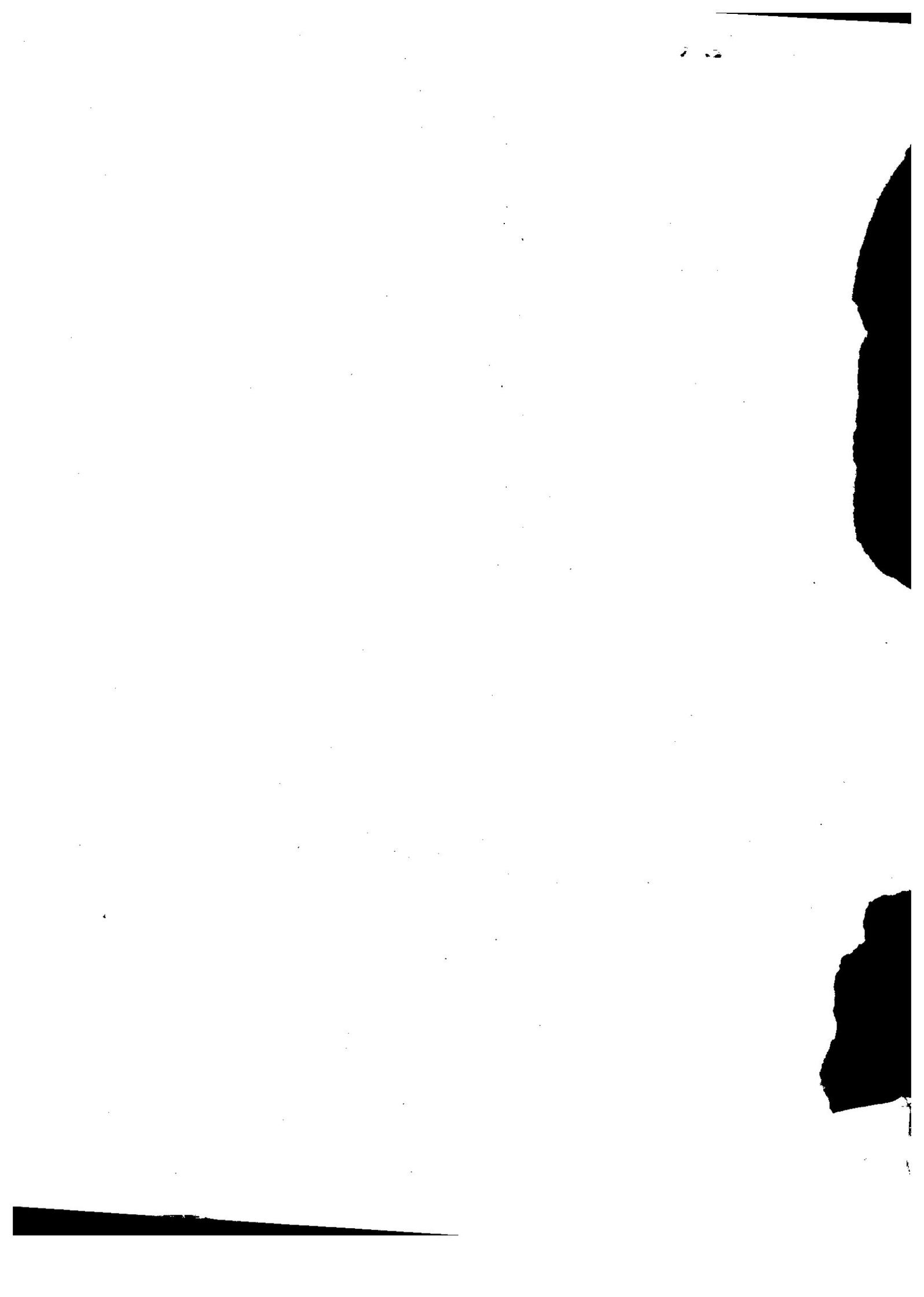


**59<sup>th</sup>**  
**Annual Report**  
**2007-2008**



**THE MAHARAJA SAYAJIRAO UNIVERSITY OF BARODA**

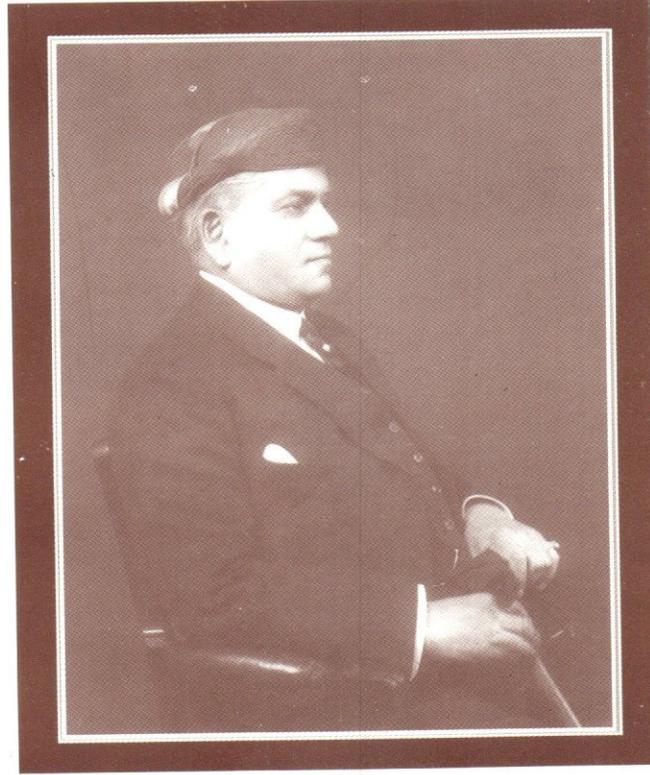
Fatehgunj, Baroda - 390 002, Gujarat, India.  
Ph: (+91-265) 2795521 Fax (+91-265) 2793693/2792277  
Visit at : [www.msubaroda.ac.in](http://www.msubaroda.ac.in)



विद्या नाम नरस्य रूपमधिकं प्रच्छन्नगुप्तं धनं  
विद्या भोगकरी यशःसुखकरी विद्या गुरूणां गुरुः ।  
विद्या बन्धुजनो विदेशगमने विद्या परं दैवतं  
विद्या राजसु पूज्यते न तु धनं विद्याविहीनः पशुः ॥  
(भर्तृहरिः, नीतिशतकम्)

*Knowledge imparts high splendour to a man. It is the hidden wealth. Knowledge gives enjoyment, fame and happiness. Knowledge is the preceptor of preceptors. Knowledge is kinsman in the foreign country. Knowledge is the Supreme Deity. Knowledge, not the wealth, is honoured by the king. The person without knowledge is but a brute.*

*(Bhartṛhari, Nīṭiśatakam)*



The progress of a nation requires that its people should be educated. Knowledge is a necessity of man. It instills in him a desire to question and to investigate, which leads him on the path of progress. Education, in the broadest sense, must be spread everywhere. With this end in view, I started various reforms in my state. Progress can only be achieved by the spread of education. Co-operation is necessary to achieve any worthy end, and this readiness to co-operate will not be found in a people if they are not educated.

Source : "Speeches & Addresses of His Highness Sayajirao III", 1934, Vol. III, pp. 652-653.

## *From The Vice-chancellor's Desk*



*His Highness Maharaja Sayajirao Gaekwad III had a vision that "The progress of a nation requires that its people should be educated". With this vision he started the first educational institute in the Western India as Baroda Science College in 1881. In 1890, Kalabhavan was established with Schools of Arts, Architecture, Mechanical and Chemical Technology, Pedagogy, Agriculture School. In 1886 Gyanshala was established which became the Performing Arts College in 1949 and Faculty of Performing Arts in 1986. Between 1926 and 1949 several other institutions including the Oriental Institute, Sanskrit Mahavidyalaya, Archaeology, Commerce and Economics were added. On 30<sup>th</sup> April 1949, these educational institutes took the shape as part of the Maharaja Sayajirao University of Baroda with Smt. Hansa Mehta as the first Vice-Chancellor.*

*Maulana Abdul Kalam Azad quoted that "It is the birth right of every individual to receive atleast the basic education without which he cannot fully discharge his duties as a citizen". The Maharaja Sayajirao University has by and large fulfilled the above objective of education in the Vadodara District. Today, the University has 87 Departments in 13 Faculties, 3 constituent colleges, 4 institutions and 12 Centres of specialized studies wherein over 37,000 students study for 19 diploma, 21 PG Diplomas, 21 degrees, 25 Masters, 10 Doctoral and 14 Certificate courses with the help of 1203 teaching and 1817 non-teaching staff members. There are 143 academic buildings, 16 hostels and 475 staff quarters located in 274 acres of land.*

*The higher education is facing a number of challenges and opportunities due to the globalization of trade, production and communications. Attainment of competitiveness in the interconnected world will become imperative if higher education institutions have to survive and contribute to the improvement of the overall quality of life in society and carry out quality research. I have deep sense of satisfaction in reporting that in continuation of the progress achieved in the past many years, the year 2007-08 has imparted added vigor and strength to our renowned University. The year was indeed quite eventful and full of positive developments and highlights. I am delighted to state that during this period we not only maintained and preserved the best elements in our valued traditions of teaching and research, but also have given enough indications of moving beyond them to satisfy a higher benchmark of excellence in the emerging national and global scenarios of higher education.*

*Research has been one of the distinctive aspects of our University. A total of 65 new research projects or schemes involving a total outlay of Rs. 18 crore were sanctioned and implemented by the support of different funding agencies. Certainly, this speaks volumes for the research capability of our teachers, **Out of these, 41 projects involved a grant of more than Rs. 10 lakh each, while 24 projects had funding support of less than Rs. 10 lakh.** With this funding, the total number of ongoing research projects in the University stands at 118 with an outlay of Rs. 33,12,41,864.*

*The University grants Commission (UGC) sanctioned Rs. 20 lakh each to the Departments of Pharmacy, Microbiology, Physics, Met & Mat. Engg. and Rs. 30 lakh each as 2<sup>nd</sup> installment to the Departments of Foods and Nutrition, Human Development and Family Studies and Chemistry for strengthening infrastructure. A total of 26 departments are now recipients of developmental grants under the Special Assistance Programme of the UGC or the Funds for Improvement of Science and Technology Infrastructure (FIST) programme of the Department of Science and Technology, Govt. of India. Other than Department of Education and Human Development and Family Studies, UGC has recognized Department of Chemistry also as Centre for Advance Studies. It is interesting to note that some of the departments like Education, Chemistry, Applied Physics, Metallurgical and Material*

Engg., Social Work, Economics, Art History & Aesthetics etc. are implementing two or three programmes simultaneously.

The MSU is amongst the very few select Universities in India to have received the prestigious TIFAC CORE (Technology Information, Forecasting and Assessment Council) fund support. The Department of Pharmacy of this University engaged in significant research in the area of the new drug delivery system has received financial support of Rs. 200 lakhs from Ministry of Science and Technology under the TIFAC CORE.

The State Government has offered fund support for as many as seven new courses. All of these courses are distinct courses in the areas of Petroleum Geology, Medical Biotechnology, Disaster Management, Nanotechnology, Embedded System, Bio-informatics, and Industrial Mathematics. The State government has provided a grant worth Rs. 200.30 lakhs for the year 2007-08 to conduct these courses. Out of this a sum of Rupees sixteen lakhs fifty thousand has been sanctioned by the Government of Gujarat for the first-of-its-kind project on Thoughtronics Studies, a new field of research undertaken for the first time in the country.

Hon'ble Chief Minister of Gujarat Shri Narendra Modi opined that "Education is not just a tool to be used for personal gains but it should be used as a weapon to fight poverty, social stigma and superstition. It would become a vehicle for progress and a torch for enlightenment". In this context research activities in the universities have to be responsive to the needs and expectations of the economy, industry and community. The University's teaching and learning activities continued to focus on the challenges of providing high quality education through constant upgrading of curriculum as well as use of new technology and innovative methods. The teachers and students of the University were also fortunate in receiving the benefit of the scholarship and expertise of several distinguished visitors who were invited for special lectures or as delegates at the several national and international seminars organized by various departments.

The year 2007-08 was the beginning of the UGC's XI Five Year Plan and University submitted an ambitious proposal of Rs. 161.28 Crore to UGC for financial Assistance during the plan period for the General Development of the University.

The donation of Rs. 1,00,00,000 was received from a citizen of Vadodara Shri P. N. Gujjar during the year for the development of Centre for Advance Research in Molecular Genetics in the department of Microbiology and Bio-technology.

I take this opportunity to gratefully acknowledge the role of all those whose tireless efforts and commitment have made it possible for our University to realize the above-mentioned achievements. The contributions of my predecessor Dr. Manoj Soni cannot be over looked in this regard.

I am confident that the staff and students of the University, with the support of the Government and the funding agencies, would take the University to greater heights in future. We shall continue to be a leading contributor to the knowledge, ideas, opinions, values, and cultures of the present century. Indeed, this journey in pursuit of knowledge and spirit of enquiry is continuing and uplifting.

Jai Hind, Vande Mataram



**Prof. RAMESH K. GOYAL**  
Vice-Chancellor

## *From Convener's Pen...*



*As the convener of the Annual Report Committee, I, along with other committee members, have had the honour of compiling, collating and editing the data on the academic and other achievements of the illustrious The Maharaja Sayajirao University of Baroda for the year 2007-08. This report is a communication arm with different stake holders such as academic community, policy makers, administrators, funding agencies and future collaborators engaged in the field of higher education.*

*The Maharaja Sayajirao University of Baroda is a distinguished centre of excellence. This report too demonstrates the great energy and potential of the teachers, administrative staff and students of our University in their march towards greater heights of excellence. The present report shows the broad range of the University's activities and the strength of its performance in relation to its stated goals and values pursued by various departments and institutions.*

*The University has moved ahead in many spheres during the year under review and made significant progress in teaching, research and co-curricular activities. With a range of new courses as well as revision of many of the existing courses in various disciplines of science and technology, business studies, social sciences and humanities, creative arts and so on, the University has successfully placed itself in a leadership position in the country. The new research funding generated during the year in the cutting edge areas of knowledge has added to the recognition. It is further strengthened by the various national and international level collaborations entered into during the year. I take this opportunity to congratulate the colleagues, staff and students of the University for their laudable achievements.*

*While we have a legitimate right to take pride in our achievements, we have to look forward as a dynamic university to meet the onslaught of challenges that are on the horizon owing to the environment in which the institutions of higher education operate today. We are under the strain of criticism both from within and outside. In order to respond to this, more than ever before, we must rise to the expectations of the society for maximizing the public benefit of higher education. We have to expand further and upgrade our teaching programmes and enhance research facilities. The University's record of achievements contained in this report gives me great confidence to believe that we shall be able to face up to these challenges and grow and prosper in the coming years to realize the vision of our great founder Sir Sayajirao Gaekwad III – the then Maharaja of the Baroda state.*

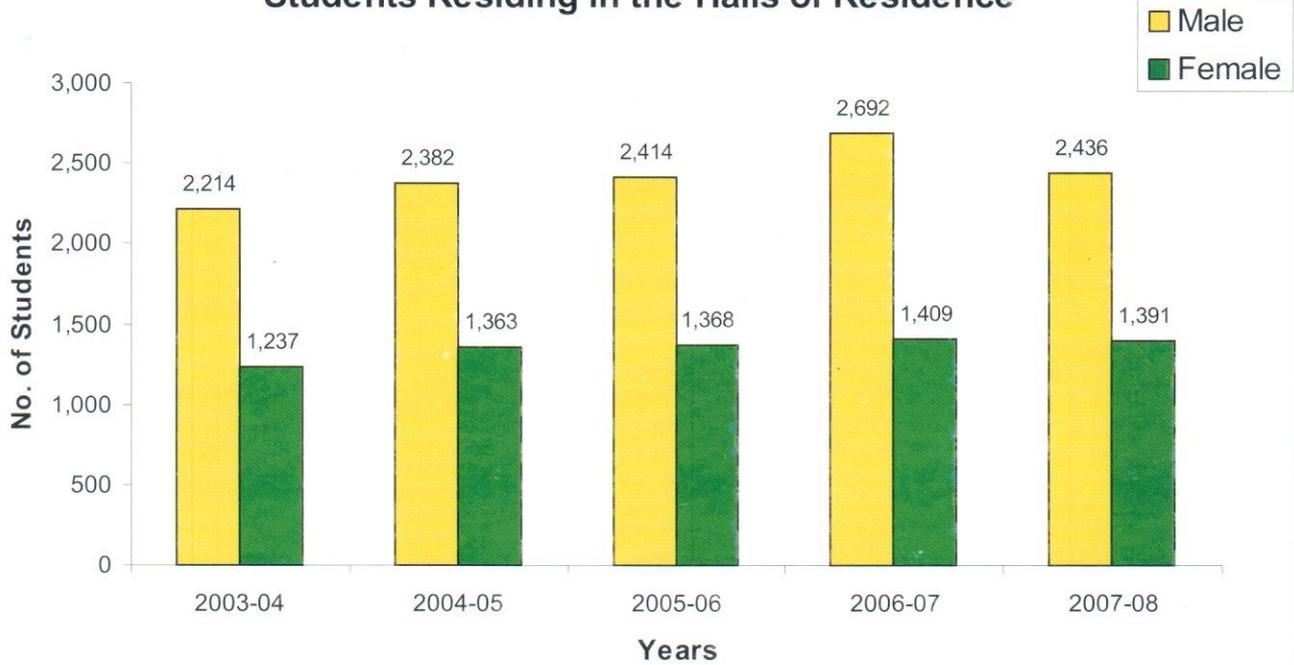
*I take this opportunity to thank Prof. Ramesh K. Goyal, the Chairman of the Committee and the Vice-Chancellor, as well as all other members for their wholehearted cooperation in the finalization of this report. But for their active and unstinting support, the report would not have been in the present shape and format. However, I as convener remain responsible for any error of omission and commission that might have cropped up despite due care exercised at all levels including the supportive staff of the university press under the leadership of Mr. P. N. Srivastava as also by the supportive team of the Ms. Neeta Dhar, Development Officer of the University.*

*Once again, I thank my colleagues on the committee for their support, affection and cooperation.*

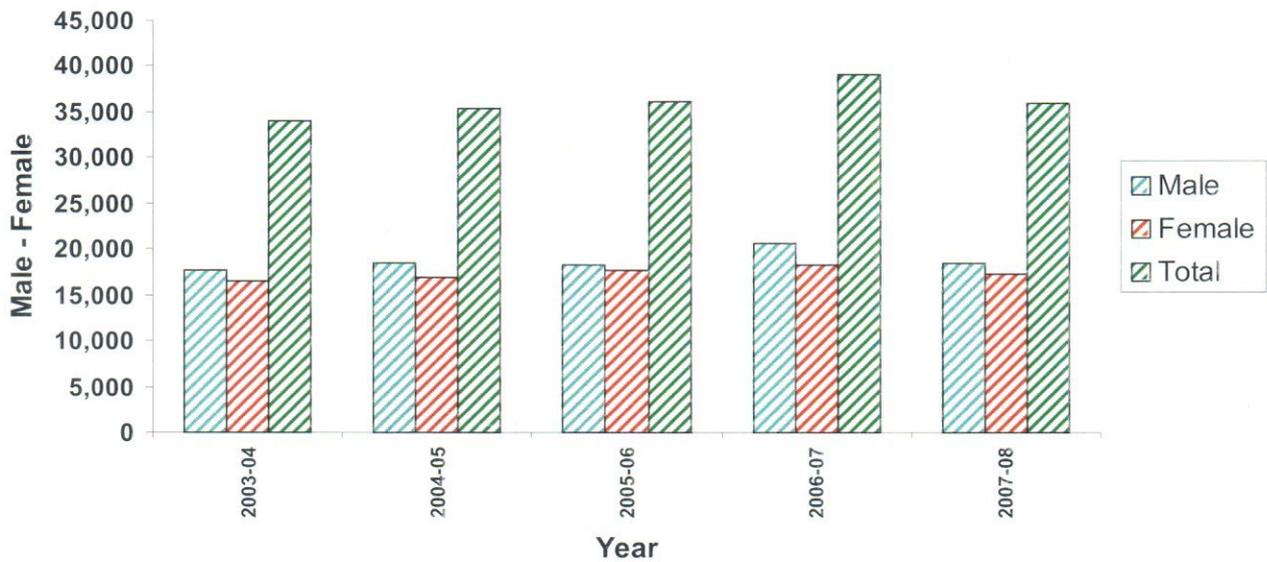
*Jai Hind !*

**Prof. (Dr.) G. C. MAHESHWARI**  
Dean, Faculty of Management Studies and  
Convener, Annual Report Committee

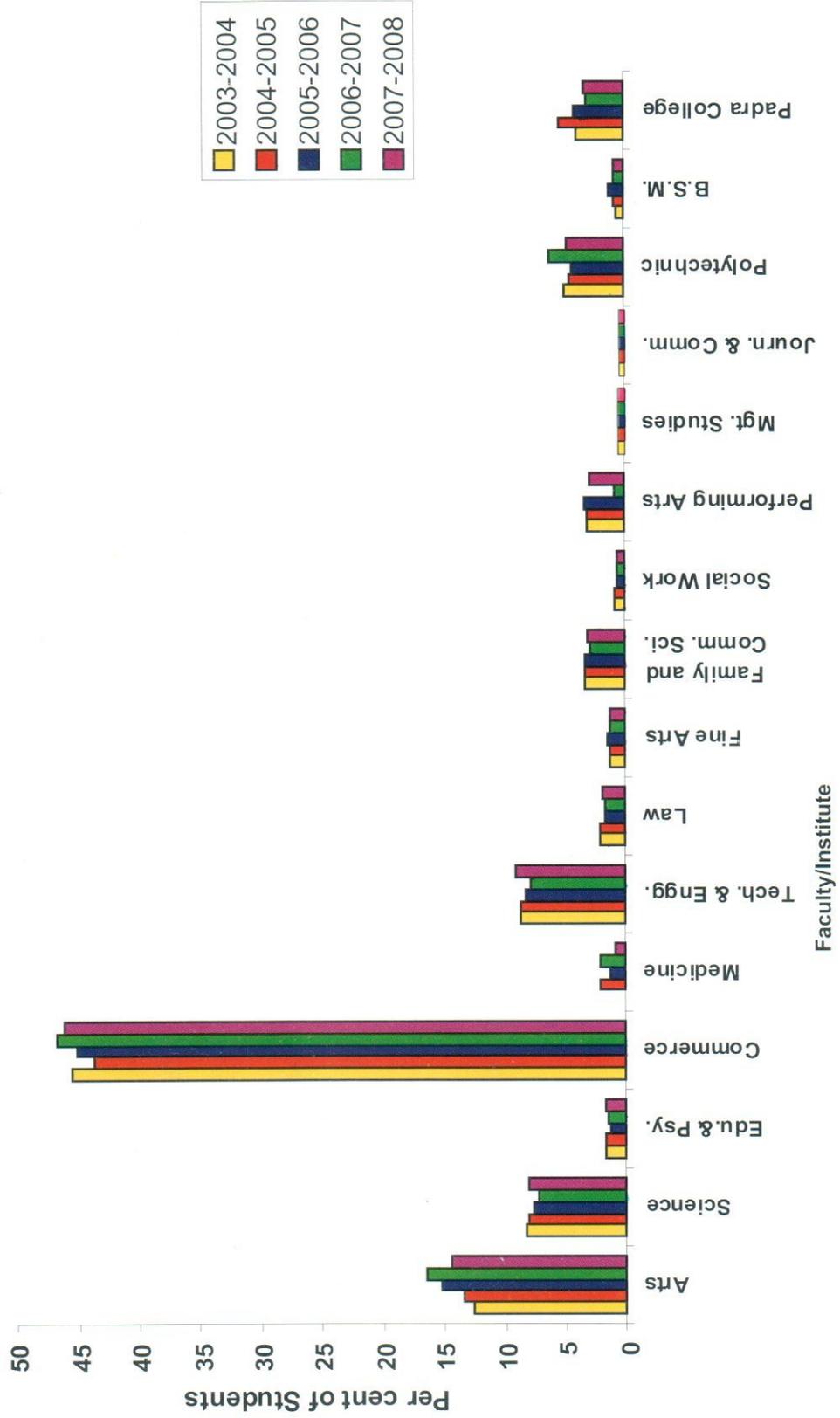
### Students Residing in the Halls of Residence



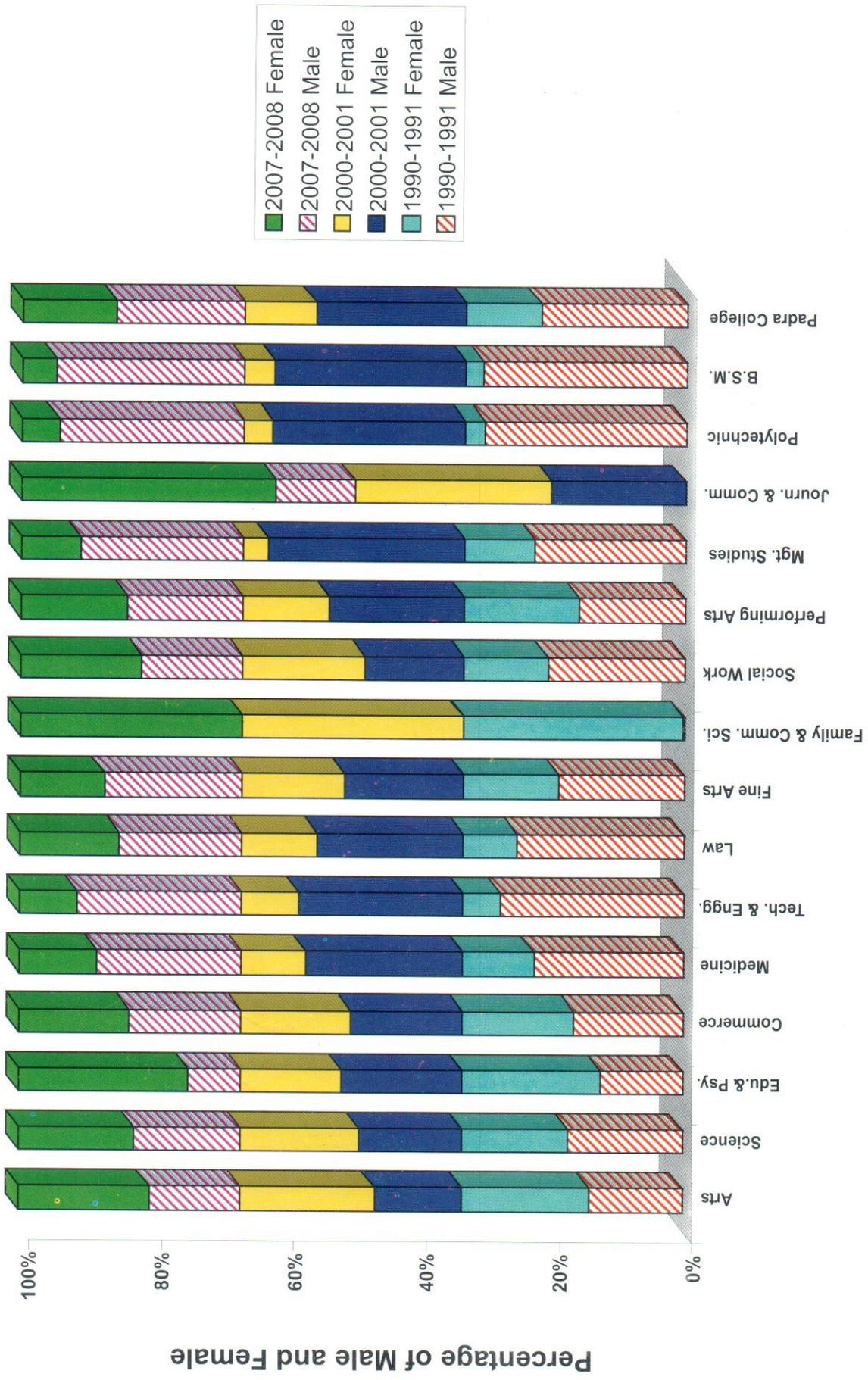
### Number of Students enrolled during the last Five Years



Percentage of Students in different Faculties/Institutions during the last Five Years

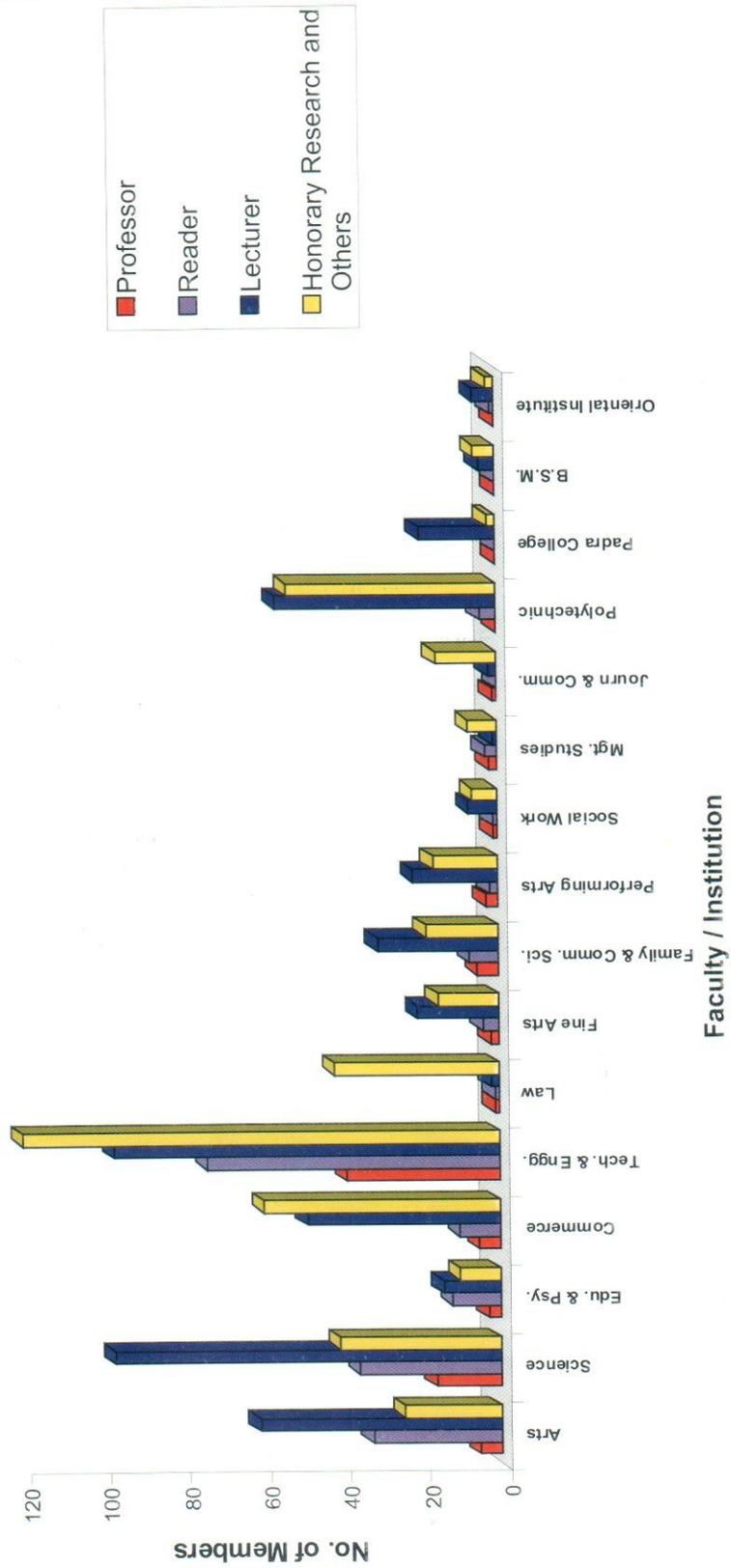


Percentage of Male and Female Students in Faculties and Institutions



Faculties/Institutions

Number of Faculty of Members during the Year 2007-2008



# The Maharaja Sayajirao University of Baroda

**Visitor** : Shri Naval Kishore Sharma,  
His Excellency, the Governor of Gujarat

## Officers & Heads of the Institutions

**Chancellor** : Dr. Mrunalini Devi Puar  
**Vice-Chancellor** : Dr. Manoj Soni  
**Pro-Vice-Chancellor** : Prof. S. M. Joshi  
**Registrar** : Shri A. V.Gupta  
**Librarian** : Dr. K. H. Shukla Upto: 16-8-2007  
Ms. Jyoti A. Bhatt (l/c.) From : 17-8-2007

## DEANS OF FACULTIES

Faculty of Arts : Prof. R. J. Shah  
Faculty of Science : Prof. A. V. Ramachandran  
Faculty of Education & Psychology : Dr. Satender Kumar  
Faculty of Commerce : Prof. S. K.Singh Up to: 26-1-2008  
Prof. P. H.Vyas (Offg.) From: 27-1-2008  
Faculty of Medicine : Dr. Y. S. Marfatia (Offg.) Up to: 31-8-2007  
Dr. S. C. Hotchandani (Offg.) From: 1-9-2007  
Faculty of Technology & Engineering : Prof. B. S. Parekh  
Faculty of Law : Dr. Syed Maswood Up to: 20-8-2007  
Dr. G. A Solanki (Offg.) From: 21-8-2007  
Faculty of Fine Arts : Prof. Deepak Kannal  
Faculty of Family & Community Sciences : Prof. Prerana Mohite  
Faculty of Social Work : Prof. A. S. Khasgiwala  
Faculty of Performing Arts : Prof. Mahesh Champaklal Up to: 4-3-2008  
Shri I. K. Pandit (Offg.) From: 5-3-2008  
Faculty of Management Studies : Prof. G. C. Maheshwari  
Faculty of Journalism and Communications : Prof. S. K. Tewari

## PRINCIPALS OF COLLEGES

Baroda Sanskrit Mahavidyalaya : Shri Y. B. Oza  
Polytechnic : Shri K. S. Agrawal  
M.K. Amin Arts and Science College and  
College of Commerce-Padra : Shri G. S. Patel

## HEADS OF RECOGNISED INSTITUTIONS

Director, Oriental Institute : Dr. M. L. Wadekar (l/c.)  
Director, Centre for Continuing/Adult Education and  
Community Services : Shri J. A. Inamdar (l/c.) Up to 18-3-2008  
Dr. B. L. Raina (l/c.) From 19-3-2008  
Director, The Baroda Museum and Picture Gallery : Dr. S. N. Pandey

*59<sup>th</sup> Annual Report*

Chapter	Subject	Page
1.	The Senate and the Syndicate .....	1-4
2.	Year at a Glance .....	5-10
3.	Distinguished Lectures at the University .....	11-22
4.	Faculty of Arts .....	23-43
5.	Faculty of Commerce .....	44-52
6.	(A) Faculty of Education and Psychology .....	53-68
	(B) University Experimental School .....	69-73
7.	Faculty of Fine Arts .....	74-81
8.	Faculty of Family and Community Sciences .....	82-108
9.	Faculty of Journalism and Communication .....	109-110
10.	Faculty of Law .....	111
11.	Shri Maganbhai Shankarbhai Patel Institute of Management Studies ( Faculty of Management Studies) .....	112-115
12.	(A) Faculty of Medicine .....	116-123
	(B) Sheth Ujamsinh Pitambardas Ayurvedic Research Unit .....	124
13.	Faculty of Performing Arts .....	125-136
14.	Faculty of Science .....	137-178
15.	Faculty of Social Work .....	179-186
16.	Faculty of Technology and Engineering .....	187-239
17.	Baroda Sanskrit Mahavidyalaya .....	240-241
18.	Shri M. K. Amin Arts and Science College and College of Commerce, Padra. ....	242-244
19.	Polytechnic .....	245-254
20.	(A) All India and Central Services Training Centre .....	255
	(B) Centre for Continuing/Adult Education and Community Services .....	255-256
	(C) Computer Centre .....	256-258
	(D) General Education Centre .....	258
	(E) Health Centre .....	258-259
	(F) University Employment Information & Guidance Bureau .....	260
	(G) University Publications Sales Unit .....	260
21.	(A) Department of Physical Education .....	261-266
	(B) Foreign Students .....	266
	(C) Halls of Residence .....	266
	(D) National Cadet Corps .....	267-268
	(E) National Service Scheme .....	268-270
	(F) Students Common Room .....	270
	(G) Unions/Associations .....	270
22.	Construction Division .....	271
23.	Shrimati Hansa Mehta Library .....	272-275
24.	Oriental Institute .....	276-282
25.	The M. S. University of Baroda Press .....	283
26.	The M. S. University Union .....	284-285

# 1. The Senate and The Syndicate

## SENATE

<b>Ex-Officio Members</b>		21	Social Work	:	Prof. Aruna Khasgiwala		
1	Chancellor	:	Dr. Mrunalini Devi Puar	22	Performing Arts	:	Prof. Mahesh Champaklal Up to 4-3-2008
2	Vice-Chancellor	:	Dr. Manoj Soni	23	Management Studies	:	Prof.G.C. Maheshwari
3	The last Ex-Vice-Chancellor of the University residing in the State	:	Dr. Anil S. Kane	24	Journalism & Communication	:	Prof. S.K. Tewari
4	Pro-Vice-Chancellor	:	Prof. S. M. Joshi	<b>Principals of Constituent Colleges</b>			
5	Registrar	:	Shri A.V. Gupta	25	Polytechnic	:	Shri K.S. Agrawal
6	Librarian	:	Dr. K.H. Shukla Up to 16-8-2007 Ms. Jyoti A. Bhatt From : 17-8-2007	26	M.K. Amin Arts & Science College & College of Commerce, Padra	:	Shri G.S. Patel
7	Commissioner of Higher Education or an officer not below the rank of Joint Director of Higher Education designated by such Commissioner			27	Vadodara Sanskrit Mahavidyalaya	:	Shri Y.B. Oza
8	Director of Technical Education or an officer not below the rank of Joint Director of Technical Education designated by such Director			<b>Heads of Recognized Institutions</b>			
9	Commissioner of Health Medical Services and Medical Education or an officer not below the rank of Joint Director of Health Med. Services and Medical Education designated by such Commissioner			28	Director, Centre for Continuing Adult Education & Community Services	:	Vacant
10	Chairman of the Gujarat Secondary Education Board			29	Director, Oriental Institute	:	Vacant
11	Director of Employment & Training or an officer not below the rank of Joint Director of Employment & Training designated by such Director			30	Director, Baroda Museum and Picture Gallery	:	Dr. S. N. Pandey
<b>Deans of Faculties</b>				<b>Members of the Syndicate falling under Clause (vii) of Sub Section (2) of Section 23</b>			
12	Arts	:	Prof. R.J. Shah	31	Prof. Anjana Desai		
13	Science	:	Prof. A. V. Ramachandran	<b>Members of the Syndicate falling under Clause (x) of Sub Section (2) of Section 23</b>			
14	Education & Psychology	:	Prof. Satender Kumar	32	Prof. S.S. Bhattacharya		
15	Commerce	:	Prof. S.K. Singh Up to 26-1-2008	<b>All the Trustees of Sir Sayajirao Diamond Jubilee &amp; Memorial Trust</b>			
16	Medicine	:	Vacant	33	Shrimant R.P. Gaekwad		
17	Technology & Engineering	:	Prof. B.S. Parekh	34	Shri Samarjitsinh Gaekwad		
18	Law	:	Prof. Syed Maswood Up to 20-8-2007	35	Dr. A.K. Patel		
19	Fine Arts	:	Prof. Deepak Kannal	36	Shri I.C. Patel		
20	Family & Community Sciences	:	Prof. Prerana Mohite	37	Shri Mukundbhai B. Shah		
				<b>The Mayor of the Baroda Municipal Corporation (Vadodara Mahanagar Seva Sadan)</b>			
				38	Shri Sunil T. Solanki		

## The Maharaja Sayajirao University of Baroda

<b>The President, Vice President and General Secretary of the M.S. University Union</b>		62	M.K. Amin Arts & Science College & College of Commerce, Padra	Smt. Tejovati S. Prabhu
39	President : Dr. B.S. Chakrabarty Up to 30-6-07 Dr. P.M. Shah From 1-7-07	63	Oriental Institute	Dr. Sweta C. Prajapati
40	Vice-President : Kum. Pooja Kamath Up to 30-4-2007 Kum. Hiralba Sarvaiya From 14-9-2007	<b>One Member each elected Faculty wise by Registered Graduates</b>		
41	General Secretary : Shri Jahabhai Desai Up to 30-4-2007 Shri Rupesh Prajapati From 14-9-2007	64	Arts	Dr. Dineshsingh N. Yadav
<b>Ordinary Members (Five Professors)</b>		65	Science	Shri Lalitkumar T. Patel
42	Prof. P. M. Patel : Arts	66	Education & Psychology	Shri Raisinh N. Dahima
43	Prof. Nikhil Desai : Science	67	Commerce	Shri R.J. Darji
44	Dr. A. K. Saxena : Medicine Up to :26-3-2008	68	Medicine	Dr. Prakash M. Shah
45	Prof. Kiran M. Joshi : Management Studies	69	Tech.&Engg	Shri Narendra A. Ravat
46	Prof. S. K. Tewari : Journalism & Communication	70	Law	Shri Kamal B. Pandya
<b>One Member each elected Faculty wise</b>		71	Fine Arts	Shri Bipin B. Patel
47	Arts : Dr. Ashir S. Mehta	72	Family & Community Sciences	Smt. Rajeshwari M. Trivedi
48	Science : Dr. Pragna H. Parikh	73	Social Work	Shri Dipak N. Shah
49	Edu.&Psy : Dr. Dipti J. Oza	74	Performing Arts	Shri Jignesh V. Shah
50	Commerce : Dr. Shirish R. Kulkarni	75	Management Studies	Shri Pantul R. Kothari
51	Medicine : Dr. Hemant H. Mathur	76	Journalism & Communication	Vacant
52	Tech. & Engg : Dr. Indradatta I. Pandya	<b>One Representative elected by Federation of Gujarat Mills and Industries, Vadodara</b>		
53	Law : Dr. G. A. Solanki	77	Shri Ram Devidayal	
54	Fine Arts : Dr. S. K. Khushwaha	<b>One Representative elected by the Heads of Secondary Schools in the University Area</b>		
55	Family & Community Sciences : Dr. Rameshwari Pandya	78	Shri Shaileshkumar K. Patel	
56	Social Work : Dr. Jagdish D. Solanki	<b>One Representative elected by the Secondary Teachers in the University Area</b>		
57	Performing Arts : Shri H. D. Vyas	79	Shri Suryakant N. Patel	
58	Management Studies : Vacant	<b>Two Representatives elected by the Members of the Gujarat Legislative Assembly</b>		
59	Journalism & Communication : Vacant	80	Shri Jitendrabhai Sukhadia Shri Bhupendrabhai Lakhawala	Up to 24-12-2007 From 31-3-2008
<b>One Member elected from each of the constituent colleges &amp; recognized institutions</b>		81	Shri Punambhai Parmar Shri Yogesh Patel	Up to 24-12-2007 From 31-3-2008
60	Polytechnic : Shri Manibhai M. Patel	<b>One Representative elected by the Registered Trade Unions in the University Area</b>		
61	Baroda Sanskrit Mahavidyalaya : Dr. H. M. Pandey	82	Shri Vipinchandra R. Patel	

	<b>One Member elected by the Bar Council of the State of Gujarat</b>	92	Dr. Parimal H. Vyas
83	Shri R.S. Trivedi	93	Shri Kamlesh K. Mehta
	<b>Two Members elected by Donors</b>	94	Shri Rajesh K. Parikh
84	Shri Nilesh J. Shukla	95	Shri Hemant D. Kothari
85	Shri Cassim M. Unia	96	Dr. B. S. Chakrabarty
	<b>Fifteen persons nominated by the State Government</b>	97	Shri Mehul V. Lakhani
86	Shri Rameshbhai R. Bhatt	98	Shri Jigar C. Inamdar
87	Shri Mukesh H. Pandya	99	Smt. Bhartiben Vyas
88	Dr. Adeesh P. Jain	100	Shri Dhimant V. Bhatt
89	Dr. Amit R. Dholakia		<b>One Representative of the Union of the Non-teaching Staff of the University nominated by the Vice-Chancellor</b>
90	Dr. Suresh R. Patani	101	Vacant
91	Shri Gopal H. Bhatti		

### SENATE MEETING

The Annual Meeting of the Senate was held on 29-3-2008 which was attended by 75 members.

Before taking up the items of the Statement of Business, the members of the Senate placed on record the services rendered by the following and offered their sincere and heartfelt condolences to the bereaved families of the deceased distinguished persons, who were members of the Senate in past :

1. Shri Kantibhai A. Amin
  2. Dr. Yashwantraji M. Naik
  3. Dr. Thakorabhai V. Patel
  4. Shri Nanaalal D. Chokshi
- Three members were assigned to the Faculties.
  - The Annual Report for the year 2006-07 was accepted.
  - The Annual Accounts for the Year 2005-06 and 2006-07 were accepted.
  - The Annual Financial Estimates comprising the Revised Estimates for the year 2007-08 and the Financial Estimates for the year 2008-09 were accepted.
  - The Pamphlet No. 23 of the ordinances passed by the Syndicate was approved.
  - Proposals to amend Statutes 70, 91, 199 and 209 B were accepted.
  - Replies to questions were placed on the table. During the question answer session, supplementary questions were asked by the members and the Vice-Chancellor has asked for the notice period to reply those questions
  - 6 Gold Medals were approved.

## SYNDICATE

	<b>Ex-Officio Members</b>	11	Dr. Prakash M. Shah
1	<b>Vice-Chancellor</b> Dr. Manoj Soni	12	Shri R.R. Bhatt
2	<b>Pro-Vice-Chancellor</b> Prof. S.M. Joshi	13	Shri Ram Devidayal
3	Commissioner of Higher Education or an officer not below the rank of Joint Director of Higher Education designated by such Commissioner	14	Shri Mukesh H. Pandya
4	Director of Technical Education or an officer not below the rank of Joint Director of Technical Education designated by such Director	15	Vacant
5	Commissioner of Health Medical Services and Medical Education or an officer not below the rank of Joint Director of Health Medical Services and Medical Education designated by such Commissioner		<b>One Head of Department elected by all Heads of the Departments</b>
	<b>Two Deans elected by the Senate</b>	16	Prof. S. S. Bhattacharya
6	Vacant		<b>Five Teachers of the University elected by the Senate</b>
7	Prof. G.C. Maheshwari	17	Vacant
	<b>One Professor nominated by the Vice-Chancellor</b>	18	Shri H.D. Vyas
8	Prof. Anjana Desai	19	Dr. Adeesh P. Jain
9	<b>One Principal elected by the Senate</b> Shri K.S. Agrawal	20	Dr. Amit Dholakia
	<b>Six persons elected by the Senate from amongst its members who are neither Teachers nor Employees nor Students of the University</b>	21	Dr. Indradatta I. Pandya
10	Shri Mukundbhai B. Shah		<b>Four persons nominated by the State Government</b>
		22	Shri Samarjitsinh Gaekwad
		23	Dr. Amita S. Kantawala
		24	Shri Ajay Joshi
		25	Dr. Pragnesh Shah

During the year 13 meetings of the Syndicate (11 Ordinary + 02 Special) were held in which 267 Items were considered and resolved.

### Other Boards and Committees 2007-08

- Committee of Deans of Faculties and Principals of Colleges.
- Press Supervisory Committee.
- Board of Extra Mural Studies.
- Advisory Committee for the University Employment Information and Guidance Bureau.
- Library Committee.

## Fifty Sixth Annual Convocation



Honorable Chancellor Dr. Mrunalini Devi Puar, declaring the Fifty Sixth Annual Convocation open



Sri Sri Ravishankar receiving the Degree of Doctor of Letters (Honoris Causa)



Shri Mukesh Ambani receiving the Degree of Doctor of Science (Honoris Causa)



Student receiving Gold Medals

## Events of the University



Moot Court Competition in the Faculty of Law



"Samanvaya" a field work activity based on theme "Family"



Mid Day Meal Master Training Programme



Hon'ble Vice-Chancellor inspecting the NCC Cadets on the Republic Day



Sports activity at University Pavilion



Cultural function during Youth Festival - 2008



In Field Learning on Identification and Measurement of Litho-stratigraphic Sequence



Field Training on Structural Elements of the Rock

## 2. Year at a Glance

Date	Events
April 2, 2007	Exhibition, dedicated to Indo-Russian Diplomatic Relations, organized by Department of Russian Studies, Faculty of Arts.
June 5, 2007	'World Environment Day, 2007' was organized by Environmental Science, Faculty of Science.
August 1, 2007	Inauguration of newly constructed 'Main Gate and the Pratishta of Shri Saraswati Devi' at the main entrance of the Faculty of Technology & Engineering.
August 4, 2007	A new Course 'M.Sc. in Petroleum Geology' started in Department of Geology, Faculty of Science.
August 22, 2007	A new Course 'M.Sc. in Medical Biotechnology', started in Department of Biochemistry, Faculty of Science.
August 24, 2007	Seminar on 'The Significance of Jaina Studies in Contemporary Times', organized by SKSD Jain Academy- Education and Research Centre, Faculty of Arts.
August 29, 2007	A new course in 'Packaging Engineering' (PG Diploma), was started by Chemical Engg. Department, Faculty of Technology & Engg.
September 29, 2007	The Fifty Sixth Annual Convocation of the M.S. University of Baroda was organized to confer the Degrees and Post Graduate Diplomas upon the students of the University and to confer the Honorary Degrees of <b>Doctor of Letters</b> on His Holiness Sri Sri Ravi Shankar, Spiritual leader and Humanitarian and <b>Doctor of Science</b> on Shri Mukesh Ambani, Chairman & Managing Director, Reliance Industrial Limited. <b>Lord Karan Bilimoria</b> , Member, House of Lords, the United Kingdom Parliament and Chancellor, Thames Valley University, UK was the Chief Guest on the occasion. The function was presided by Dr. Mrunalini Devi Puar, Hon'ble Chancellor, The M.S. University of Baroda and organized in the Kamala Raman Vatika, University Gardens.
October 1, 2007	Inauguration of <b>Poly-Gold-Tech-Meet 2007 (A State Level Technical Meet Cum Competition)</b> under Golden Jubilee Year Celebration of Polytechnic Building, organized by Polytechnic and Closing Ceremony of <b>Golden Jubilee Year Celebration of Polytechnic Building</b> and Valedictory function of the Poly-Gold-Tech-Meet 2007.
December 8, 2007	<b>HRM Convention on "Changing Nature of HR and New Imperatives"</b> , organized by Faculty of Social Works.
December 10-14, 2007	<b>2<sup>nd</sup> National Workshop on Research Methodology in Social Sciences</b> , jointly organized by CASE, Faculty of Education & Psychology and Association of Indian Universities, New Delhi.
December 17, 2007	<b>7<sup>th</sup> DAE-BRNS National Laser Symposium (NLS-7)</b> , organized by the Department of Applied Physics, Faculty of Technology & Engg. Prof. C. Kumar N. Patel, USA, Inventor of CO <sub>2</sub> Laser, delivered the Plenary Talk.
December 15, 2007	<b>Exhibition "Know your Pharmacist"</b> , organized by Pharmacy Department, Faculty of Technology & Engg and Indian Pharmaceutical Association, Vadodara Branch.
December 20, 2007	<b>One day 'Workshop for Higher Secondary Teachers in the subject of Accountancy'</b> , organized by the Department of Accounting and Financial Management, Faculty of Commerce.
December 28, 2007	<b>UGC National Symposium on 'Apoptosis &amp; Cancer'</b> , organized by Department of Biochemistry & Alumni Association of Biochemistry Department, Faculty of Science.

## The Maharaja Sayajirao University of Baroda

---

January 5-6, 2008	<b>Kavi Sundaram Janamshatabdi Mahotsava</b> , organized by Gujarati Department, Faculty of Arts and 'Akshara' Vadodara.
January 6, 2008	<b>One Day Seminar on 'Biomedical Waste Management Environmental Issues'</b> , organized by Department of Civil Engineering, Faculty of Technology & Engg. and Indian Environmental Association, Vadodara Chapter.
January 18-19, 2008	<b>National Seminar on 'Quality Improvement in School Education'</b> , organized by Centre of Advance Study in Education (CASE), Faculty of Education & Psychology.
January 21, 2008	<b>UGC National Seminar on 'Challenges in the Teaching of English'</b> , organized by Department of English, Faculty of Arts.
January 24, 2008	<b>UGC National Seminar on 'Recent Trends in Development Communication'</b> , organized by Department of Extension & Communication, Faculty of Family & Community Sciences.
January 29, 2008	<b>One day UGC-Infonet Consortium awareness programme on E-resources (Science &amp; Technology)</b> , organized by Smt. Hansa Mehta Library.
February 1, 2008	<b>UGC National Seminar on 'Sustainable Development and Environment Responsibilities: Strengthening Interface between Household, Industry, Government and NGO's'</b> , organized by Department of Home Management, Faculty of Family and Community Sciences.
February 5, 2008	<b>UGC-ASIHSS National Seminar on "Special Economic Zone (SEZ): Issues and Challenges Ahead"</b> , organized by Faculty of Social Work.
February 25-26, 2008	<b>UGC-SAP National Seminar on "Wholistic Teacher Education"</b> , organized by Department of Education, Faculty of Education & Psychology.
March 1-2, 2008	<b>Exhibition of Medicinal Plants &amp; Bonsai</b> , organized by Botany Department, Faculty of Science
March 7-8, 2008	<b>National Seminar on "Revival of Rural Credit Co-operatives in India: Issues, Challenges and Opportunities"</b> , organized by Department of Co-operation & RBI Endowment Unit.
March 7, 2008	<b>UGC-DSA National Seminar on 'Child a Global Citizen: Third World Community'</b> , organized by Faculty of Social Work.
March 9, 2008	<b>One day Seminar on "Empowerment of Deprived Sections and Role of Media in Societal Development"</b> , organized by Faculty of Social Work.

## List of Major Projects (10 Lakhs & above) 1.4.2007 to 31.3.2008

Sr. No.	Title of the Project	Funding Agency	Principal Investigator
1	Studies on organic-inorganic hybrid compounds : towards designing of novel multiferroics	DST, New Delhi	Dr. Prasanna S. Ghalsasi, Dept. of Chemistry, Faculty of Science
2	Electochemical Synthesis of organized ..... Scattering rates	DST, New Delhi	Dr. A. C. Sharma, Dept. of Physics, Faculty of Science
3	Elaluation of islet neogenesis potential (in vitro) and investigation ... experimental models	DST, New Delhi	Dr. Sarita Gupta, Dept. of Bio-Chemistry, Faculty of Science
4	Synthesis, study and applications of novel helical molecules	DST, New Delhi	Dr. Ashutosh V. Bedekar, Dept. of Chemistry, Faculty of Science
5	Preparation of fine particles using an emulsion liquid membrane system	AICTE, New Delhi	Dr. Bina Sengupta, Dept. of Chemical Engg., Faculty of Tech. & Engg.
6	Metabolic Engineering of Enterobacter asburiae PS13 for ..... Phenotype	CSIR, New Delhi	Prof. G. Naresh Kumar, Dept. of Bio-Chemistry, Faculty of Science
7	High efficient Copper Indium Gallium Selenide-CuInGaSe2	UGC, New Delhi	Dr. C. J. Panchal, Dept. of Applied Physics, Faculty of Tech. & Engg.
8	Complete and Incomplete ..... Particle Measurements	DAE-BRNS, New Delhi	Prof. N. L. Singh, Dept. of Physics, Faculty of Science
9	Production of anti TNF $\alpha$ using different expression systems for cost effectiveness	DBT, New Delhi	Prof. B. B. Chattoo, Dept. of Microbiology, Faculty of Science
10	Friedel - Crafts Acylation of Phenol Based Substrates Catalyzed by supported Heteropolyacids	DAE-BRNS, New Delhi	Dr. Anjali U. Patel, Dept. of Chemistry, Faculty of Science
11	Citrate synthase (CS) gene over expression in the transgenic pseudomonas fluorescens .... Acid secretion	DBT, New Delhi	Prof. G. Naresh Kumar, Dr. G. Archana, Dept. of Bio-Chemistry, Faculty of Science
12	PCR based CTL assay for screening Recombinant Mtb antigens	DBT, New Delhi	Dr. T. Bagchi, Dept. of Microbiology, Faculty of Science
13	Development of bench Scale process for treatment of ammonia containing effluent and Reducing the COD of denitrifying reactor outlet	Gujarat Narmada Valley Fertilizers Company Ltd.	Prof. Anjana Desai, Dept. of Microbiology, Faculty of Science

Sr. No.	Title of the Project	Funding Agency	Principal Investigator
14	Functionalized polyxometalates: synthesis, characterization and asymmetric oxidation of alkenes	DST, New Delhi	Dr. A. U. Patel, Dept. of Chemistry, Faculty of Science
15	BRC/CRC study in the states of Gujarat & Madhya Pradesh	Ed. CIL., Technical Support Group, New Delhi	Prof. S. Kumar / Dr. R. C. Patel, Dept. of Education, Faculty of Edu. & Psy.
16	MicroRNAs in E.coli and other human & Plant pathogenic bacteria	DBT, New Delhi	Dr. Mrinalini Nair, Dept. of Microbiology, Faculty of Science
17	RNA silencing as a tool for exploring gene function in the rice blast ..... Grisea	DBT, New Delhi	Prof. B. B. Chattoo, Dept. of Microbiology, Faculty of Science
18	Role of Basic fibroblast growth factor (FGF2) on epimorphic regeneration	DST, New Delhi	Dr. B. Suresh, Dept. of Zoology, Faculty of Science
19	Study of Historical & palaeo tsunami records along the Gujarat Coast, Western India	Indian National Centre for Ocean Info. Serv. (INCOIS) GOI	Dr. Nilesh P. Bhatt, Dept. of Geology, Faculty of Science
20	Reliability and Lifetime improvement of High Power Laser Diodes	DAE-BRNS, New Delhi	Dr. C. J. Panchal, Dept. of Applied Physics, Faculty of Tech. & Engg.
21	Correlation of Poly (ADP-ribose) polymerase activation ... Dictyostelium	DBT, New Delhi	Dr. R. Begum, Dept. of Bio-Chemistry, Faculty of Science

## Ongoing Departmental Programmes as on 31.3.2008

Department	Sanctioned Amount (Rs. in lacs)
<b>DEPARTMENTAL RESEARCH SUPPORT (UGC-DRS)</b>	
1. Archaeology & Ancient History – Phase II	36.50
2. Pharmacy	50.00
3. Applied Physics	41.50
4. Physics – Phase III	48.50
5. Microbiology	45.00
6. English	28.50
7. Educational Administration – Phase III	30.00
<b>DEPARTMENT OF SPECIAL ASSISTANCE (UGC-DSA)</b>	
1. Foods & Nutrition	61.00
2. Social Work	46.50
<b>CENTRE FOR ADVANCED STUDIES (UGC-CAS)</b>	
1. H.D.F.S.	60.20
2. Education	37.00
3. Chemistry	85.00
<b>FUND FOR IMPROVEMENT OF INFRASTRUCTURE IN SCIENCE &amp; TECHNOLOGY (DST-FIST)</b>	
1. Applied Chemistry	23.00
2. Applied Mechanics	27.00
3. Chemistry	37.00
4. Electrical Engineering	28.00
5. Metallurgical Engineering	20.00
6. Microbiology (Level – II)	30.00
7. Zoology	30.00
8. Botany	28.00
9. Applied Physics	48.50
10. Bio Chemistry	85.00
<b>ASSISTANCE FOR STRENGTHENING OF INFRASTRUCTURE IN HUMANITIES &amp; SOCIAL SCIENCES (UGC-ASIHSS)</b>	
1. Education	43.00
2. Economics	45.00
3. Art History & Aesthetics	41.00
4. Social Work	45.00
<b>CENTRE FOR ADVANCE RESEARCH IN MOLECULAR GENETICS</b>	
1. Microbiology	100.00
<b>INTELLECTUAL PROPERTY RIGHTS, BIOSAFETY &amp; REGULATORY AFFAIRS TEACHING PROGRAMME (DBT)</b>	
1. Microbiology	46.50
<b>TECHNOLOGY INFORMATION, FORCASTING AND ASSESSMENT COUNCIL-TIFAC (DST)</b>	
1. Pharmacy	200.00
<b>STRENGTHENING OF INFRASTRUCTURE GRANT (UGC)</b>	
1. Food & Nutrition	30.00
2. Human Development & Family Studies	30.00
3. Chemistry	30.00
4. Pharmacy	20.00
5. Microbiology	20.00
6. Metallurgy & Material Sciences	20.00
7. Physics	20.00
<b>Total</b>	<b>1616.70</b>

## Institution of Gold Medals, Prizes & Scholarships

Sr. No.	Name of the Fund and purpose
1	SHRI KANTIBHAI ALIAS UMEDBHAI DAHYABHAI PATEL GOLD MEDAL donated by Smt. Urmilaben Markandbhai Bhatt Charitable Trust to be awarded to the candidate who stands first in order of merit in the criminal law group at the final year of LLM Examination of this University, provided that the candidate has passed I and II Semester of part I as a regular student and must stand first in first attempt obtaining highest number of marks at I, II, III and IV Semester taken together of LLM (Criminal Law) examination at first attempt. If candidate does not appear in any semester, it will be considered as an attempt.
2	PROF. R. H. SHAH UMRETHWALA MEMORIAL GOLD MEDAL donated by Prof. R. H. Shah Felicitation Committee to be awarded to the candidate who passed B. E. (Civil) Examination at first attempt with first class and securing highest number of marks in aggregate in the subject of materials & Structure, Theory of Structure-I and II taken together at B. E. II and B. E. III (Civil) Examination consecutively.
3	LODGE TYRRELL LEITH No. 43 GOLD MEDALS donated by Lodge Tyrrell Leith No. 43 to be awarded to <ol style="list-style-type: none"><li>1. The candidate who has passed the M. Sc. Final Examination (Part I &amp; II) of the Maharaja Sayajirao University of Baroda with Geography as Entire subject securing highest number of marks with first class at the first attempt.</li><li>2. The candidate who has passed the M. A. Final Examination (Part I &amp; II) of the Maharaja Sayajirao University of Baroda with History as Entire subject securing highest number of marks with first class at the first attempt.</li></ol>
4	DR. D. K. SHUKLA MEMORIAL GOLD MEDALS donated by Smt. Yashomati D. Shukla to be awarded to <ol style="list-style-type: none"><li>1. The candidate who has passed the M. A. Final Examination of the Maharaja Sayajirao University of Baroda with Economics Entire/Major obtained first with minimum first class at the first attempt taking M. A. I and M. A. II examination together.</li><li>2. The candidate who has passed the M. Com. Final Examination of the Maharaja Sayajirao University of Baroda with Business Economics Entire/Major standing first with minimum first class at the first attempt taking M. Com. I and M. Com. II examination together.</li></ol>

## Accolades & Honours Received By Students

- Kabaddi (women) team was runners up in State Level Tournament.
- University Table Tennis (women) team secured 3<sup>rd</sup> place at West Zone Level and qualified for Inter Zonal held at Kurukshetra University.
- Shri Jyoti Chhaya Awarded Ranji Award.

The following players played National Tournament.

Cricket	-	Laxmi Tomor, Taslim Shaikh, Karin Gardner, Sita Tomar, Ankita Patel, Nidhi Anjaria, Binaisha Surti, Kamran Shaikh, Gagandeep Singh, Aditya Waghmode.
Table Tennis	-	Krupa Majmudar, Neha Puri, Sanika Landge, Minaxi Gohil,
Hockey	-	Trushna Maheshwari
Badminton	-	Mansi Pandit
Athletics	-	Hansa Zada, kalvinkar Harshali, Phull Prabhjotsingh, Suhas Haridas.
Football	-	Shibi John
Kabaddi	-	Vishal Shahne

As a part of the National cadet corps activities, the following students received Accolades.

### Chief Minister Scholarship

- Cdt Udavat Govardhan Prem Singh, SUO Choudhary, Ishwar Nathu Singh, JUO Jani Pooja P. SUO Joshi Vaishali S. Sgt. Akhil Chokrovarthy, Cdt. Sagar Nihalchandani, CWO Hetashvi Patel, Cdt. Supriya Sain.

### Sahar Scholarship

- Cdt. Prajapati Jitesh Dineshbhai, Cdt. Chavda Mahendra Kumar Hirabhai, Cdt. Randhawa Laghwindersingh Gurdevsingh, Cdt. Prigya Surout, Cdt. Ranju Kumari.

JUO Ketan Prajapati and Cdt Anju Sharma participated in Kumar Surendra Singh Memorial championship at New Delhi (National Level) where cdt Anju Sharma won Brouze Medal.

### 3. Distinguished Lectures at the University

The following lectures were delivered under the auspices of the University Grants Commission Schemes such as Exchange of Teachers, National Lectures, Visiting Professors, Extra Mural Studies and under other Schemes of the University.

#### A. LECTURES DELIVERED UNDER UGC SCHEME(S) AT DEPARTMENT / FACULTY

Sr. No.	Name and Designation	Date	Scheme of Funding	Title
<b>FACULTY OF ARTS</b>				
<b>Department of English</b>				
1.	Dr. B.P.Giri Asst. Professor of English, Dartmouth College, New Hampshire	02-02-2008	UGC SAP DRS-I	The Humanist, the Philosopher and the Barbarian with reference to Issues of Identity
2.	Dr. M. Dasan, Prof. of English, Kannur University, Palayad (Kerela)	29-01-2008	UGC SAP DRS-I	Identity and Ethnicity: Colonial and Post Colonial Scenario
		30-01-2008	UGC SAP DRS-I	Identity and Performing Arts
		31-01-2008	UGC SAP DRS-I	Identity and the Other
3.	Prof. M.L.Tickoo Former Professor of ELT, CIEFL and National University of Singapore	23-01-2008	Under the Exchange of Teachers Programme UGC Unassigned Grant	1. English Studies in Indian Colleges – Part I 2. English Teaching in Indian Colleges – Part II 3. Three Paradigms in a 'non-either-ors' view
		24-01-2008	Under the Exchange of Teachers Programme UGC Unassigned Grant	1. College English : Teaching and Learning to Write 2. College English : Enriching Word Stock/Mastery: Scope and Strategies  Greater pro-activity in problem framing in ELT: Measurement and Evaluation Perspectives as resources  ICT in ELT
6.	Shri Joseph Macwan Eminent Gujarati Author and Activist "Chandranilay", Xavier's Road, Anand 388 001	04-01-2008	UGC SAP DRS-I	Colloquium: Situating Joseph Macwan: The Dalit Novel and Gujarati Literature
		05-01-2008	UGC SAP DRS-I	Rethinking <i>Angliyat</i> (The Step Child) Social Message in the Gujarati Novel with Special Reference to <i>Angliyat</i> (The Step child)
7.	Prof. A.K.Singh, Vice Chancellor Babasaheb Ambedkar University Ahmedabad	31-08-2007	UGC SAP DRS-I	Comparative Literature
8.	Prof. E.V.Ramakrishnan, Head , Department of English SVNSGU, Surat	01-09-2007	UGC SAP DRS – I	Strengthening Theoretical Frameworks: Challenges Ahead: Theory, Literature and Culture

# The Maharaja Sayajirao University of Baroda

## FACULTY OF EDUCATION & PSYCHOLOGY

### Department of Education

1.	Prof. Anil Kumar NITTR Shyamla Hills, Bhopal	27-02-2008	SAP 2007-08	Ideation of Data
2.	Prof. Anil Kumar NITTR Shyamla Hills, Bhopal	29-02-2008	SAP 2007-08	Analysis of data
3.	Prof. B.K. Passi President, AIAER, Indore	26-02-2008	SAP 2007-08	Panelist in plenary session on designing curriculum for wholistic Teacher Education
4.	Prof. S.C. Agarkar Homi Bhabha Centre for Science Education, TIFR, Mumbai.	17-03-2008	SAP 2007-08	Finding the genesis of Open Source Movement
		18-03-2008	SAP 2007-08	Survey of Open Educational Resources available on the internet
		22-03-2008	SAP 2007-08	Scope of Open Sources in India - its Status and Implication

### Department of Educational Administration

1.	Prof. Bernard Poole	05-05-2007	UGC-SAP (III)	Use of JCT for Quality Teaching
2.	Prof. Prasad Rao Y.F.W.	07-03-2008 to 20-03-2008	UGC-SAP (III)	Developing Organizational Vision
3.	Prof. S.N. Nagpal	10-03-2008 to 15-03-2008	UGC-SAP (III)	Professional Development of Educational Administrators
4.	Prof. Arun Kumar	12-03-2008 to 20-03-2008	UGC-SAP (III)	- Qualitative Methods of Educational Research - An Experience of Successful Administration at NTTR, Bangalore

## FACULTY OF FINE ARTS

### Department of Art History & Aesthetics

1.	Prof. Milind Malshe IDC-IIT, Powai, Mumbai	13-02-2008 to 21-02-2008	University Fund	Western Aesthetics & Criticism
----	---	-----------------------------	-----------------	-----------------------------------

### Department of Museology

1.	Dr. Kamal Jain Professor & Dean, Academic Affairs, National Museum Institute, New Delhi	04-01-2008 to 0-01-2008	UGC visiting fellow under XI <sup>th</sup> Five Year Plan	Conservation of Museum Objects
----	---	----------------------------	---	-----------------------------------

## FACULTY OF FAMILY & COMMUNITY SCIENCES

1.	Dr. Shah, T. Founder Sahiyar Stree Sangthan Baroda	30-08-2007	UGC-WSRC	Discussion on The Domestic Violence Act 2005
2.	Ms. Bakshi, M. Coordinator, OLAKH (NGO) Baroda	30-08-2007	UGC-WSRC	Negotiating Violence: Experiences of Women

## Distinguished Lectures at the University

3.	Ms. Khanna, R. Director, Sahaj Baroda	06-09-2007	UGC-WSRC	Human Rights and Health
4.	Ms. Sharma, M. Vikalp Baroda	06-09-2007	UGC-WSRC	Marginalized Sexuality and Gender
5.	Mr. Merchant, S. Lakshya Trust Baroda	06-09-2007	UGC-WSRC	Marginalized Sexuality and Gender

### FACULTY OF LAW

1.	Dr.Subhash Rathod	24-08-2007	Faculty of Law	Objective of Legal Education & Basis of Legal Research
2.	Dr.Apurva Pathak	26-10-2007	Faculty of Law	Arbitration and its meaning & Conciliation proceedings

### FACULTY OF SCIENCE

#### Department of Microbiology

1.	Prof. Doble Mukesh Dept. of Biotechnology, IIT, Madras	31-01-2008 to 01-02-2008	UGC-DRS	Statistical Design of Experiments
----	---	-----------------------------	---------	-----------------------------------

#### Department of Statistics

1.	Prof. Pandey Manju Ex.Prof.of Bio Statistics & Director, Computer Centre, Zoology Dept., Banaras Hindu Univ., Varanasi – 221005 (UP)	11-02-2008 to 13-02-2008	UGC Exchange of Teachers	Statistical Genetics
----	--	-----------------------------	-----------------------------	----------------------

### FACULTY OF SOCIAL WORK

1.	Prof. Vimala Nadkarni, Dean of Social Work, TISS, MUMBAI	03-02-2008 to 10-02-2008	U. G. C. - D. S. A. Programme	Lecture Series on: "Health and Development"
----	--	-----------------------------	----------------------------------	---

### FACULTY OF TECHNOLOGY & ENGINEERING

#### Department of Mechanical Engineering

1.	Mr. Kanetkar, R.R. Director, Sushrut Consultants A/10, Vaibhav Appts. B/H INOX Multiplex Race Course, Baroda	-	UGC X Plan Grant	Lectures on CAD/M
----	--	---	------------------	-------------------

### B. EXTRA MURAL TALKS AT DEPARTMENT / FACULTY

Sr. No.	Name and Designation	Date	Scheme of Funding	Title
<b>FACULTY OF ARTS</b>				
<b>Department of Sociology</b>				
1.	Dr. Shilpa Dave Assistant professor in American Studies, University of Brandeiss, Mass., USA	07-02-2008	Faculty of Arts	Arranged Marriage Practices amongst South Asians in USA

# The Maharaja Sayajirao University of Baroda

## FACULTY OF COMMERCE

1.	C.A. R.C. Thakkar	22-02-2008	University	Tax Aspects of Investment
2.	C.A. Manish Shah	08-03-2008	University	Union Budget Direct Taxes
3.	Shri Yogen Mahadevia	08-03-2008	University	Union Budget Indirect Taxes

## FACULTY OF EDUCATION & PSYCHOLOGY

1.	Prof. Sneha Joshi, University of Sydney, Australia	29-01-2008	The M.S. University of Baroda, Vadodara	Educational Management in India and Australia, An Analytical View
3.	Mr. Mujibur Rahman, Associate Professor, Govt. Teachers Training College, Pabna, Bangladesh	06-02-2008	The M.S. University of Baroda, Vadodara	Education System in Bangladesh

### Department of Psychology

1.	Prof. Clans Vogela, Director, Clinical Health & Research Centre, School of Life Science, Roehampton Uni. London, U.K.	01.02.2008	British Council	Self Regulations and Health
----	---	------------	-----------------	-----------------------------

## FACULTY OF FINE ARTS

1.	Shri Achyut Palav, Mumbai	28-09-2007 to 30-09-2007	Honorary	Calligraphy Workshop
2.	Shri Shirish Shete	16-01-2008	Honorary	Lecture & Slide Show on Documentary Photography
3.	Shri Samir Maholkar	28-01-2008 & 29-01-2008	Honorary	Demonstration & Workshop on Illustration/Cartoons

## FACULTY OF FAMILY & COMMUNITY SCIENCES

### Department of Clothing & Textile

1.	Dr. P.A. Khatwani Prof. & Head Textile Tech. Dept. Sarvjanik College of Engg. & Tech., Athwalines, Surat.	10-03-2008	The M.S. University of Baroda	"Trends in Woven Fabric Structures"
2.	Mr. Shatrugan Thakur Freelancer, Channi, Vadodara	27-03-2008	The M.S. University of Baroda	"Surface Decoration with Natural Dyes"

### Department of Extension and Communication

1.	Ms. Purvi Pandya Teacher, St. Paul School, Vadodara	07-08-2007	The M.S. University of Baroda	Human Puppets
----	---	------------	----------------------------------	---------------

### Department of Home Management

1.	Mr. Rakesh Dwivedi Vastu Expert 21, Yantrik Society Nr. Chanakyapuri, Sama, Vadodara	18-03-2008	UGC	"Vastu Shastra: basic concepts and theory and its use in interiors"
2.	Dr. Alok Prapanna OM ICU Nizampura, Vadodara	03-03-2008	UGC	Hypno Therapy for Relieving Stress

**FACULTY OF JOURNALISM & COMMUNICATION**

1.	Shri Alok Brahmabhatt, Infomedia, Mumbai	24-03- 2008	Extra Mural Fund	Photography
2.	Shri Maulik Buch Gujarat Samachar	07-03-2008 to 12-03-2008	Extra Mural Fund	Print Media
3.	Shri P.S. Chari Syndicate Bank, Bharuch	21-01-2008 23-01-2008 25-01-2008 28-01-2008 30-01-2008 02-02-2008 04-02-2008 06-02-2008 07-02-2008 14-02-2008 15-02-2008	Extra Mural Fund	Folk Media

**FACULTY OF SCIENCE**

**Department of Biochemistry**

1.	Prof. Rao R.K. Department of Physiology, College of Medicine, University of Tennessee, Memphis, Tennessee, USA	23-10-2007	-	Protein Phosphorylation In Regulation of Epithelial Tight Junctions
2.	Prof. Rao B.J. Dept. of Biological Science, TIFR, Mumbai	25-10-2007	-	Genome Dynamics-various time regimes : Nanoseconds to evolutionary time scales
3.	Prof. Sharma Shobhna TIFR, Mumbai	03-12-2007	-	Protective immune response versus pathology in malaria
4.	Prof. Lalitha Ramakrishnan Dept. of Microbiology Uni. of Washington, Seattle	08-12-2007	-	Studying Tuberculosis in the Transparent Zebra fish
5.	Dr. T. S. Reddy New Orleans, USA	09-01-2008	-	Gastroenterology : Present and Future
6.	H.R. Personnel, Institute of Clinical Research, India	01-03-2008	-	Challenges and Opportunities in Clinical Research
7.	Dr. Joshi Bharat H. NIH, Bethesda, USA	04-03-2008	-	Interleukin -13 receptor up regulation in Human Cancers

**Department of Chemistry**

1.	Prof. Mathur P. Indian Institute of Technology , Powai, Mumbai	23-02-2008 to 25-02-2008	-	Organo Metallic Chemistry
2.	Prof. Kotha S. Indian Institute of Technology , Powai, Mumbai	15-10-2007	-	Advanced NMR Spectroscopy

**Department of Geography**

1.	Prof. Shukla, S.K. Prof.& Head, Department of General and Applied Geography Dr.H.S. Gaur University, SAGAR (M.P)	29-12-2007		Change Case Environmental Issues and Unwilling Trends
----	--	------------	--	---

# The Maharaja Sayajirao University of Baroda

## Department of Mathematics

- |    |  |            |   |   |
|----|--|------------|---|---|
| 1. | Prof. Jani, Mahendra<br>Dept. of Mathematics,<br>William Patterson University,<br>Wayne, New Jersey, USA | 09-08-2007 | - | Catalon Numbers and the<br>related Problems in<br>enumerative Combinatorics |
| 2. | Prof. Bhatnagar Satish<br>Professor of Mathematics<br>University of Nevada,<br>Las Vegas, USA            | 17-12-2007 | - | MS Programme in USA<br>(Counselling)  |

## FACULTY OF SOCIAL WORK

- |    |   |            |                                   |   |
|----|---|------------|-----------------------------------|---|
| 1. | Dr. Pinal Gandhi<br>Psychiatrist, Hospital for<br>Mental Health, Vadodara                         | 25-02-2008 | The M. S. University<br>of Baroda | 'Community Mental Health'                         |
| 2. | Dr. Sujata Rajapurkar.<br>Medical Social Worker,<br>Mulajibhai Patel Urological Centre,<br>Nadiad | 20-02-2008 | The M. S. University<br>of Baroda | 'Social Work and Nephrology'                      |
| 3. | Shri. Bhaskar Joshi.<br>General Manager (HR)  | 18-02-2008 | The M. S. University<br>of Baroda | 'Secret of Success' World<br>Class Organization   |
| 4. | Fr. P. D. Methew.<br>Director, Centre for Human   | 09-01-2008 | The M. S. University<br>of Baroda | 'Public Litigation – Right to<br>Information Act' |
| 5. | Ms. Kalpana Matonputra.<br>Consultant, Baroda   | 15-03-2008 | The M. S. University<br>of Baroda | Communication                                     |
| 6. | Ms. Aruna Lakhani.<br>Ex-Director, DCT, Baroda  | 05-03-2008 | The M. S. University<br>of Baroda | 'Women Empowerment'                               |

## FACULTY OF TECHNOLOGY & ENGINEERING

### Department of Architecture

- |    |   |            |  |  |
|----|---|------------|--|--|
| 1. | Mr. Shah, Sanjiv.<br>Civil Engineer, Co-opt member<br>of All India Managing Committee<br>of BAI, Fellow member of<br>International Council of Consultant,<br>Vadodara | 01-08-2007 |  | In search of Excellence in<br>Career and Social Life |
| 2. | Prof. David Pulsipher<br>U.S.A.   | 13-02-2008 |  | Philosophy of Violence in<br>American Cowboy Film    |

### Department of Electrical Engineering

- |    |  |            |  |  |
|----|--|------------|--|--|
| 1. | Shri Sanghani Jagdish,<br>Consultant<br>53, Kings Land Road,<br>Aylesbury, Pucks, HP 21 9SL, UK  | 07-01-2008 |  | Embedded System – A Brief Run<br>Down, Lean Tomorrow's<br>Technology Today |
| 2. | Shri L. Victor Irudhayaraj,<br>Sr. Marketing Engineer,<br>Vi-Microsystems Pvt. Ltd.<br>Plot No. 75, Electronics Estate,<br>Perungudi, Chennai-96 | 24-01-2008 |  | Embedded Systems   |
| 3. | Shri Jha, Tanmay<br>Ernst and Young [E & Y], Singapore   | 16-02-2008 |  | IT Consulting in the Face of<br>Globalization                              |

## Distinguished Lectures at the University

### Department of Pharmacy

1.	Dr. Mehta Viren Founder and Managing Partner LLC USA	28-09-2007	Mehta Partners	Future Direction for pharmaceutical Research and Regulatory affairs
----	--	------------	----------------	---

### C. LECTURES DELIVERED UNDER ANY OTHER SCHEME(S) AT DEPT./FACULTY

Sr. No.	Name and Designation	Date	Scheme of Funding	Title
<b>FACULTY OF ARTS</b>				
<b>Department of History</b>				
1.	Prof. John Reid Prof. of History St. Mary's University Halifax, Canada	25-01-2008		Military and Diplomatic Contacts between Indigenous Civilizations and the British Empire
<b>Department of Linguistics</b>				
1	Prof. Uday Narayan Singh Director, CILL, Mysore	28-07-2007		Scope of Linguistics
2	Ms. Jagruti Trivedi Professional Translator	07-12-2007		Translation: The Present Scenario
<b>Department of Philosophy</b>				
1	Swami Brahmatmanandji Shruti Mandir, Sama, Vadodara	30-09-2007 to 08-10-2007	Self Finance	Jivan Ek Utsav, Mrityuh Ek Mahotsav
<b>Department of Russian</b>				
1.	Ms. Irina Bashkirova, Dy. Consul General of the Russian Federation in Mumbai	02-04-2007	Consul General of Russia in Mumbai	Russian Studies Abroad
2.	Mr. Andrei Nazarkin, Vice-Consul General of the Russian Federation in Mumbai	02-04-2007	Consul General of Russia in Mumbai	Russian Studies in India
3.	Mr. Gaurav Kumar Assistant Professor, Centre for Spanish and Latin American Studies, JNU, New Delhi	12-12-2007 26-12-2008	Department of Russian Studies,	Speech and Structure of Modern Spanish
4.	Prof. Aparajit Chatopadhyay Chairperson, Centre for Spanish and Latin American Studies, JNU, New Delhi	27-12-2007 04-01-2008	Department of Russian Studies,	Speech and Structure of Modern Spanish
5.	Prof. Vinay Totawar Department of Russian, CIEFL, Hyderabad	05-01-2008 to 07-01-2008	Department of Russian Studies,	Speech and Structure of Modern Russian
<b>FACULTY OF COMMERCE</b>				
<b>Department of Accounting and Financial Management</b>				
1.	C.A. Sanjeev Shah	27-12-2007	-	Cyber Crimes and Information Technology

# The Maharaja Sayajirao University of Baroda

## Department of Commerce Incl. Business Administration

1.	Prof. D. P. S. Verma, Director, NICE Institute of Management Studies, Meerut	-	MSA	Management skills- Core competence
2.	Prof. R. M. Pandya,	-	MSA	Consumer Education
3.	Dr. Navin Mathur, Professor Department of Business Administration, University of Rajasthan, Jaipur	-	MSA	Indian Ethos in Management
4.	Prof. N. M. Pandya, Retd.Prof. of Economics, MS University of Baroda	-	MSA	Indian Economy and Globalization
5.	Prof. B. P. Singh, Chairman, Delhi School of Professional Studies& Research, New Delhi	-	MSA	Global Competitiveness
6.	Dr. Chandra Mohan, Advisor, International Higher Education, University of Jammu	-	MSA	International Higher Education Linkages
7.	Dr. R K Dhawan, Associate Professor of English, University of Delhi	-	MSA	Economic Development and Environment Management

## FACULTY OF EDUCATION & PSYCHOLOGY

### Department of Educational Administration

1.	Mr. A.K. Sinha	13-3-2008	DRS-SAP(III)	Action Research in Educational Management
----	----------------	-----------	--------------	--

### Department of Psychology

1.	Dr. Patti Wallace. Asst. Dean School of Life Science, Roehampton University, U.K.	22-04-2007 to 28-04-2007		British Council Suicidal Risk Assessment and Prevention
----	---	-----------------------------	--	---

## FACULTY OF FINE ARTS

### Department of Art History & Aesthetics

1.	Dr. Kenneth Robins, USA	28-01-2008	-	The Biography of Begum Samru of Sardhna based on visual images  History of African elites in India based on paintings of Architecture
2.	Dr. Anthony Korner, Publisher of Art Form	30-01-2008	-	Art Forum Scenario and Movie on Helen – The Queen
3.	Prof. P.C. Kar	22-04-2008 to 30-04-2008	-	Contemporary Critical Theories

### FACULTY OF FAMILY & COMMUNITY SCIENCES

#### Department of Home Management

- |    |  |            |      |                           |
|----|--|------------|------|---------------------------|
| 1. | Mrs.Nayana Parekh<br>Beauty Expert,<br>Javed Habib's Saloon, Akota, Vadodara   | 03-03-2008 | AHMA | Personal Grooming         |
| 2. | Mrs.Kalpana Rochani<br>Beauty Expert, Lakme Saloon<br>Old Padra Road, Vadodara | 28-03-2008 | AHMA | Self Grooming for Hostess |

### FACULTY OF MEDICINE

#### Department of Skin & V.D.

- |    |                                      |                             |   |   |
|----|--------------------------------------|-----------------------------|---|---|
| 1. | Dr. Mrs. V.N. Swadia<br>Prof. & Head | 07-01-2008 to<br>30-03-2008 | S.I.H.F.W.<br>Sola, Ahmedabad<br>under RCH II<br>Scheme | Basics of Anaesthesia<br>PAC & Patient Preparation<br>Premedication<br>CPR & Defibrillation<br>Local Anaesthetics<br>Exam. (Tier 1b)<br>Difficult Intubation Drill/Cart<br>Trauma in Pregnancy<br>Analgesics Narcotics & Non-<br>Narcotics<br>Muscle relaxant & Reversal<br>agents<br>Case Presentation-Difficult<br>airways<br>Case Presentation - COPD  |
| 2. | Dr. Mrs. M.P. Golwala<br>Prof.       | 07-01-2008 to<br>30-03-2008 | S.I.H.F.W.<br>Sola, Ahmedabad<br>under RCH II<br>Scheme | Changes in pregnancy<br>including physiological<br>consideration<br>Hypertension/Pre Eclampsia/<br>Eclampsia<br>Questions & Answer<br>Anaemia & Pregnancy<br>Chronic Renal failure<br>COPD & Pregnancy<br>Diabetes & Pregnancy<br>A.P.H. & P.P.H.<br>Exam.(Tier 1b)<br>Liver diseases & pregnancy &<br>Coagulation disorder<br>Case Presentation - A.P.H. &<br>Toxemia<br>Case Presentation - R.H.D. &<br>Anaemia |
| 3. | Dr. M.R. Upadhyay<br>Asso. Prof.     | 07-01-2008 to<br>30-03-2008 | S.I.H.F.W.<br>Sola, Ahmedabad<br>under RCH II<br>Scheme | Operation Room Preparation<br>Ethical & medicolegal aspects<br>Complications of anaesthesia<br>Vascular cannulation<br>Post anaesthesia care /<br>recovery & O2 therapy<br>Perioperative Fluid therapy,<br>Blood Transfusion & Acid<br>Base balance<br>Vasopressor &<br>Sympathomimetics  |

				Prokinetics & Antiemetics Death on table Do's & Don't
4.	Dr. J.C. Vasava Asso. Prof.	07-01-2008 to 30-03-2008	S.I.H.F.W. Sola, Ahmedabad under RCH II Scheme	Airway Anatomy & positioning Airway gadgets (LMA, ET Tube Combitube etc.) Endotracheal Intubation Intubation practice on Mannequin Hands on practice G.A.-I.V. Induction agents Intubation practice on Mannequin Ventilation with Ambu bag Anaesthesia Record Keeping Exam.(Tier 1b) RHD & Pregnancy Inhalational anaesthetic agents
5.	Dr. Mamta G. Patel Asso. Prof.	07-01-2008 to 30-03-2008	S.I.H.F.W. Sola, Ahmedabad under RCH II Scheme	Spinal Anatomy & Positioning Physiology of Spinal anaesthesia Intra -op. management, of spinal anaesthesia, complications & treatment Anaesthesia machine Monitors including defibrillator Checking, Preparation & Maintenance of Anaesthesia Machine Exam (Tier 1a) Neonatal resuscitation Pain relief & regional blocks including Epidural anaesthesia Drugs Instruments

**FACULTY OF SCIENCE**

**Department of Geology**

1.	M. Raj Gopal Rao, Group General Manager, O.N.G.C. Ltd, Dehradun	22-09-2007	-	ONGC Museum
2.	Dr. S. R. Nayale, Director, INCOIS, Hyderabad	22-12-2007	-	Tsunami Warning System
3.	Shri Rooupchand, General Manager, O.N.G.C. Ltd, Vadodara	12-01-2008	-	Geophysics in Oil Exploration

**Department of Mathematics**

1.	Dr. Karia Dinesh Dept. of Mathematics, S.P. University, Vallabh Vidyalagar	20-12-2007	Indian Mathematical Society	The Banach Algebra of Functions with Limits
2.	Prof. A.K. Desai Dept. of Mathematics, Gujarat University, Ahmedabad.	04-02-2008	Indian Mathematical Society	Finite Geometries

## Distinguished Lectures at the University

3.	Shri Trivedi Kamlesh	30-08-2007	-	Rearrangements of Series
4.	Dr. Thomas V.O.	06-09-2007	-	The Number $\Pi$ and its applications
5.	Shri Ghodadra B.L	20-09-2007	-	Contor Ternary Functions and Some Applications of it
6.	Dr. Shah Ekta G.	27-09-2007	-	Shift System
7.	Dr. Shah Sejal K.	04-10-2007	-	Latin Squares
8.	Shri Patel Divyesh J.	11-10-2007	-	Group action and its application
9.	Ms. Shah Dhara	18-10-2007	-	Kittai's theorem and two of its applications
10.	Shri Akhil Mittal	29-11-2007	-	A relatively elementary proof of a characterization of polynomials

### Department of Physics

1.	Dr. Gireesan K. Scientist Indira Gandhi Centre for Atomic Research, Kalpakam(TN)	10-01-2008	Honorary	Development and Utilization of SQUID sensors
2.	Mr. Rakesh Kumar, Scientist IUAC, New Delhi	28-02-2008	Honorary	Particle Interaction Measured at low Energy and Relativisties Energies
3.	Prof. B. R. S. Babu, Professor Physics Department, Calicut University, Calicut	18-02-2008 to 19-02-2008	Honorary	(i) Nuclear Structure (ii) Introduction to Astrophysics

### FACULTY OF TECHNOLOGY AND ENGINEERING

#### Department of Metallurgical and Materials Engineering

1.	Shri Bala Kamath, President, Jhagadia Copper Ltd., Jhagadia	20-07-2007	-	Non-Ferrous Minerals & Metal Industries
2.	Shri A.K. Singh, Director, ERDA, Baroda	27-07-2007	-	Industry-Faculty-Students interaction on Hard Core Engineering
3.	Dr. Thanki, G.H. Ex-Vice President, Advance Tech. Ltd., Por	03-08-2007	-	Metallurgy and Corrosion for Chemical Industries
4.	Shri Singh, M.P. Director (Operation), Steelco Gujarat Ltd., Palej,	10-08-2007	-	Scope & Advances in Cold Rolling and Galvanizing
5.	Shri Gauri, B.S. General Manager (Smelter), Hindalco Industries Ltd., Dahej	17-08-2007	-	Advances in Copper Metallurgy
6.	Dr. Pradeep, Head, Materials Group, Tata Research Development & Design Center, Pune	21-09-2007	-	Advances in Materials & Mineral Processing
7.	Dr. Shuka, A.K. Edison Welding Institute, Columbus, OH	29-02-2008	-	Friction Stir Welding of Thin-sheet, Age-Hardenable Aluminium Alloys: A Study of Process / Structure / Property Relationship

## The Maharaja Sayajirao University of Baroda

---

### Department of Applied Mathematics

1.	Dr. Agrawal, S.R. B/34, MihirKunj, Narendra Park Soc, Karelibaug, Baroda	-	M.S.University, Baroda	Functional Analysis
2.	Shri Johri, A. B/1, Amul Apartment, Subhanpura,Baroda-23	-	M.S.University, Baroda	Principles of DBMS
3.	Dr. Pathak, V.D. Principal, MCA Dept. at Changa. Vitthal Mandir, Radha Krishnani Pole, Near Khanderao Market, Baroda	-	M.S.University, Baroda	Optimization - I, Advanced Analysis, Theory of Comp. Sci.
4.	Shri Patel, R.K. Shreyas Society, V.K.V. Road, Nadiad-387001	-	M.S.University, Baroda	OOPS
5.	Shri Shah, D. Manager(IT) GACL K.C.Shah Building, Dera Pole, Palace Road, Vadodara	-	M.S.University, Baroda	RDBMS

### ORIENTAL INSTITUTE

1.	Dr. Sridhar Andhare Former-Honorary Director The Lalbhai Dalpatbhai Museum, Ahmedabad	07-02-2008 08-02-2008	Late Dr. U.P. Shah Memorial Lecture Series	Jain Monumental Paintings
2.	Shri Chandrashekhar Anant Athavale from Varadananda Pratisthan, Pandharpur	29-12-2008	-	Ancient Indian Scientific Heritage - In Modern Context

---

## 4. Faculty of Arts

### 1. INTRODUCTION

A premier institution of teaching and research in languages, social sciences and humanities, the Faculty of Arts, owes its parentage to The Baroda College, established in 1881 by Maharaja Sayajirao Gaekwad – III. The Faculty is sanctified by the name of the seer and philosopher Aurobindo Ghosh who had been appointed by Sir Sayajirao to teach English and also as the Vice-Principal of the erstwhile Baroda College. The alumni of the Baroda College included well-known personalities like Acharya Vinoba Bhave, Shri Rang Avadhoot, Shri Mota, Shri K. M. Munshi, Kakasaheb Kalelkar, Shri Rajendra Shah, Prof. I. G. Patel and others.

The founding vision of the Faculty was charted, realized, and furthered by eminent academicians in different disciplines, and even today, through its sustained efforts, it remains committed to the enhancement of this rich tradition as well as the expectations and demands of the globally changing environment. Among other institutions in the region, the place of the Faculty of Arts is distinguished by a wide variety of disciplines, in which training and knowledge are imparted.

The Institution has always endeavoured to establish a network of intellectuals with a view to contributing to the cause of education and enhancing its realm, responsive to the changes taking place in the field of knowledge and technology, encouraging multi and interdisciplinary research, introducing and developing courses, bringing them in line with contemporary theoretical developments and relating them to societal concerns and issues.

The Faculty sincerely attempts at promoting and developing educational opportunities in tandem with the demands of social justice.

#### **DEPARTMENT OF ARCHAEOLOGY AND ANCIENT HISTORY**

Instituted in 1953, the Department stands for understanding Indian Culture as a whole, emphasizing on research in various aspects of Indian Archaeology which include studies in ancient science and technology, palaeo-environment and problems regarding the formation of the earliest urban and rural centers in western India. Recently the Department successfully completed Phase – I of the DRS-SAP Program.

Research undertaken by the Department has contributed to the development of the discipline of Archaeology in the country. The Department through its regular exploration and excavation programme has been able to cover practically the whole of Gujarat so that it now has an excellent picture of Gujarat and its regions through the prehistoric, proto-historic, early historic and medieval periods. Dissemination of knowledge relating to human antiquity and cultural development is imparted at formal and informal levels through the departmental museum. Archaeological collections are also lent out to form national and international exhibitions. During the current academic year the Department conducted excavations at Shikarpur, a mature Harappan Site at Kutch.

#### **DEPARTMENT OF ECONOMICS**

Established in 1949 the Department of Economics was honoured with the establishment of the I.P.C.L. Centre for students in National and International Industrial Development in 1977 from the endowment fund at Rs.6 lakh. It was also recognized as a Department for Special Assistance in 1985 and has been granted IVth Phase at DSA Program from 2002-2003 to 2006-2007. The Planning Commission's Centre for Research in Planning and Development was established in April 1995 from the endowment fund of Rs. 30 lakh. The Department received a grant of Rs. 5 lakh from Canara Bank to purchase books and journals on Money and Finance. The Department received a grant of Rs.1.5 lakh from the World Bank to purchase books on Environmental Economics.

#### **DEPARTMENT OF ENGLISH**

Besides being the largest department in the Faculty of Arts, the Dept. of English caters to the English needs across faculties of the University. The Department has been awarded UGC SAP-DRS (Phase I) for the project entitled 'Cultural Representations and the Question of Identity in Western India: 1960-2000'. The thrust area of the research project is the examination of questions of identity from the 1960s onwards as they have emerged in debates and discussions conducted in little magazines and other forums, in the Western region of India.

The Department has also been identified as one of the major centres in Western India for conducting Refresher Courses in English. It has successfully conducted two Refresher Courses since 2002. The Department is proud to be at the forefront of innovative and challenging courses in English Studies.

#### **DEPARTMENT OF GERMAN**

Established in 1962, the Department of German, a P.G. Department, offers full-time and part-time courses for students and general public. It has now established itself as one of the premier institutions of German Studies in India. It is the

## The Maharaja Sayajirao University of Baroda

---

first Department in India to use the concept of "DACHL" and pioneered in spreading it to the other universities. It has separate papers on Austrian, Swiss and Migrants Literature in the curriculum and promoted European perspective of German Literature. The new syllabus, which includes papers on linguistics and didactics, was approved during the current academic year. The teaching faculty of the Department and its students have been selected to visit the German speaking countries under fellowships and students exchange programmes.

### **DEPARTMENT OF GUJARATI**

The Department was established in 1950. Prof. Bhogilal Sandesara, an eminent philologist and a scholar of medieval Gujarati literature shaped it in the early years and Prof. Suresh Joshi, a well-known creative writer and critic of modern times in the later years. The Department is also proud of its former Head and Professor Emeritus, a prolific writer and a poet, Sitanshu Yashschandra, who was honoured with the award of *Padmashree*. The Department now comprises of well-known research scholars, critics, creative writers, editors and translators.

The Department has a Documentation Centre having two collections of MSS, one from Ramanlal Desai, a well-known Gujarati Novelist, another from Rasiklal Parikh, a well known dramatist and critic. The Center has a precious collection of 492 MSS of Gujarati literature, some of them are illustrative. The Department also has a very good collection of nearly 500 manuscripts of medieval period.

The Department has **Prof. B.K.Thakor Series** and **Sayajivijay Granthmala** publication series. Nearly 30 books have been published under these series so far. **Prof. Bhogilal Sandesara Vyakhyanmala** and **Prof. Ranjit Patel 'Anami' Vyakhyanmala** are the two lecture series conducted by the Department every year. The department conducts proficiency tests for the newly appointed teachers of the university.

### **DEPARTMENT OF HINDI**

The Department of Hindi is one of the the largest in the Faculty in terms of students' strength. About 1750 students are enrolled at UG & PG Classes. The teachers of the Department have distinguished themselves by their research and other contributions. The Department organized one National Seminar and one Kavi Sammelan during the year.

### **DEPARTMENT OF HISTORY**

Founded in 1949, a Special Assistance Programme was accredited to the Department during the VIth Plan period. The Department offers specialization in Medieval and Modern Indian History at the U.G., P.G., M.Phil & Ph.D levels. Emphasis is given to periodical restructuring and revision of courses to ensure relevance of the curriculum.

Research encompasses various aspects relating to the history of Western India. Under the DSA programme, the Department had acquired a large collection of documents in Modi (script) from two prominent banking houses – Hari Bhakti and Shamal Bechar. Besides this collection, there are numerous other primary and secondary sources pertaining to the modern period. The department is working towards developing an archival cell and has sought grants from the XIth plan.

### **DEPARTMENT OF LIBRARY & INFORMATION SCIENCE**

Established in 1956, with a Post-Graduate Diploma in Library Science, today the department offers BLIS, MLIS and Ph.D. in Library and Information Science. Schools of Library Science are engaged in the task of human resource development to meet the challenges of the knowledge society. Our vision, therefore, is to develop into a model Centre for imparting training in application of information technology and information handling, which are extremely essential for the overall development of the society. This department has been producing professionals, who are in demand in academic, research and industrial libraries in India.

### **DEPARTMENT OF LINGUISTICS**

Instituted in 1964, the Department offers general and specialized courses in linguistics at Undergraduate and Postgraduate levels. It is one of the few Departments in the country to offer Linguistics at the Under graduate level. Through its interdisciplinary course structure and research work, the department has contributed towards various other fields, such as Anthropology, Psychology, Translation Studies and Language technology. Since 2003, the Department has been organising-National Workshops in collaboration with the Central Institute of Indian Languages, Mysore; Language Technologies Research Centre, IIIT, Hyderabad; Rashtriya Sanskrit Vidhyapeeth, Tirupathi; the Resource Centre for Indian Language Technology-Gujarati, The Maharaja Sayajirao University of Baroda, Vadodara, towards promoting and developing language technology applications. In the coming years the Department proposes to consolidate quality research, attract a larger number of students by creating awareness of the importance of the discipline and to enhance interdisciplinary and multidisciplinary quanta in teaching as well as research.

### **DEPARTMENT OF MARATHI**

The Department of Marathi was established in 1881 in the erstwhile Baroda College. The Department is actively involved in promoting Marathi Language and Literature by giving emphasis on teaching and research. It is functioning as a full-fledged Department, facilitating studies at UG and PG and Ph. D levels. The Department of Marathi is a pioneering institution in Marathi Language and Literature Studies in the western part of the country, particularly in Gujarat.

### **DEPARTMENT OF PERSIAN ARABIC AND URDU**

Started in 1881, the Persian department offers courses in Persian at UG, PG and Ph.D. levels. It also offers Certificate and Diploma courses in Modern Persian. So far, five Ph.D. degrees have been awarded in Persian. Its thrust areas are Classical and Modern Persian Language and Literature as well as Persian Literature produced in Indian, especially in Gujarat.

This is the only department in Gujarat where Arabic is taught at Certificate, Diploma, FYBA, SYBA (Minor) and Ph.D. levels. Till date, two Ph.D. degrees have been awarded in Arabic. Its thrust areas are Modern Arabic Language and Literature and Arabic Phonology. Modern Arabic is specially taught in Certificate and Diploma classes.

Urdu is also taught in the department at FYBA, SYBA (Minor), MA (Subsidiary) and Ph.D. levels. Till now, three Ph.D. degrees have been awarded in Urdu. Its thrust areas are Modern Urdu Language and Literature, Criticism and Urdu Literature produced in Gujarat.

### **DEPARTMENT OF PHILOSOPHY**

For the last many years the number of students at the UG and PG classes, which is considerably good, has remained intact and appreciating one. As a result of full strength of students at FYBA, the selection of Philosophy at Major and Minor at SYBA has boosted which has a good effect at Post Graduation level as well.

It is a noteworthy matter that UGC has selected this department for the current XIth plan for establishing a Centre on 'Sri Aurobindo's Studies' under the UGC head of 'Epoch-making Personalities of India'. A sizeable grant is endowed to the department in this scheme and the department is beginning to form working and advisory committees for the same.

In the current year, the department had a memorandum of understanding with Sri Aurobindo Centre of Advanced Research (SACAR) Puducherry. Mr. Vladimir Latenko, a Russian Scholar of Sanskrit and Indian Philosophy from the University of Pittsburg and now residing at Puducherry has been registered as the first candidate for Ph.D degree under this joint programme.

### **DEPARTMENT OF POLITICAL SCIENCE**

The Department of Political Science was established in 1954. From the beginning it attracted to its portals the best talent among teachers and students. Many faculty members of the Department brought national and international fame to the institution. In June 1984, the Department became the first in the country to be brought under the University Grants Commission's Special Assistance Programme which continued up to 31 March, 2002. It successfully completed three phases of the programme. In 1988, the Ford Foundation sanctioned a prestigious grant to the Department for the advancement of teaching and research in International Relation Studies which lasted up to 31 March, 2001. The Department is privileged in enrolling students from all the regions of India as well as several countries of Asia and Africa. The students periodically organise various extra-curricular activities like debates, group discussions as well as cultural evenings. The Department of Political Science was awarded a grant of Rs. 33.80 lacs for three years (1-4-2004 to 31-3-2007) under the UGC Assistance for Strengthening of Infrastructure for Humanities and Social Sciences (ASIHSS) Programme.

### **DEPARTMENT OF RUSSIAN AND FRENCH**

The Department of Russian and French is one of the only Centres of Higher Education in the Western Region of India, imparting training in Russian Philology at UG, PG and Doctoral levels. Over five decades of its existence the Department has been known for its active role in its field, and today it is also recognized for some of its courses, offered in lieu of those, equivalent in seven leading CIS Universities of higher education in different branches of knowledge.

Being situated in the heart of the industrial belt, it has made valuable contributions to Indian Collaborations and Joint Ventures with CIS Countries in the fields of Science and Technology.

The major Thrust areas are: Methods of teaching Russian as a Foreign Language and Interference of the Mother Tongue in the Target Language Acquisition, Audio-Visual Aids and Interactive tools in teaching the Target Language, Comparative Studies in Contacting Languages and Literatures, Practical Stylistics in Organisational Behavior, Travel and Tourism, Hospitality and Human Resources Management etc.

The department during the academic year 2007-2008 started offering MA Subordinate, aimed at interdisciplinary and contrastive studies in the fields of language, literature and culture. All Academic and Co-Curricular activities, programmes and syllabi for various courses are detailed at the website: [www.geocities.com/drflmsub](http://www.geocities.com/drflmsub).

The teaching of French started in the erstwhile Baroda College in 1897. Despite severe constraints, teaching of French has achieved several milestones and is flourishing well academically. From the academic year (2005-2006), Second Year Major in French and Advanced Diploma in French were started. Teaching of French Language, Literature, Translation, Civilization and Culture are the strong academic points of the Department. Many students from the Department have been placed as language executives in various companies in India and abroad, and there is also a constant demand for translators. The communicative method is used and the students learn through projects, presentations, poetry recitations, French songs and debates. The liaison between the French Embassy and the Department is very strong. The Department contributes to Extension work by teaching, designing syllabi and courses for the Center for Continuing Education, and for the Self-Financing Courses.

### **DEPARTMENT OF SANSKRIT PALI AND PRAKRIT**

The Department of Sanskrit, Pali & Prakrit is one of the important centres of Sanskrit studies providing facilities for teaching and research in three ancient languages viz. Sanskrit, Pali & Prakrit. It has also the distinction of having a provision for study and research in fourteen Shastra disciplines like Vedanta, Purana, Alankara etc. The Department has maintained a strong research culture and demonstrated an impressive record of producing doctoral research works. Forty-five students have been awarded their Ph.D degrees and twenty-five students are working at present for the same. The special papers for the study of Pali & Prakrit languages have been introduced at PG level. The technical subjects like the Arthashastra of Kautilya and Yogasutras of Patanjali etc. have been incorporated in the curriculum to facilitate the study & research in the fields which are relevant in the present social scenario. Some of the papers are included in the course as a part of communicative Sanskrit, keeping in view the needs and problems of the students.

### **DEPARTMENT OF SINDHI**

Sindhi was introduced in the Faculty of Arts in the year 1965. The subject is offered at FYBA level as additional and optional papers. At the SYBA level, Sindhi is offered as a minor paper. There has been a consistent demand for higher courses in the subject. A symposium was organized for school and college teachers to discuss their ideas about the language and a feed back of young views through surveys and opinion poll regarding different issues.

### **DEPARTMENT OF SOCIOLOGY**

The Department of Sociology came into existence in June 1951. Professor M. N. Srinivas, was the founder and the first Head of the Department. Under the able guidance of M. N. Srinivas and I. P. Desai, the Department earned a name as a leading department of teaching and research in Sociology in India.

The syllabi for various courses are revised from time to time with a view to bringing them at par with those suiting to the contemporary academic demands. At the post-graduate level, there is an emphasis on both theoretical and empirical materials. The Department has instituted the M. N. Srinivas Scholarship for PG students, and the I.P. Desai Scholarship for UG students. The Gift Book Collection Library is a unique feature of the department. It is a collection of books, gifted by students, teachers and other donors.

### **S.K.S.D. JAIN ACADEMY – EDUCATION AND RESEARCH CENTRE**

The Certificate course in Jainism was held during Jan-March 2008. About fifteen students registered for the course. The faculty from Arts, Oriental Institute and visiting guests from Mumbai held the classes. The SKSD Jain Academy organized the mega event of Seminar on the subject 'The Significance of Jain Studies in Contemporary Times' at C.C. Mehta Auditorium on August 24, 2007. Dr. Meenal Katarnikar (Jain Academy, Mumbai) Dr. Niranjana Vora (Jain Studies, Gujrat Vidyapitha), Dr. Bipinbhai Doshi (Social Worker, Mumbai), Prof. R. A. Vora (M.S.U, Vadodara), Dr. Prakash Shah (Syndicate Member, M.S.U.) addressed the gathering. The founder luminary of the Academy Sri Kiritbhai Doshi (Mumbai) was the Chief-guest.

### **CENTRE FOR CANADIAN STUDIES**

Centre for Canadian Studies was established by the UGC in 1991 and was elevated to Area Studies Centre in 2002. The main thrust of the Centre is research in the areas of economic development, international trade, environment, managing diversity, immigration and gender studies. The centre works in close association with several depts., of the Faculty of Arts and the Univ, Shastri Indo-Canadian Institute and Canadian High Commission. The Centre houses about 4000 books and several Journals in Canadian Literature and in social science disciplines which are extensively used not only by students and researchers from the Univ, but also from various other parts of India.

2. **BOARDS OF STUDIES**

Sr. No.	Name of the Board of Studies	Sr. No.	Name of the Board of Studies
1.	Sanskrit, Pali & Prakrit Language & Literature	10.	History
2.	Persian, Arabic & Urdu Language & Literature	11.	Philosophy
3.	Hindi Language & Literature	12.	Linguistics
4.	Gujarati Language & Literature	13.	Library & Information Science
5.	Marathi Language & Literature	14.	Political Science
6.	English Language	15.	Economics
7.	Russian Studies	16.	Traditional Sanskrit Studies
8.	Sociology	17.	German
9.	Archaeology, Ancient History & Culture	18.	French Studies

3. **(A) RESEARCH PROJECTS AWARDED BY OUTSIDE FUNDING AGENCY**

Sr. No.	Name (s)	Title	Funding Agency	Grants in Rupees
<b>Department of Gujarati</b>				
1.	Mehta, B.B.	Gujarati Dalit Novels	I.I.A.S. Shimla	12,000
<b>Department of Sociology</b>				
1.	Rajaram, N.	Situation Analyses of Cotton Grower in Gujarat as Part Study on Situation Analysis of Cotton Growers in India	Centre for Policy Research, New Delhi	5,50,000

**(B) RESEARCH PROJECTS CONTINUED FROM PREVIOUS YEAR**

Sr. No.	Name (s)	Title	Date of Award	Funding Agency	Grants in Rupees
<b>Department of Archaeology &amp; Ancient History</b>					
1.	Sant, D. A., Krishnan, K., Rangarajan, G.	Characterisation of Quaternary sediments with special reference to climate variability and cultural evolution	March 2005	DST Department of Science and Technology	7,78,000
2.	K. Krishnan (Team member): R. Korisetar and M. Petraglia (Directors)	The Prehistory of Kurnool District: Archaeological and Palaeo-environmental studies in Southern India – A multidisciplinary and multinational project	October 2003	Cambridge University	Participation by invitation
3.	K. Krishnan et. al.	The Anuradhapura (Sri Lanka) Project: A multi disciplinary and multi-national project	January 2005	Arts and Humanities Foundation	Participation by invitation
4.	Prathapachandran, S.	Excavations at Bat, Sultanate of Oman	Continuing from 2006	National Geographic Society, USA Working with a team directed by Professor G.L. Possehl, University of Pennsylvania, USA	

# The Maharaja Sayajirao University of Baroda

## Department of Hindi

1. Daksha M. Mistry Critical edition of the poems of the Nirgun Sant Poet Vajid Since April-2005 Hungarian University, Hungary

## 4. (A) BOOKS & EDITED VOLUMES PUBLISHED

Sr. No.	Author(s)	Title	Name of Publisher, Year and Place of Publication
---------	-----------	-------	--

### Department of English

1. Salat, M. F. Gorackgopalam and other Poems Eastlake: Indra Shah, 2007

### Department of Gujarati

1. Pandya, R. A. Mahabharatani Lokparamparana kathanako Self

### Department of Hindi

1. Ninama, K. Mohan Rakesh: Aadhe Adhure natya shilp Katara prakashan, 2007, Vadodara

### Department of Linguistics

1. Sarvaiya, A. Borges ane Hun: Gujarati Olakh ni Shodh Self (With assistance from Gujarati Sahitya Academy's Grant) February 2008, Vadodara
2. Sarvaiya, A. et al. Tests of Language Proficiency – Gujarati CILL, Mysore, January 2008

### Department of Persian, Arabic & Urdu

1. Anwar, Z. Shaoor-e-Adab (Muntakhab Mazamin) Fareed Book Depot, December 2007, New Delhi

### Department of Sanskrit, Pali & Prakrit

1. Panda R.K. Kavyadarsa of Dandin Bharatiya Kala Prakashan, 2008, Delhi  
Kavyamritatarangini Arvachina Sanskrit Sahitya Parishad, 2008, Vadodara

## (C) PUBLISHED ARTICLES / PAPERS IN JOURNAL(S) / EDITED VOLUMES

Sr. No.	Author(s)	Title	Name of Journal, Volume Number, Page Number Month & Year
---------	-----------	-------	--

### Department of Archaeology and Ancient History

1. Krishnan, K., et. al. The State of Theocracy: Defining an Early Medieval Hinterland in Sri Lanka *Antiquity*, 81 (313), pp. 699-717, November 2007
2. Sonawane, V. H. Significance of engraved Chandravati core in the Upper Palaeolithic Art *'Expressions in Indian Art'* (Essays in memory of Shri. M.C. Joshi. Eds., B.R. Mani and Alok Tripathi, Vol. 1, Agam kala Prakashan, Delhi. 2008  
Rock Art of India: A Historical Perspective *Man and Environment*, Vol. 33, No. 1, pp. 1-13, 2008
3. Sonawane, V. H., Dasgupta, D. The Origin of Cult Fertility: Central Asian and Indian Rock Art *Cultures and Societies in Transition: India, Russia and other CIS Countries*. Ed. M. Mittal, Shipra Publications, Delhi, pp. 79-92,

**Department of Economics**

1. Ahmed, S. Sustainable Management of Ground Water Use for Irrigation : A Village Study Chapter 24, pp 452-461 in edited volume "Democratization of Water" eds. B. K. Thapliyal, S. S. Sharma, P. Shiv Ram, U. Hemant Kumar, NIRD, March 2008
2. Bishnoi, T. R., Koirala, T. P. The Growth of State Domestic Product (SDP) in India – An Endorsements Growth Framework In Book "Economic Growth : Macro and Sectoral Perspectives" Edited by Pramod Verma, P. Bala Bhaskaran, Pankaj Madhani, IBS Ahmedabad, 2007
3. Joshi, S. M. Central Banking in a Liberalised Economy : Autonomy of Reserve Bank of India *Finance India*, Vol.XXI, No.4, pp. 1405-1442, December 2007
4. Nanavati, A. U. (with Niyati Walter and Reena Rao) Bio-Medical Waste Management System : Canada & India *Area Studies*, Centre for Southeast Asia & Pacific Studies, Vol.1, No.1, June 2007
5. Nanavati, A. U. Economics Assessment of Non-Government Development organization : A Study of Vadodara, Gujarat *Journal of Health Management*, Vol.X, No.2, April-June 2007

**Department of English**

1. Achar, D. Memory as Public History: Finding Moments, places, selves *Constructing the Memory of a Room*, New Delhi: Bodhi Art Gallery, 2007
2. Ketkar, S. Kubdya che Samkaleen Bharood: Sanjeev Khandekaranchya ' All That I wanna Do' Vishayi', Dilip Chitrenchya Zhapaatlelya Karya Shaalet: Bhaashantarkaracha Desh, Deshantarkarachi Bhasha *Mai Mauli*, Anuwaad Suvidha Kendra, Mumbai, Diwali 2007  
Changlya Kavitewarchi Statutory Warning' *Abhidhananatar*, Diwali 2007  
Binmansaalelya Manasacha shodh', an article on Vilas Sarang and his works *Khel*, April 2007
3. Mujumdar, A. R. Mapping Multicultural Identities in Sujata Bhatt's Poetry *The Quest*, Vol.21 No.2, pp. 32-44 , December 2007
4. Parikh, B. A. Getting There: But Hardly Reaching the Destination In *Contemporary Indian Novelist* (Ed.) Syed, M.A. , Mark Publishers: Jaipur, pp. 141-151, 2007
5. Salat, M. F. A World of Difference: Translator's Vote on Indra Shah's Poetry *Gorackgopalam and other Poems: Indra Shah*. Tr. Farook Salat. Eastlake: Indra Shah, 2007
6. Singh, N. Travel and Fashion in Gujarat *Femina*, February 2008

**Department of Gujarati**

1. Malsatar, K. K. Arth : Velina Murzavano *Hayati*, pp 172, September-December 2007
2. Mehta, B. B. Bakshinama as Autobiography 2020 : Suman Shah *Ashmitaparva*, No. 10, April 2008  
*Etad*, June 2007  
Kuvo (Ashokpuri Goswami) *Vi*, February 2008  
Kitne Pakistan, Aag No Dariyo *Tathapi*, December-February 2008
3. Pandya, B. C. Swanubhavne sarvanubhavman rupantarit karati gazal In *Dwani-Pratidhwani*, Vatavwala, H. & Trivedi, V. (Eds.) , pp. 45-48, 2007.

## The Maharaja Sayajirao University of Baroda

4. Pandya, R. A. Derghakavitama Pragatto Kavikarm no Vishesh *Shabdusrushti*, pp. 37-50, December 2007  
Arvachin Kavitama Kavyana Itihasnu Alekhan *Shabdyog*, pp. 423-438, Dr. S.N.Pandya & Dr. Mafat Oza (Eds.), March 2008

### Department of History

1. Awasthi, A. Gandhian Era-gendering of the Indian National Movement *Rashtra Muktisangram and Navsarianma Gujarati Nari*, S. P. University, V.V.Nagar, (ed. Book), March 2008  
2. Hans, R. K. Punjabi Culture in East Africa (Punjabi) Punjabi Diaspora (22<sup>nd</sup> International Punjabi Development Conference) ed. By Jaowinder Kaur Manjet, Patiala, pp. 88-103, 2007  
3. Mahmood, S. The Evolution of Gujarati language in the Social Milien of Gujarat *Quarterly Journal of Khudabaksha Oriental Public Library, Patna*, Vol. 148, pp. 35-44, April-June 2007

### Department of Hindi

1. Bhardwaj, S. Story- Makan No.139 *Koshur Samachar*, Vol-56, No-01, pp. 65-67, April, 2007  
2. Gavli, K. Premchand : Gandhivad ka prabhav *Abhinav prasangvash* , pp. 39-42, April-June-2007  
3. Ninama, K. Bharat vibhajan aur dalit *'Bayan' Delhi prakashan* , December January-2007  
4. Parmar, N. S. Natak banam Upanyas *Sahitya Parivar*, pp. 55, June 2008  
Hindi Upanyason Mein Daliton Ke Apman Kee Samasya *Ashvast*, July 2008  
5. Yadav, O. P. Peeda me Antarnihit mulyabodh *Sahitya parivar*, ank-4-14, pp. 49-55, September 2007  
Jaishankar Prasad : Ek Avlokan *Sahitya parivar*, ank-5-6, pp. 18-22, June 2008  
Hindi Katha – sahitya ke samrat lekhak Premchand *Rachana karma – varsh-4-ank-4* pp. 60,61,62,  
Hindi Navgeeton mein sanskritik chetna *Sahitya parivar*, Ank -6 , me prakashit, August – 2008

### Department of Library & Information Science

1. Rajaram, S. Classifying resources on Women's Studies: The need for adequate handling *In International conference on future of knowledge organization in the networked environment, 3-5 September 2007: IKONE 2007*, (Ed).Raghavan, K.S. pp. 131-144  
A glimpse into the wit and humour in Ranganathan's writings *DLIBCOM*, Vol. 2 (8-9), special combined issue-2007, pp.14-16  
Recent trends in Library Cataloguing *In Library and Information Science in 21<sup>st</sup> Century* edited by U.A. Thaker and C. N. Rawal. S.P University, Vallabh Vidyanagar, pp. 48-54, 2008

### Department of Linguistics

1. Sarvaiya, A. Sarvaiya ane Hun: Samiksha ni Samiksha *Etad*, vol 174, pp. 40-45, June 2007  
Aadarshvaad, Anitya ane Kundera *Farbus-Traimasik*, vol 72:1, pp. 58-67, January 2008

**Department of Persian, Arabic & Urdu**

1. Ahmad, M. "Arabi Adabiyat Mein Pak-o-Hind Ka Hissah" Mein Sirat-o-Sawaneh, Tarikh Aur Waqa-e-Nigari Se Mutaalliq Ulama-e-Gujarat Ki Arabi Tasanif Ka Tazkerah  
Jalaluddin al-Sayuti (Translated into Gujarati by V.P. Trivedi) *Hazrat Pirmohammad Shah Library Journal*, Vol. 4, pp. 105-134, August 2007  
*Gujarati Vishwakosh*, Vol. 23, pp. 638, February, 2008
2. Anwar, Z. Tazkeron Ki Tanqidi Ahmiyat (Ba Hawata-e-Shoara-e-Urdu Ke Tazkere: Prof. Hanif Naqvi) *Khuda Bakhsh Library Journal*, Vol. 148, pp. 163-176, April-June, 2007
3. Wajeehuddin Akbarul Akhyar Mein Gujarat ke Mashaekh Ka Tazkerah  
Ahd-e-Akbari Ke Farsi Tarajim, Hindustani Tahzib Ko Samajhne Ki Ek Koshish  
Tasawwur-e-Hayat Dar Sher-e-Farsi *Hazrat Pirmohammad Shah Library Journal*, Vol. 4, pp. 135-159, August 2007  
*Persian Research Journal*, a special volume on Indo-Persian Studies, Texts and Translations, pp. 216-225, 2007  
*Qand-e-Parsi*, No. 36-37, pp. 115-127, Spring Summer, 2007

**Department of Political Sciences**

1. Dholakia, A. Civil Society and the Regeneration of India's Democracy : Potential and Constraints  
Gujarat Elections : Moving Beyond the Stereotypes  
The Human Rights Dimension in Russia's Foreign Policy  
Context and Consequences of American Interventions in Afghanistan in the Post-9/11 Strategic Environment  
Crown Doesn't Pinch  
Contending Frameworks for Foreign Policy Analysis : An Appraisal  
V.A. Pai, Panandiker & Rahul Tripathi (eds.), *Towards Freedom in South Asia*. New Delhi : Konark, 2008, pp.81-93  
*Freedom First*, January 2008, pp.5-8  
*Journal of the Institute of Human Rights*, Vol. X, June 2007, No.1, pp.78-89  
Jagmohan Meher, ed., *Afghanistan-Dynamics of Survival*. Delhi : Kalpaz Publications, 2008, pp.159-170  
*Indian Express*, September 27, 2007  
*The Indian Journal of Political Science*, Vol. LXVII, No.2, 2007 (April-June), pp.413-420

**Department of Philosophy**

1. Nighoskar, Y.G. What Morality Is  
*Pathway to God- No-4*, Vol. 43, pp. 21-29, July 2007

**Department of Russian and French**

1. Dasgupta, D., Sonawane, V. H. The Origin of the Cult of Fertility: Central Asian and Indian Rockart  
*Cultures and Societies in Transition: India, Russia and other CIS countries*, (Ed.) M. Mittal, Shipra Publications, Delhi, pp. 79-92, March 2008

**Department of Sanskrit, Pali & Prakrit**

1. Kaluskar, S. S. Atharvavedasya Pramukhasupanisatsu varnita visaya vaividhyam  
Ahalya-Satakam – A Literary Study  
Editions of Sanskrit Dramas and the Problem of Prakrit  
*Deva-Sayujyam*, Vol 1:10, pp. 8-11, January 2008  
*The Journal of the Oriental Institute*, Vol. 57, Nos. 1-4, pp. 81-109, September 2007- June 2008  
*Sambodhi*, Vol. XXXI, pp.15-21, May 2007
2. Panda, R. K.

**Department of Sociology**

1. Rajaram, N. The Emerging Middle Class in India and China : Emerging Issues and Concerns *Conference Papers – International Forum on Middle Class Research China Sociological Association, Beijing, July 2007*

**5. (A) PAPERS PRESENTED AT INTERNATIONAL SEMINARS / CONFERENCES**

Sr. No.	Author( s)	Theme, Organizing Body, Place and Date of Seminar / Conference	Title of the Paper
<b>Department of Economics</b>			
1.	Nanavati, A. U.	International Conference on 'Issues in Public Policy & Sustainable Development', organized by School of Social Sciences, IGNOU, New Delhi, March 25-29, 2008	Sustainable Human Development and Govt. Expenditure: An Analysis of Inter State Correlates in India
<b>Department of English</b>			
1.	Achar, D.	International Conference on 'Inter Asian Connections' , organized by Social Science Research Council, New York, at Dubai School of Government, Dubai, February 21-23, 2008	Instituting National Self Identity? Crafting Art Education at National School of Art, Lahore & The Faculty of Fine Arts, Baroda
2.	Salat, M.F.	International Conference on 'Global Gujarat and its Diaspora', organized by North Gujarat University, Patan, January 17-19 , 2008	Serving Pizza, Eating Dhokla: The Gujarati in Diaspora
<b>Department of History</b>			
1.	Hans, R. K.	"Building Bridges: The Role of the Indian Diaspora in Canada" Roundtable Conference organized by Centre for the study of Democracy, Queens University, Canada at IIC, New Delhi, February 21, 2008	The Role of the Punjabi Intellectuals in Building Bridges in Canada, 1920-2000
2.	Saxena, A. B.	Healing Medical Power and the Poor: Contests in Tribal Western India University of Warwick, USA & Centre for Social Science, Surat, April 21 -23, 2007	Tribal Medicine Wealth Ngo's & Patent Laws
<b>Department of Library &amp; Information Science</b>			
1.	Rajaram, S.	International Conference on "Future of Knowledge Organization in the Networked Environment : IKONE 2007" organized by International Society for Knowledge Organization (India Chapter), Bangalore, September 3-5 , 2007	Classifying Resources on Women's Studies: The Need for Adequate Handling
<b>Department of Persian, Arabic &amp; Urdu</b>			
1.	Wajeehuddin	Revisiting Persian Sources for Indian History and Culture, Dept. of Persian, University of Delhi, Delhi, 4-6 December, 2007	Mirat-E-Sikandari As A Source Of Literary Information
<b>Department of Political Science</b>			
1.	Dholakia, A.	South Asian Regional Seminar on Regional Cooperation, Peace and Democracy in South Asia, International Centre, Goa, January 2008	Problematic of Freedom in South Asia

**Department of Sanskrit, Pali & Prakrit**

1. Kaluskar, S. S. International Sanskrit Conference on "The Impact of Vedas on the World", organized by J.Z. Shah Arts & H.P. Desai Commerce College, Amroli, Surat, December 20 – 22, 2007  
Concept of Surya from Vedas till Modern Age

**Department of Sociology**

1. Jha, M. V. Tenth International Conference on "Thinking Territory: Affect and Attachment towards Land in South Asia" organized by The Forum of Contemporary Theory, Vadodara, in collaboration with Department of English, Goa University, at Goa, December 16 – 19, 2007, Emotions, Territory and Social Identity: A Socio – Psychoanalytic Approach to 'Constant State of Protest'
2. Rajaram, N. International Forum on "Middle Class Research Comparative Perspective", hosted by Chinese Academy of Social Science, Beijing, and China Sociological Association, Changsha, Hunan Province, China, July 20 - 22, 2007  
The Emerging Middle Class in India and China: Issues of Concerns
- International Works Shop on "Situation Analysis of Cotton Growers in India and Pakistan", organised by Centre for Policy Research, New Delhi, at ICSSR, New Delhi, January 23 - 24, 2008  
Situation Analysis of Cotton Growers in Gujarat, India

**(B) PAPERS PRESENTED AT NATIONAL/STATE LEVEL SEMINARS/CONFERENCE**

Sr. No.	Author( s)	Theme, Organizing Body, Place and Date of Seminar / Conference	Title of the Paper
---------	------------	--	--------------------

**Department of Archaeology and Ancient History**

1. Sonawane, V.H. 12<sup>th</sup> RASI Congress organized by Shreyas Social Service Centre, Sultan Bathery, Wayanad, Kerala , October 26 - 28, 2007  
Rock Art of France
- Joint Annual Conference of IAS, ISPQS and IHCS organized by Directorate of Culture and Archaeology, Government of Chattisgarh, Raipur, December 1-4, 2007  
Rock Art of India: A Historical Perspective (Professor H.D. Sankhalia Memeorial Lecture)
2. Prathapachandran, S. Annual Conference of the IAS, ISPQS and IHCS, organized by Directorate of Culture and Archaeology, Government of Chattisgarh, Raipur December 1- 4 , 2007  
Life in Magan During Early Bronze Age and A Glance Into the Relations with Meluhka

**Department of Economics**

1. Bishnoi, T. R. "Growth, Employment and Inflation in India : A Post Reform Scenario" by Gujarat Economic Association Silver Jubilee Trust, Baroda, October 27-28, 2007  
Self-employment in India
- "Monetary and Credit Policies in Post Reform Period in India" by Gujarat Economic Association Silver Jubilee Trust, Baroda, February 16-17 , 2008  
Financial Inclusion in India
2. Rao, A. S. National Seminar on "Managing Global Competitiveness – India and Canada Perspectives", Centre for Canadian Studies, The M. S. University of Baroda, Vadodara, January 17-19 , 2008  
Exploring Environment and Globalization Linkages

## The Maharaja Sayajirao University of Baroda

### Department of English

1. Achar, D. UGC-SAP Workshop, 'Planning Workshop: Conceptualizing Project', organized by Dept. of English, The M.S. University of Baroda, Vadodara, August 31–September 1, 2007 Challenges Ahead: Theory Literature Culture
2. Barrett, R. J. Interactive Teaching of English, PSGI Institute of Technology, Coimbatore, July 6-9, 2007 Group Discussion as a Pedagogical Tool: Undoing the Banking Clerk Teacher  
UGC National Seminar on 'Challenges in the Teaching of English', organized by Dept. of English, The M.S. University of Baroda, Vadodara, January 21-22, 2008 Punch the Monkey: The Deictic Sign and Information Technology  
National Seminar of 'Region Literature & Culture: Issues & Stakes', organized by Dept. of English, The M.S. University of Baroda, Vadodara, March 18-19, 2008 Existential Vs Pastoral: Identity and Region in Literary Fores
3. Bhatt, S. A. UGC National Seminar on 'Challenges in the Teaching of English', organized by Dept. of English, The M.S. University of Baroda, Vadodara, January 21-22, 2008 CART BEFORE HORSE: Testing as Teaching. A Mode of Entry into a Literary Artifact
4. Ketkar, S. C. National Seminar of 'Region Literature & Culture: Issues & Stakes', organized by Dept. of English, The M.S. University of Baroda, Vadodara, March 18-19, 2008 Dionysus in Gandhi's Ahmedabad
5. Mujumdar, A. R. National Conference on 'ELT & Continuing Professional Development' Organized by ELT@I Surat Chapter and C.Z Trust, Surat. November 2-3, 2007 Meaningful feedback on Student Writing: An ESL Context
6. Sylvester, S. P. National Seminar on 'Managing Global Competitiveness: India and Canada Perspectives' organized by Centre for Canadian Studies and Dept. of Commerce including Business Economics, Faculty of Commerce The M.S. University of Baroda, Vadodara, January 17-19, 2008 Competition that Created Canada  
UGC National Seminar on 'Challenges in the Teaching of English', organized by Dept. of English, The M.S. University of Baroda, Vadodara, January 21-22, 2008 Learn with Fun: Teacher Strategies that Make Learning Interesting

### Department of History

1. Hans, R. K. "Bhagat Singh and his legend" a Seminar by World Punjabi Centre, Punjabi University, Patiala, October 22-23, 2007 The Legend of Bhagat Singh in Gujarat
2. Maurya, H. J. Indian History Congress, New Delhi, December 28 – 30, 2007, An Appraisal of Forest Management in Rajpipla South Gujarat, C. 1750-1950
3. Parikh, V. P. Z. F. Wadia Women's College, Surat, March 10-11, 2007 Mulla Muhammad: The Merchant Prince of Surat: A Review  
H. K. Arts College of Arts & Commerce, Ahmedabad, January 2008 Perspectives on Medieval Gujarat
4. Saxena, A. B. Medieval Section, Indian History Congress, 65<sup>th</sup> Session, Univ. of Delhi, December 28-30, 2007 Mandvi- Dynamic Port Town of Kachchh, Gujarat C. 1600 – C. 1850

**Department of Hindi**

- |    |               |  |   |
|----|---------------|--|---|
| 1. | Bhardwaj, S.  | ‘Madhyakaleen Hindi Kavya Kee Prasangikta’, organized by Hindi Dept. , Faculty of Arts, The M. S. University of Baroda , Vadodara in collaboration with Hindi Sahitya Akadami, Gandhinagar, March 19, 2008 | “Kartavya Banam Adhikar: Madhyakaleen Prasangikta                           |
| 2. | Gavli, K.     | ‘Madhyakaleen Hindi Kavya Kee Prasangikta’, organized by Hindi Dept. , Faculty of Arts, The M. S. University of Baroda , Vadodara in collaboration with Hindi Sahitya Akadami, Gandhinagar, March 19, 2008 | Kabir kavya ki prasangikta  |
| 3. | Mistry, D. M. | ‘Madhyakaleen Hindi Kavya Kee Prasangikta’, organized by Hindi Dept. , Faculty of Arts, The M. S. University of Baroda , Vadodara in collaboration with Hindi Sahitya Akadami, Gandhinagar, March 19, 2008 | Tulsi kavya ki prasangikta  |
|    |               | ‘Madhyakalin Sahitya’, organized by Snatkottar Hindi Vibhag, Sardar Patel vishvavidyalay, Vallabh Vidyanagar, Anand, February 27-28 , 2008   | Madhyakalin sant sahitya ki prasangikta                                     |
|    |               | Anand Arts College, Anand, Shri Ramkrishna Mandal, March 8-9, 2008   | Dalit chetna ke vikas me santan ka yogdan                                   |
| 4. | Ninama, K.    | Adivasi sahitya, Mahashveta Devi, Panchmahal yuva Pradesh vikas sanstha simaliya, February 24, 2008  | Arakhya no adhikar  |
|    |               | ‘Madhyakaleen Hindi Kavya Kee Prasangikta’, organized by Hindi Dept., Faculty of Arts, The M. S. University of Baroda , Vadodara in collaboration with Hindi Sahitya Akadami, Gandhinagar, March 19, 2008  | Manjhan ka jivan darshan  |
| 5. | Pandey, S.    | ‘Madhyakaleen Hindi Kavya Kee Prasangikta’, organized by Hindi Dept. , Faculty of Arts, The M. S. University of Baroda , Vadodara in collaboration with Hindi Sahitya Akadami, Gandhinagar, March 19, 2008 | Samprat vishva ka sarvadhik prasangik kavi : Kabir                          |
| 6. | Parmar, N. S. | Indian Dalit Literature, Sponsored by UGC (WRO) Pune and conducted at Anand Arts College, Anand  | Dalit Chetana Se Anupranita Hindi Upanyason Men Daliton Ke apman Ki Samasya |
| 7. | Yadav, O. P.  | ‘Madhyakaleen Hindi Kavya Kee Prasangikta’, organized by Hindi Dept. , Faculty of Arts, The M. S. University of Baroda , Vadodara in collaboration with Hindi Sahitya Akadami, Gandhinagar, March 19, 2008 | Darbari kaviyon ka adhyayan   |
|    |               | Patel J. B. Rudelwala Arts and Commerce College Borsad. Organized Conference, August 17, 2007  | Premchand ke upanyason me vyakt manav jivan ka chitran                      |

**Department of Persian, Arabic & Urdu**

- |    |           |   |  |
|----|-----------|---|--|
| 1. | Ahmad, M. | National Seminar on “Arabic Fiction after the Second World War”, Department of Arabic, Aligarh Muslim University, March 18 -19, 2008  | Arabi Afsana Nigari Se Mutaalliq Tahqiqat Mein Hindustan Ka Hissah |
|    |           | National Seminar on “Maulana Jalaluddin Rumi and the Relevance of His Message in Modern Times”, organized by Gujarat Urdu Sahitya Academy & Hazrat Pirmohammad Shah Library, March 30, 2008 | Tasawwuf Ki Haqiqat  |
| 2. | Anwar, Z. | “Daagh Dehlavi: Hayat Aur Khidmat”, Gujarat Urdu Sahitya Academy, Gandhinagar, at Surat, September 9, 2007  | Daagh Dehlavi Ki Shenakht Ka Masala                                |
|    |           | “Secular Character of Urdu”, organized by NCPUL, New Delhi, at University of Jammu, Jammu, on March 1-2, 2008   | Urdu Ka Jamhuri Kirdar (Taraqqi Pasand Shaeri Ke Hawale Se)        |

# The Maharaja Sayajirao University of Baroda

- |                |  |                                      |
|----------------|--|--------------------------------------|
|                | "Hali Ka Fikr-o-Fun", organized by Gujarat Urdu Sahitya Academy, Gandhinagar, at Gujart Vidyapeeth, Ahmedabad, on February 24 - 25, 2008 | Maulana Hali: Ahd, Halat Aur Kamalat |
|                | "Firaq Gorakhpuri", organized by Urdu Sahitya Academy, Gandhinagar, at Ahmedabad, on March 16, 2008                                      | Firaq: Hayat, Jehat Aur Nazariyat    |
|                | "Maulana Rumi", organized by Urdu Sahitya Academy, Gandhinagar, and Pirmohammad Shah Library, on March 30 - 31, 2008                     | Maulana Rumi Ki Asri Manawiiyyat     |
| 3. Wajeehuddin | "Daagh Dehlavi: Hayat Aur Khidmat", Gujarat Urdu Sahitya Academy, Gandhinagar, at Surat, September 9, 2007                               | Daagh Dehlavi Ek Taaruf              |
|                | "Hali Ka Fikro-o-Fan", organized by Gujarat Urdu Sahitya Academy, Gandhinagar, at Guajrat Vidyapeeth, Ahmedabad, February 24 - 25, 2008  | Altaf Hussain Hali Ki Adabi Khidmat  |

## Department of Political Science

- |                      |   |   |
|----------------------|---|---|
| 1. Chatani, L.P.     | National Seminar on Civil Society & Democratic Governance, Dept. of Political Science, Calcutta University, Kolkata, March 18, 2008   | The Cultural of Democracy and the Possibilities of the Political Self     |
| 2. Mavalankar, A. P. | India in the Global Strategic Calculus, National Centre of International Security and Defence Analysis, University of Pune, Pune, NISDA Security Conference, October 9-10, 2007 | India and/in the Global Political Economy - Some Strategic Considerations |
| 3. Patel, P. M.      | Election Analysis and Research Methodology, A Two Day Workshop organized by UGC Centre for Nehru Studies, M.L.S. University, Udaipur during August 31, - September 1, 2007      | Nature of Political Mobilization and Competition in Gujarat               |

## Department of Philosophy

- |                  |   |  |
|------------------|---|--|
| 1. Nighoskar Y.G | Indian Philosophical Congress 82 <sup>nd</sup> Session, Tirupati Univesity, Tirupati, October 26-29, 2007 | Foundations of Metaphysics (Western Approach)    |
| 2. Vyas, N. J.   | International Seminar, Pune, June 6-7 2007  | 'Shri Gurudeo and the Quest of God- Realization' |

## Department of Sanskrit, Pali & Prakrit

- |                    |  |   |
|--------------------|--|---|
| 1. Kaluskar, S. S. | National Seminar on "Kautilya's Arthasastra – A Modern Perspective", organized by N. S. Patel Arts College, Anand, March 2, 2008 | Some Conceptual Similarities in the Atharvaveda and Arthasastra in modern context |
| 2. Panda, R. K.    | National Seminar on "Kautilya's Arthasastra – A Modern Perspective", organized by N. S. Patel Arts College, Anand, March 2, 2008 | Significance of the word – 'Artha' in the Arthasastra                             |

## Department of Sociology

- |                |   |   |
|----------------|---|---|
| 1. Rajaram, N. | National Workshop on "Governance and Work in Changing India", ICSSR – Western Region Centre, Mumbai, September 28 - 30, 2007  | Globalization and Emerging Middle Class in India  |
|                | National Seminar – "Interrogating and Reorienting Sociology – Critical Perspectives from the Margins", Department of Sociology, University of Mumbai, Mumbai, February 22, 2008 | Translating Women's Human Right to Empower Marginalized Women: The Naari Adalat of Padra, Gujarat |
|                | Regional Conference on 'Development of Sociology in Western India', organized by Department of Sociology, Gujarat University, Ahmedabad, March 11, 2008                         | Teaching and Research in Sociology – A Critical Review of Situation in Gujarat                    |

## 6. TALKS OF ACADEMIC NATURE IN PROFESSIONAL PROGRAMMES

Sr. No.	Name (s)	Nature of Professional Programmes	Title	Participated as
<b>Department of Economics</b>				
1.	Nanavati, A. U.	Salzburg Global Seminar, Salzburg, Austria, November 3-8, 2007	Breaking the Glass Ceiling: Women in Business & Politics	Fellow
		University of West Bohemia Pilsen, Cruz Republic, 10 <sup>th</sup> November 2007	Women in Labour Market with reference to India Social Capital & Rural Development	Invited Speaker
2.	Vyas, N. J.	Endowment Lecture in the 82 <sup>nd</sup> All India Philosophy Congress, Sri Venkateshwar University, Tirupati, October 26-29, 2007	Adwaitism and the Place of Swaminarayan	Resource Person & Keynote Speaker
3.	Rao, A. S.	TIES Sponsored Workshop on Applied Econometrics and Time Series Analysis	Multivariate regression analysis Two Stage least squares estimation	Resource Person
<b>Department of Gujarati</b>				
1.	Mehta, B.B.	S.G.University Gujarati Teachers' Association, Surat	Outsider	Speaker
		U.G.C. Seminar on Modern Gujarati Poetry, Talod, March 19, 2008	Labhshankar Thakar ni Kavita	Speaker
		Staff Academic College, Gujarat University, May 16, 2008	Indian Renaissance and Gujarati Literature	Speaker
		U.G.C. Seminar, Kankanpur, August 11, 2007	Human Rights and Literature	Speaker
		U.G.C. Seminar, School of Languages, Gujarat University, March 24, 2008	Linguistics and Criticism	Speaker
		Gujarati Sahitya Akademi, Gondal College, December 29, 2007	Committment and Literature	Speaker
		Devgadh Baria College, Teachers' conference, August 31, 2007	Indian Literature	Keynote Address
		Sundaram, A seminar by Gujarat Sahitya Akademi, Gandhinagar, September 22, 2007	Realism and Poetry of Sundaram	Speaker
		I.I.A.S., Simla, November 25, 2007	Manvi ni Bhavai	Speaker
		Gujarat University Lecture, Kapadvanj College, January 9, 2008	Aim of Higher Education	Speaker
2.	Pandya, B. C.	E.M.Lecture, Dept. of Gujarati, Saurashtra Uni., Rajkot, October 18, 2007	Creative Devices used in Gujarati Literature	Speaker
		E.M.Lecture, Gujarat Vidyadeep, Sewasi, December 17, 2007	Duha(s)-verse-in oral tradition : A historical context	Speaker
		E.M.Lecture, Sarvodaya B.Ed. College, Surat, January 12, 2008	Gujarati Novel(s)	Speaker

## The Maharaja Sayajirao University of Baroda

3.	Pawar, P. C.	Workshop cum Seminar on Translation of selected works of Gyanpeeth Awardees in Gujarati and Marathi, Ahmedabad, August 6-8, 2007	Aakash no arth, keri no yog (Essays) Author : G. V. Karandikar	Translator
		Gujarati Department, S. P. University, V.V.Nagar, August 25, 2007	Kehvatni utpatti ane sahitya samajman sthan	Invited Lecturer
		Akhil Gujarat College and University Adivasi Trust, Ahmedabad, November 25, 2007	Dangi lokgitoman pragatati iagnapratha	Invited Lecturer
		Hindi Akademi, Gandhinagar & Panchmahal Pradesh Vikas Sanstha & Arts College, Simaliya, Vadodara	Sutradhar (A talk on Novel)	Invited talk
		U.G.C. New Delhi and Anand Arts College, March 9, 2008	Maran swasta hot aahet (A talk on Short story)	Invited talk
4.	Malsatar, K. M.	Department of English, The M.S. University of Baroda, Vadodara, January 4, 2008	Gujarati Dalit Vartao	Delivered lecture
		Department of Gujarati, Mumbai University, January 16-17, 2008	Vanboti Vartao	Delivered lecture
		Simaliya Arts College, Simaliya, February 23, 2008	Andharu	Delivered lecture
		Anand Arts College, Anand, March 9, 2008	Hindi Dalit Vartao	Delivered lecture
<b>Department of History</b>				
1.	Hans, R. K.	Planning Workshop: Conceptualizing the UGC SAP Programme, Dept. of English, Faculty of arts, The M.S. University of Baroda, Vadodara, August 31- September 1, 2007	"Modernization and the History of Archiving the Official Records"	Speaker & Paper Presenter
		Seminar on Life and Times of Shaheed Bhagat Singh, Dept. of History, GNDU, Amritsar, September 25, 2007	"Perceptions of Bhagat Singh in Gujarat"	Invited Speaker
<b>Department of Linguistics</b>				
1.	Sarvaiya, A.	Two lectures delivered at MICA, on October 31, 2007	Textual Interaction	Visiting Faculty
<b>Department of Political Science</b>				
1.	Dholakia, A.	UGC Visiting Fellow, Dept. of Political Science, Gujarat University, Ahmedabad, October 2007	Concept of National Power	Invited Expert
		Orientation Programme, Academic Staff College, Saurashtra University, Rajkot, December 2007	Understanding Globalization and Its Impace	Resource Person
2.	Mavalankar, A. P.	Expert's Lectures Series, Department of Political Science, School of Social Sciences, Gujarat University, January 7-8, 2008	The Concept of Security : Causes of Insecurity Security Through Liberal Approach India's Foreign Policy Towards Her Neighbours	Expert

**Department of Philosophy**

- |    |             |  |                                     |               |
|----|-------------|--|-------------------------------------|---------------|
| 1. | Vyas, N. J. | Extra Mural Lecture at Nalini Arvind Arts & Science College, Vallabh Vidyanagar, October 6, 2007 | The Nature of Philosophical Inquiry | Guest Speaker |
|----|-------------|--|-------------------------------------|---------------|

**7. CONTRIBUTION IN CONDUCTING PROFESSIONAL PROGRAMME / ACADEMIC PROGRAMMES**

Sr. No.	Name (S)	Programme (s), Place and Date (s)	Participated as
---------	----------	-----------------------------------	-----------------

**Department of Economics**

- |    |                 |   |              |
|----|-----------------|---|--------------|
| 1. | Nanavati, A. U. | National Seminar on "Managing Global Competitiveness – India and Canada Perspectives, Centre for Canadian Studies, The M. S. University of Baroda, Vadodara, January 17 to 19, 2008 | Co-ordinator |
|----|-----------------|---|--------------|

**Department of English**

- |    |               |   |  |
|----|---------------|---|--|
| 1. | Achar, D.     | Planning Workshop: Conceptualizing UGC-SAP Project, Dept. of English, M.S.University of Baroda, Vadodara, August 31–September 1, 2007           | Co-Convenor                              |
|    |               | National Seminar of 'Region Literature & Culture: Issues & Stakes., Dept. of English, The M.S.University of Baroda, Vadodara, March 18-19, 2008 | Convenor                                 |
| 2. | Pandya, S. P. | Planning Workshop: Conceptualizing UGC-SAP Project, Dept. of English, M.S.University of Baroda, Vadodara, August 31–September 1, 2007           | Convenor (as Coordinator of UGC SAP DRS) |

**Department of Russian and French**

- |    |              |   |                      |
|----|--------------|---|----------------------|
| 1. | Dasgupta, D. | Workshop cum Training in Spanish and Russian Speech, Department of Russian Studies, MSU, December 12, 2007 – January 19, 2008 | Director and Faculty |
|----|--------------|---|----------------------|

**8. PARTICIPATION IN ACADEMIC BODIES OF OTHER UNIVERSITIES**

Sr. No.	Name (s)	Programme (s), Place and Date (s)	Participated as
---------	----------	-----------------------------------	-----------------

**Department of English**

- |    |                 |  |                  |
|----|-----------------|--|------------------|
| 1. | Dakorwala N. K. | Meeting of Curriculum Development Gujarat Vidyapeeth Ahmedabad   | Resource Person  |
| 2. | Salat, M. F.    | Board of Studies (English) Gujarat University, Ahmedabad<br>Academic Council, Sumandeep Vidyapeeth University, Piparia | Member<br>Member |

**Department of Gujarati**

- |    |                  |   |                                    |
|----|------------------|---|------------------------------------|
| 1. | Bhogayata, J. K. | Saurashtra University, Board of Studies, Rajkot   | Co-opt Member                      |
| 2. | Mehta, B. B.     | Board of Studies, University of Mumbai<br>Board of Studies, South Gujarat University, Surat | External Member<br>External Member |

**Department of Library & Information Science**

- |    |             |  |        |
|----|-------------|--|--------|
| 1. | Rajaram, S. | Board of Studies, Department of Library and Information Science, Gujarat University, Ahmedabad | Member |
|----|-------------|--|--------|

**Department of Political Science**

- |    |              |  |                 |
|----|--------------|--|-----------------|
| 1. | Dholakia, A. | Board of Studies in Political Science and Public Administration, Veer Narmad South Gujarat University, Surat | External Expert |
|----|--------------|--|-----------------|

## The Maharaja Sayajirao University of Baroda

### Department of Russian and French

1. Dasgupta, D. Board of Studies in Russian, University of Bombay, Mumbai External Expert

## 10. STATE / NATIONAL / INTERNATIONAL AWARDS AND DISTINCTION OF ACADEMIC NATURE

Sr. No.	Name (s) of Recipient(s)	Description of Award	Contribution made by the Recipient
---------	--------------------------	----------------------	------------------------------------

### Department of Archaeology, Ancient History & Culture

1. Krishnan, K. "Bharat Jyoti Award" by the India International Friendship Society, New Delhi For Initiating Research in Ceramic Petrology in India

### Department of English

1. Achar, D. South Asia Regional Fellowship Program Collaborative research grant given by Social Science Research Council New York: August 2007 Conducted research in collaboration with scholars affiliated to School of Oriental & African Studies London on the area of Art Education in India and Pakistan

### Department of Gujarati

1. Mehta, B. B. Best Critical work of 2003 : Bharatvakya by Gujarat Sahitya Akademi of Gujarat Government Bharatvakya is a book of critical writings on Gujarati and other Indian fiction.

### Department of Hindi

1. Ninama, K. Akhil Bhartiya Hindi sevi sansthan Allahabad, May 2007 'Sahitya shiromani' manad upadhi

## 11. IMPORTANT EVENTS / ACTIVITIES OF THE DEPARTMENT / FACULTY / UNIT

Description of the Event	Date, Time & Place
--------------------------	--------------------

### Centre for Canadian Studies

- National Seminar on, 'Managing Global Competitiveness: India and Canada Perspectives' (with Dept. of Commerce incld. Business Administration, Faculty of Commerce) 17 to 19-01-08, Dr. I.G.Patel Hall M.S.University of Baroda

### Department of English

- National Seminar on 'Region, Literature, Culture, Issues and Stakes' Supported by the UGC SAP DRS –I 18 & 19-03-08, 10.00 am V.Y. Katak Seminar Room , Dept. of English
- UGC National Seminar, "Challenges in the Teaching of English" 21 & 22-01-08 10.00 am V.Y. Katak Seminar Room , Dept. of English
- Lecture Series
1. Prof. Bed P Giri 02-02-08
2. Prof. M. Dasan 29 to 31-01-08
3. Prof. M.L.Tickoo 23 & 24 -01-08 10.00 am V.Y. Katak Seminar Room, Dept. of English

Planning Workshop: Conceptualizing the UGC SAP  
DRS Project 31-08 & 01-09-07  
10.00 am V.Y. Kantak Seminar Room,  
Dept. of English

**Department of German**

Co-organized a seminar in Coimbatore in January 2008 with Dachl-In,  
Association for German language teachers in India. 09-01-08 to 12-01-08

**Department of Russian & French**

Exhibition On 60 Years Of Indo-Russian Diplomatic Relationship in  
collaboration with Centre for Culture, Science and Technology, COUNSULATE  
General of Russia in Mumbai 02-04-07

Workshop cum intensive training in Spoken Russian and Spanish 12-12-07 to 19-10-08

**S.K.S.D. Jain Academy**

Seminar on the Significance of Jain Studies in Contemporary Times 24-08-07 at C.C. Mehta Auditorium

**12. NEW COURSES INTRODUCED / APPROVED**

**Department of Economics**

Certificate Programme on Capital Market (CPCM) in collaboration with BSE Training Institute (BTI), is approved

**13. ADDITIONAL FACILITIES CREATED IN TERMS OF**

**(A) NEW EQUIPMENT**

**Department of Economics**

Scanner 2400 (HP), Web Camera, Headphone + Microphone

**14. DISTINGUISHED VISITORS AT DEPARTMENTS / FACULTY**

S.No.	Name with Full Address	Designation	Date(s) of Visit	Purpose
<b>Department of English</b>				
1.	Dr. B.P.Giri Dartmouth College, New Hampshire	Asst. Professor of English	02-02-08	To deliver a lecture
2.	Dr. M. Dasan Kannur University, Palayad (Kerela)	Prof. of English	29 to 31-01-08	To deliver lectures
3.	Prof. M.L.Tickoo CIEFL and National University of Singapore	Former Professor of ELT	23 & 24-01-08	To deliver lectures
4.	Prof. Jacob Tharu A 27/2, AFOCHS 1 <sup>ST</sup> Crescent Road Sainkpuri, Secunderabad, A.P. 500 094	Professor	21-01-08	To deliver a lecture
5.	Dr. Rajendrasinh Jadeja H.M.Patel Institute of English, Training and Research, V.V.Nagar	Director	22-01-08	To deliver a lecture

## The Maharaja Sayajirao University of Baroda

- |    |  |   |               |                      |
|----|--|---|---------------|----------------------|
| 6. | Prof. Joseph Macwan<br>"Chandranilay", Xavier's Road,<br>Anand - 388 001 | Eminent Gujarati<br>Author and Activist | 04 & 05-01-08 | To deliver lectures  |
| 7. | Prof. A.K.Singh,<br>Babasaheb Ambedkar University,<br>Ahmedabad          | Vice Chancellor                         | 31-08-07      | To deliver a lecture |
| 8. | Prof. E.V.Ramakrishnan,<br>Dept. of English,<br>SVNSGU, Surat            | Head                                    | 01-09-07      | To deliver a lecture |

### Department of Linguistics

- |    |                          |                        |          |         |
|----|--------------------------|------------------------|----------|---------|
| 1. | Prof. Uday Narayan Singh | Director, CIIL, Mysore | 28-07-07 | Lecture |
|----|--------------------------|------------------------|----------|---------|

### Department of Marathi

- |    |                                      |  |          |  |
|----|--------------------------------------|--|----------|--|
| 1. | Mr. Sudhir Moghe<br>Karvenagar, Pune | Popular poet and<br>Performer of Marathi<br>Poetry | 29-12-07 | To discuss modern poetry with<br>Faculty members |
|----|--------------------------------------|--|----------|--|

### Department of Russian and French

- |    |                   |                   |                         |  |
|----|-------------------|-------------------|-------------------------|--|
| 1. | Heisseler Deborah | Visiting Faculty, | 04.08.07 to<br>20.10.07 | Delivered lectures on<br>Literature, History, Geography,<br>Culture and Civilization |
|----|-------------------|-------------------|-------------------------|--|

### Centre for Canadian Studies

- |    |  |           |          |                      |
|----|--|-----------|----------|----------------------|
| 1. | Dr. John Reid<br>Dept. of History<br>Saint Mary University, Halifax,<br>Nova Scotia, B3H 3C3 | Professor | 25-01-08 | To deliver a lecture |
|----|--|-----------|----------|----------------------|

## 16. ACHIEVEMENTS/HONOURS/AWARDS

### (A) TEACHING STAFF

Name	State/National/International	Nature of Achievement
<b>Department of German</b>		
Jyotsana Phanse	International	Awarded Fellowship to participate in International Training in German language teaching, equivalent to Refresher Course, Austria 06 to 30-08-07

### (C) Students

Name	State/National/International	Nature of Achievement
<b>Department of German</b>		
Neha Joshi	International	Baden – Wuetternburg Fellowship for Masters Students under the students exchange programme for a period of four months at Schwaebisch – Gmuend, Germany 11-04-07 to 18-07-07

**Department of Economics**

Trushan Digant Chaubal	National	Indira Gandhi P.G. Scholarship for Single Girl Child (2006-08)
Trushan Digant Chaubal	State	Gujarat Economic Association Silver Jubilee Trust Scholarship
Sweta Shantilal Mehta	State	Gujarat Economic Association Silver Jubilee Trust Scholarship
Sanjana Mathur	State	Shri J. N. Sharma & Smt. Shanti Sharma Merit Scholarship
Rajinderkaur Paramjitsing Viridi	State	Shri J. N. Sharma & Smt. Shanti Sharma Merit Scholarship
Aditi Malay Dave		State Ranchhoddas Lotwala Foundation Scholarship
Neha Ramchandran Iyer		State Ranchhoddas Lotwala Foundation Scholarship

**Department of Library & Information Science**

Priyanka Pancholi	State	First in Quiz Contest
Madhuri Verma	State	First in Quiz Contest
Pawan Agrawal	State	First in Essay Contest
Bela Vaghela	State	First in Poster Contest
Jignasha Rana	State	Second in Poster Contest

## 5. Faculty of Commerce

### 1. INTRODUCTION

The Faculty of Commerce was established in the year 1949 with the student strength of 362. In the year 2007-2008, the total number of students (Under-graduate and Post-graduate) has reached a huge figure of 16,635. The courses being offered by the Faculty of Commerce enjoy tremendous demand. The faculty also offers professional P.G. Diploma Courses in the areas of Business Management, Financial Management, Sales and Advertisement. The restructuring of syllabus in B.Com. Programme has been progressively implemented year after year. All the Departments offer specialization in their individual disciplines.

At present, the Faculty is spread over four units Main Building, Higher Payment Unit, Girls' College and Deep Ashwinbhai Patel Centre for Post Graduate Studies, in the M.S. University of Baroda. The B.B.A. Classes are also conducted at Deep Centre. During the academic year, the faculty invited eminent speakers and scholars to deliver expert lectures on various occasions including seminars and conferences. The faculty also organized a number of extra-curricular activities with the support of teachers and active participation of students. Several teachers of the Faculty of Commerce were also invited to conduct sessions as 'Resource Persons' in various Orientation Programmes and Refresher Courses. Some of the faculties rendered their honorary services as visiting faculties to well known institutions and universities. As a part of continuous growth improvement in academic achievement, faculties have also encouraged research students for the award of degree of Ph.D. in commerce.

#### **DEPARTMENT OF ACCOUNTING & FINANCIAL MANAGEMENT**

The Department of Accounting & Financial Management was established in the year 1949, right from the inception of Faculty of Commerce and the M.S. University of Baroda. The Department is engaged into teaching and promoting the discipline of Accounting and Financial Management. The varied areas covered are: Financial Accounting, Cost Accounting, Direct and Indirect Taxation, Auditing, Management Accounting, Financial Management, Capital Market, Investment Management etc. for UG and PG Students.

The Accounting and Finance Students Association (AFSA) remained very active during the year. Industrial Visit for P.G. Students was organized of two units at Halol for industrial exposure and practical insight to real world for UG Students over and above other activities Quiz-competition was organized to sharpen their knowledge in the area of Accounting and Allied areas; as well as general knowledge. The members of the department contributed to AFSA activities.

#### **DEPARTMENT OF BUSINESS ECONOMICS**

The Department of Business Economics, one of the earliest departments in its field, imparts applied economics education to over 15,000 students at five different locations in The Maharaja Sayajirao University of Baroda. The Department was originally with the Department of Economics, Faculty of Arts, till it got separated in 1972 as "The Department of Business Economics" since then it is attached with the Faculty of Commerce. It has the distinction of being India's second University Department, specializing in Business Economics with 30 faculty members. The faculty members' prolific research output is reflected in over 35 Ph.Ds, and over 60 publications at national and international levels.

In the present context of the state of the Indian Economy and its affairs of national governance, it is visualized that in the years to come, all energies must be focused on two crying needs - *Revitalization and Growth*. In view of this the curriculum in the department has been framed to provide an in-depth knowledge of Economics with a thrust on its application. The focus is on areas such as Managerial Economics, Corporate and Financial Economics, International Trade, Quantitative Economics, Infrastructure and Public Utilities, Environmental Economics, Human Resource Economics etc., so as to prepare students to face the challenges of life.

#### **DEPARTMENT OF COMMERCE INCL. BUSINESS ADMINISTRATION**

The second biggest Department of the Faculty of Commerce in terms of size and enrollment, having team of young and dynamic Faculty Members, has vibrant and active Management Students' Association [MSA: UG & MSA: PG]. The Dept. was established in 1949 and it offers B.Com, M.Com and Various Post Graduate Diploma Courses in the subjects of Business Management, Marketing Management and Human Resource Management. [MSA: PG] organized "MAGWEEK 2007-2008" themed on "India in 2020" [Issues, Opportunities & Challenges] during 8<sup>th</sup> to 13<sup>th</sup> of October 2007. The Department also organized a National Seminar themed on "Managing Global Competitiveness: India and Canada Perspective" with the support of the [MSA: PG] in collaboration with Centre for Canadian Studies, Faculty of Arts during 17-19 January, 2008. A soft copy (CD) of the proceedings of the Seminar was released and Abstracts of more than 100 papers received were published in the form of proceedings of the seminar called as "Pragyan". The Department has thoroughly revised the syllabus of each of the compulsory & optional subjects taught at UG & PG to

be effective from the academic year 2008-2009. The Department has launched PG Diploma in Services Management for job aspirants and working people from the academic year 2008-2009. The MSA: UG & PG also organized various industrial visits to prestigious companies, Guest lectures/talks of eminent professionals and distinguished academicians too were arranged. Our faculty members participated in the National/International/State level seminars and Conferences. Few of them participated and also presented papers in the National/International level Seminars and conferences. The department has conducted placement activities too.

**DEPARTMENT OF BANKING & INSURANCE**

This department is perhaps one of the premier departments in Indian Universities which is mainly engaged in Postgraduate Education & Training. The P.G. Diploma in Banking provides one month training programme for the students in a nationalized bank in Baroda city as an integral part of course curriculum. The Department of Banking & Insurance is located in Co-operation Building, Faculty of Commerce. However the classes are conducted at Deep Ashwinbhai Patel Center for P.G. Studies, Donor's Plaza, Fatehgunj, Vadodara.

Post Graduate Students of the Department has formed Banking and Insurance Students' Forum in Academic Year 2005 which was reactivated in the Academic Year 2007-2008. Various academic activities are organized and managed by the students under this forum.

**DEPARTMENT OF CO-OPERATION**

The Department of Co-operation right from its inception is playing an important role in providing efficient facilities like co-operative Education, Training and conducting Research Studies. It is also actively engaged in educating the students in 'co-operation which is one of the thrust areas of the Government Policy and Planning in materializing the Socio-Economic objectives. It is the only university department in the State of Gujarat and perhaps one of the very few in the country, imparting education in area of Cooperatives. The department offers Post Graduate Degree and Diploma Courses and also the Ph.D. Programme. It has recently taken up the initiative to place all its students to various Co-operative sector firms to get the practical insight of the co-operative practices of doing business. This initiative has been introduced on voluntary basis in collaboration with the well-known co-operative firms.

**2. BOARDS OF STUDIES**

Sr. No.	Name of the Board of Studies	Sr. No.	Name of the Board of Studies
1.	Banking and Insurance	3.	Commerce including Business Administration
2.	Accounting and Financial Management	4.	Business Economics
		5.	Co-operation

**4. (C) PUBLISHED ARTICLES /PAPERS IN JOURNAL(S) / EDITED VOLUMES**

Sr. No.	Author(s)	Title	Name of Journal, Volume Number, Page Numbers, Month and Year
<b>Department of Business Economics</b>			
1.	Joshi, S. D.	Economic Growth and Environmental Dilemma of Canadian Society	Edited Book : Mapping Canadian Literature and Social Sciences by R. K. Dhavan & D. K. Pubby, Prestige Books, New Delhi, pp. 143-163 , 2007
		State Capitalism and Regional Industrial Development in the Recent Time	Studies in Indian Economy, Vol. III edited by K. R. Gupta, Atlantic Publishers Pvt. Ltd., New Delhi, pp. 120-134, 2008
2.	Shah, K. R. , Agrawal, S.	Gujarat : Financing of Secondary Education	Financing of Secondary Education in India edited by JBG Tilak, Shipra Publications, New Delhi, 2008
<b>Department of Commerce Incl. Business Administration</b>			
1.	Vyas, P. H. [Co-Authored By Nigam P. ]	Multiple Manifestations of Management Education in India	Emerging Issues in Business Management, Edited Volume, Excel Books, pp. 83-92, September, 2007

- Measuring Consumers' Satisfaction in using ATM Technology and Management: Two Pillars of Success, Edited Volume, AIMS International, Houston, TX 77070, USA, pp. 294-301, December, 2007
2. Vyas, P. H. Pattern of Young Female Student Internet Users New Age Marketing, Edited Volume, Excel Books, pp. 111-126, January 2008
- Public Private Partnerships In Urban Infrastructure of India: A Critique Management of Urban Services: The Role of Management Institutions; Edited by Dr. S. Mallikharjunna; School of Management Studies; University of Hyderabad, ISBN Number 81-8424-294-8, Allied Publications, New Delhi, pp. 69-89, 2008

5. (B) PAPER PRESENTED AT NATIONAL / STATE LEVEL SEMINARS/CONFERENCES

Sr. No.	Author( s)	Theme, Organizing Body, Place and Date of Seminar / Conference	Title of the Paper
<b>Department of Business Economics</b>			
1.	Agrawal, S. , Achant, J.	National Seminar on 'Managing Global Competitiveness : India and Canada Perspectives', organized by Centre for Canadian Studies and Dept of Commerce Incl. B.A., The M. S. University of Baroda, Vadodara, January 17-19, 2008	Employment and Productivity : Prospects for Co-operation between India and Canada
		National Seminar on 'Managing Global Competitiveness : India and Canada Perspectives', organized by Centre for Canadian Studies and Dept of Commerce Incl. B.A., The M. S. University of Baroda, Vadodara, January 17-19, 2008	Implications of Migration for Global Competitiveness and Growth : India V/s Canada
		National Seminar on 'Quality Improvement in School Education', organized by CASE, Dept. of Education, Faculty of Edu & Psy., The M. S. University of Baroda, Vadodara, January 18-19, 2008	Entrepreneurial Education : A New Line of Innovation in School Teaching National Seminar on 'School Education'
2.	Agrawal, S. , Ramesh, D.	'Statistics', organized by NUEPA, Delhi, March 3-5, 2008	Privatization and School Education in India : Some Data Gaps
3.	Budhedeo, S. H., Bansal, S. N.	National Seminar on 'Revival of Rural Credit Co-Op. in India : Issues, Challenges and Opportunities', organized by Dept. of Co-operation, Faculty of Commerce, The M. S. University of Baroda in collaboration with National Institute of Co-operative Management, Gandhinagar, March 7- 8, 2008	Strategies for Financial Inclusion through Rural Credit Co-operatives in India
4.	Hema, S. C.	Economic Diversification in Rural India – The Indian Society of Labour Economics – 49 <sup>th</sup> Conference, CESS, Hyderabad, December 15-17, 2007	Trends and Patterns of Diversification in Gujarat Agriculture in the Post-reform Period
		National Seminar on 'Revival of Rural Credit Co-Op. in India : Issues, Challenges and Opportunities', organized by Dept. of Co-operation, Faculty of Commerce, The M. S. University of Baroda in collaboration with National Institute of Co-operative Management, Gandhinagar, March 7- 8, 2008	Co-operative Credit – Issues and Imperatives

- |     |                                  |   |  |
|-----|----------------------------------|---|--|
| 5.  | Joshi, S. D.,<br>Bhadarka, N. V. | National Seminar on 'Harnessing India – Japan Bilateral Partnership', organized by Shyam Lal College (Eve), University of Delhi, New Delhi, February 7-8, 2008  | Exploring International Trade Pattern of Japan: A lesson for India               |
| 6.  | Krishnakumar, P.,<br>Ramesh, D.  | National Seminar on 'Revival of Rural Credit Co-Op. in India : Issues , Challenges and Opportunities', organized by Dept. of Co-operation, Faculty of Commerce, The M. S. University of Baroda in collaboration with National Institute of Co-operative Management, Gandhinagar, March 7- 8, 2008 | Rural credit and Agricultural Development  |
| 7.  | Kumar, J.,<br>Bhatia, H.         | 'Managing Global Competitiveness : India and Canada Perspectives', organized by Centre of Canadian Studies and Dept. of Commerce Incl. Busi. Admn. The M. S. University of Baroda, January 17-19, 2008  | Planet & the Little Fingers: India Canada Perspective                            |
| 8.  | Kumar, J.,<br>Bhatia, H.         | 38 <sup>th</sup> Annual Conference, Gujarat Economic Association, Sardar Patel Institute of Economic and Social Research, Ahmedabad February 2-3, 2008  | Poverty beyond Poverty: The Changing Perspectives                                |
| 9.  | Nayak, D. N.,<br>Jha, S. P.      | 'Special Economic Zones: issues and Challenges Ahead', organized by Faculty of Social Work, The M.S. University of Baroda, Vadodara, February 5-6, 2008   | Foreign Direct Investment and SEZ in India                                       |
| 10. | Ramesh, D.                       | National Seminar on 'Emerging Trends in Rural Economy – Globalization Dimensions, Focus on Rural Initiatives', organized by Dept. of Economics, Kakatiya University, Warangal, November 3-4, 2007   | Impact of Economic Reforms on Indian Economy with Emphasis on Agriculture Sector |
|     |                                  | 49 <sup>th</sup> Annual Labour Economic Conference on 'Economic Diversification in Rural India, Trends in Wages & Income Differentials', CESS & NIRD, Hyderabad, December 15-17, 2007   | A Study on Agricultural Diversification  |
| 11. | Ramesh, D.,<br>Krishnakumar, P.  | National Seminar on 'Revival of Rural Credit Co-Op. in India : Issues, Challenges and Opportunities', organized by Dept. of Co-operation, Faculty of Commerce, The M. S. University of Baroda in collaboration with National Institute of Co-operative Management, Gandhinagar, March 7- 8, 2008  | Rural Credit and Agricultural Development  |

**Department of Commerce Incl. Business Administration**

- |    |              |   |   |
|----|--------------|---|---|
| 1. | R. Hariharan | All India Commerce Association, Osmania University, Hyderabad, December 28-30, 2007   | Retailing in India : Issues & Concerns  |
| 2. | Desai, S. R. | 'Recent Statistical Techniques in Bio-Statistics, Management Science & Related Areas' , organized by Dept. of Statistics, The M.S. University of Baroda, February 14-16, 2008   | Modeling the Cumulative Customer Satisfaction – Brand Loyalty Relationship as a Non-Linear Functional Structure |
| 3. | Vyas, P. H.  | 60 <sup>th</sup> Annual Conference of the Indian Commerce Association, 'Retailing Perspectives: Challenges and Opportunities', organized by Department of Commerce, Osmania University, Hyderabad, December 27-29, 2007 | The Gaze of Indian Retailing: Transformations, Issues & Challenges  |

# The Maharaja Sayajirao University of Baroda

## Department of Co-operation

1. Bansal, S. N.,  
Thakkar, G. R. National Seminar on 'Revival of Rural Credit Co-Op. in India : Issues, Challenges and Opportunities', organized by Dept. of Co-operation, Faculty of Commerce, The M. S. University of Baroda in collaboration with National Institute of Co-operative Management, Gandhinagar, March 7- 8, 2008 Revival of Rural Credit Co-operatives in Vadodara District
2. Bansal, S. N.,  
Budhedeo, S. H. National Seminar on 'Revival of Rural Credit Co-Op. in India : Issues, Challenges and Opportunities', organized by Dept. of Co-operation, Faculty of Commerce, The M. S. University of Baroda in collaboration with National Institute of Co-operative Management, Gandhinagar, March 7- 8, 2008 Strategies for Financial Inclusion through Rural Credit Co-operatives in India
3. Baloni, N. D. National Seminar on 'Revival of Rural Credit Co-Op. in India : Issues, Challenges and Opportunities', organized by Dept. of Co-operation, Faculty of Commerce, The M. S. University of Baroda in collaboration with National Institute of Co-operative Management, Gandhinagar, March 7- 8, 2008 Rural Co-operative Credit and Inclusive Growth

## 6. TALKS OF ACADEMIC NATURE IN PROFESSIONAL PROGRAMMES

Sr. No.	Name (s)	Nature of Professional Programmes	Title	Participated as
<b>Department of Business Economics</b>				
1.	Agrawal, S.	Training Programme for Taluka level officers at SPIPA, Regional Training Centre, Vadodara	Poverty and Human Development	Resource person
		Training Programme for Taluka level officers at SPIPA, Regional Training Centre, Vadodara	Financing of Social Sector	Resource person
2.	Joshi, S. D.	National Seminar on "Growth, Employment and Inflation in India: A Post Reform Scenario", October 27-28, 2007	Self Employment in India	Discussant
		National Seminar on 'Managing Global Competitiveness: Canada and India', The M. S. Univ. of Baroda, Vadodara, January 17-19, 2008	Global Competitiveness and Changing Business Environment	Chair Session : V
		UGC Scheme of Exchange of Teachers at University Post Graduate Department, Dept. of Research Methodology and Interdisciplinary Studies in Social Sciences, South Gujarat University, Surat, March 24, 2008	Pattern of Industrial Development in Recent Time	Special Lecture
<b>Department of Commerce Incl. Business Administration</b>				
1.	Hingorani, A. R.	Business School of Jammu University ( MBA Programme) Jammu	Organisational Life with Reference to HR Practices & Jobs Satisfaction	Delivered lecture

	M.Com., Dept. of Commerce Jammu University, Jammu	Approaches to Management	Delivered lecture
	MBA students Khatau Campus, Jammu	Organisational Development	Delivered lecture
2.	Vyas, P. H.	State Level Workshop on "Research Methodology in Commerce and Management" organized by S D School of Commerce, Gujarat University, Ahmedabad and Gujarat Branch of Indian Accounting Association, October 1, 2007	Scaling Techniques Resource Person
	State level 28 <sup>th</sup> Refresher Course in Commerce & Management organized by the School of Commerce, Gujarat University, Ahmedabad, November 29 - December 8, 2007	e-Marketing	Resource Person
	Faculty Development Programme on "Research Methodology For Management Research" organized by Ganpat University, Mehasana, December 22-27, 2007	Research Design Scaling Techniques	Resource Person
	National Level Refresher Course in Commerce organized by the School of Commerce, Devi Ahilya Vishwa Vidyalaya November 29 - December 8, 2007	Marketing of services	Resource Person
	UGC, New Delhi Sponsored National Seminar 'Insurance Sector Reforms in India : Challenges & Opportunities' organized by Nizam College, Osmania University, Hyderabad, August 8, 2007	Insurance Sector Reforms in India! Challenges & Opportunities	Key Note Speaker in the National Seminar
	UGC, New Delhi sponsored National Seminar "Recent Tourism Scenario in India & Its Impact on Economy of Rajasthan" organized by S S Jain Subodh PG College, University of Rajasthan, Jaipur, September 27-28, 2008	Indian Tourism in the New Millennium	Chairman, Technical Session in the National Seminar
	One Day State Level Seminar on "Banking Reforms in India" organized by the Indian Commerce Association, Gujarat Branch, and Smt. T J Patel English Medium Commerce College Nadiad, November 25, 2007	Banking Reforms in India	Chairman, Technical Session in the State Level Seminar
	UGC, New Delhi sponsored National Seminar organized by J.D.B. College PG College, Kota , 'Globalization and Dynamics of Higher Education' January 21-22, 2008	Women Empowerment and Higher Education	Chairman, Technical Session in the National Seminar

## The Maharaja Sayajirao University of Baroda

### Department of Co-Operation

- |    |               |   |  |                  |
|----|---------------|---|--|------------------|
| 1. | Bansal, S. N. | National Seminar on "Managing Global Competitiveness And Changing Business Environment: Canada India Perspectives" organized by The Centre of Canadian Studies, Faculty of Arts and Department of Commerce including Business Administration, January 17-19, 2008 | Managing Global Competitiveness And Changing Business Environment: Canada India Perspectives | Session Chairman |
|----|---------------|---|--|------------------|

### 7. CONTRIBUTION IN CONDUCTING PROFESSIONAL / ACADEMIC PROGRAMMES

Sr. No.	Name (S)	Programme (s), Place and Date (s)	Participated as
<b>Department of Commerce Incl. Business Administration</b>			
1.	Hingorani, A. R.	Dept. of Commerce, Faculty of Social Science, Jammu University, Jammu, October 17 – 31, 2007	UGC Fellow under SAP (Special assistance programme)
2.	Vyas, P. H.	National Seminar on "Managing Global Competitiveness And Changing Business Environment: Canada India Perspectives" organized by The Centre of Canadian Studies, Faculty of Arts and Department of Commerce including Business Administration, The M. S. University of Baroda, Vadodara and (Management Student Association: P.G), January 17-19, 2008	Seminar Director in the National Level Seminar
		National Level Summer Project Contest "VM's Pratibha" organized by the "Ganpat University, Mehasana, September 27-28, 2008, October 6-7, 2007	Expert Panel Member
<b>Department of Co-operation</b>			
1.	Bansal, S. N.	National Seminar on "Managing Global Competitiveness And Changing Business Environment: Canada India Perspectives" organized by The Centre of Canadian Studies, Faculty of Arts and Department of Commerce including Business Administration, The M. S. University of Baroda, Vadodara and (Management Student Association: P.G), January 17-19, 2008	Director of Seminar
2.	Baloni, N. D.	National Seminar on 'Revival of Rural Credit Co-Op. in India : Issues , Challenges and Opportunities', organized by Dept. of Co-operation, Faculty of Commerce, The M. S. University of Baroda in collaboration with National Institute of Co-operative Management, Gandhinagar, March 7- 8, 2008	Organizing Secretary

### 8. PARTICIPATION IN ACADEMIC BODIES OF OTHER UNIVERSITIES

Sr. No.	Name (s)	Academic body of Universities/ Institution and places	Participated as
<b>Department of Commerce Incl. Business Administration</b>			
1.	Vyas, P. H.	Member, Research Development Committee, Jivaji University , Gwalior	Expert Member
		Expert Member, UGC –SAP Advisory Committee, PG Department of Business Studies, Sardar Patel University, Vallabh Vidyanagar	Expert Member

**11. IMPORTANT EVENTS/ACTIVITIES OF THE FACULTY / UNIT**

Description of the Event	Date, Time & Place
<b>Department of Accounting &amp; Financial Management</b>	
One day Workshop for Accountancy Teachers at Higher Secondary	20-12-2007, 9:00 a.m. to 6:00 p.m. at Assembly Hall, Deep Ashwinbhai Patel, Centre for Post Graduate Studies
An Industrial Visit to Innovative Tyers & Tubes Limited & Jajod Architectural Glass Pvt. Ltd., Halol	13-2-2008 at Halol
<b>Department of Commerce Incl. Business Administration</b>	
Organised "MAGWEEK 2007-2008". Themed on "India in 2020" (Issues Opportunities & Challenges)	October 8-13 , 2007 at Assembly Hall, Deep Ashwinbhai Patel, Centre for Post Graduate Studies
Organised National Seminar on "Managing Global Competitiveness : India and Canada Perspective"	January 17-19 , 2007
<b>Department of Co-operation</b>	
An Industrial Visit to Baroda Dairy, Makarpura Road, Vadodara	February 26, 2008
Practical Training for the Students of Co-operation in the Co-operative Institution, Prime Co-operative Bank, Govt. Servant Co-operative Credit Society, Baroda Central Co-operative Bank, Baroda Dairy	January 2008

**12. NEW COURSES INTRODUCED/APPROVED****Department of Accounting and Financial Management**

**The Board of Studies of Department of Accounting and Financial Management approved the following during the year 2007-2008.**

- (1) To offer one more specialization viz. Finance & Investment Management at U. G. Level.
- (2) To introduce Post-Graduate Diploma in Value Added Tax.
- (3) Restructuring of papers offered as compulsory and special papers, as well as the number of papers at S.Y.B.Com and T.Y.B.Com as special papers.
- (4) Revision of Syllabus of all papers dealt with by the department at UG level at the Faculty of Commerce.

All above proposals were also approved by the Faculty Board.

**13. ADDITIONAL FACILITIES CREATED IN TERMS OF****(A) NEW EQUIPMENT****Department of Accounting and Financial Management :**

- DELL Make Computer
- Lenovo Laptop

**Department of Commerce Including Business Administration :**

- Laptop "IBM Think Pad" under PG Diploma course in Business Administration [Higher Payment Unit: PG]
- "Personal Computer of ACER" under PG Diploma course in Business Administration [Higher Payment Unit: PG]
- LaserJet Printer 1020 under Self-financed PG Management Diploma Courses

## The Maharaja Sayajirao University of Baroda

### 14. DISTINGUISHED VISITORS AT DEPARTMENTS / FACULTY

S.No.	Name with Full Address	Designation	Date(s) of Visit	Purpose
<b>Department of Accounting and Financial Management</b>				
1.	Shri Milin Mehta, Vadodara	Practicing Chartered Accountant	7-8-2007	Orientation Programme for PGDFM – Students
2.	Shri R. M. Kapadia, Vadodara	Ex-Director Alembic Ltd.	10-8-2007	Orientation Programme for PGDFM – Students
3.	Shri Jagdish Thakkar	Vice – President VSE Ltd.	06-08-2007	Orientation Programme for PGDFM – Students
4.	Shri Hiren Amin	Practicing Chartered Accountant	11-8-2007	Orientation Programme for PGDFM – Students
<b>Department of Commerce Incl. Business Administration</b>				
1.	Mr. Achal Rangaswamy, Bell Ceramics Ltd. Vadodara	Vice President Marketing	12/10/2007	Life experiences in Marketing and sales- Career path
2.	Mr. Shardul Bhatt Transpek Silox Ltd. Vadodara	Head-Marketing	13-10-2007	Role of Marketing in Business-Issues, opportunities and Challenges
<b>Department of Banking and Insurance</b>				
1.	Mr. Prakash Jain Bank of Baroda 5 <sup>th</sup> Floor, Suraj Plaza Vadodara	Deputy General Manager	12-10-2007	Reactivation of Banking & Insurance Students' Forum - Guest Lecture on IT Application in Banks

### 16. ACHIEVEMENTS/HONOURS/AWARDS

#### (A) TEACHING STAFF

Sr.No.	Name	State/National/International	Nature of Achievement
<b>Department of Accounting &amp; Financial Management</b>			
1.	Shah, A.	National	Appointed as Public Representative Director at VSE Stock Services Limited (A Subsidiary of VSE Ltd.) appointed by SEBI

## 6A. Faculty of Education & Psychology

### 1. INTRODUCTION

The Secondary Teachers' Training College was started in 1935 as a temporary institution to train the graduate and matriculate teachers of secondary schools in Baroda state. It was made a permanent institution in 1938, because of its good work and salutary influence on the secondary school system of the state. During the same year the college was provided with a permanent building and practicing school of its own. The institution was raised to the status of Faculty of Education and Psychology when the Maharaja Sayajirao University took it over in 1949.

The Faculty of Education and Psychology is one of the distinguished institution and the only of its kind holding the status of the Center of Advanced Study in Education (CASE). The faculty has three departments viz. Department of Education, Department of Educational Administration and Department of Psychology. It offers the number of courses like Bachelor of Education, Master of Education, Professional Diploma in Educational Management, Post-Graduate Diploma in Clinical and Community Psychology, Post-Graduate Diploma in Human Resource Development, Post-Graduate Diploma in Guidance and Counselling M.Phil. in Education, Doctor in Philosophy (Education), Doctor in Philosophy (Psychology). The Faculty of Education and Psychology provides facilities for teaching and research in various branches of education and psychology.

#### **DEPARTMENT OF EDUCATION**

The Department of Education is well known as a Centre of Advanced Study in Education (CASE) provides academic leadership in the field of Education in the country. The department is vibrant in organizing continuous academic programmes for undergraduate, postgraduate and research students. It also conducts state and national level Workshops/Seminars and provides academic platform for educationist of India and abroad. The department has been offering academic services to support Gujarat State Government and also MHRD on various developmental projects in Education. The Department is also having a Study Centre of IGNOU and provides Counselling to B.Ed students of distance Education. It monitors and supervises the National Project "Sarva Shiksha Abhiyan" in the State of Gujarat. Department of Education is presently focusing on area of Teacher Education, Educational Technology, ICT in Education, Guidance and Counselling, Value Education and Life Skills. Several externally funded research projects are being taken by most of the staff members for conducting research in these areas. Apart from this, the department is also providing academic support to the local schools by organizing specialized training programmes and workshops for teachers on various aspects of teaching learning process. CASE also orients newly recruited lecturers of the M.S. University of Baroda in the methodology. The department offers teaching and evaluation to post graduate diploma course in Guidance & Counselling in the evening.

An important feature of the Department is the love and infinite care of its teachers and grit and determination of its students. It is said that the "Life itself does not give you joy, its up to you to will it, life gives you time and space, its up to you to fill it". It is because of this love, care, grit and determination that the students of this institution have made it to top schools in the city, state and country.

Being trained and having acquired knowledge, skills and attitudes from the institution, our mission aims to be effective and competent teachers so as to work upon immortal souls, and imbue them with principle, with just fear of God, and the love of our fellow and engrave on these tablets something that will brighten all eternity.

#### **DEPARTMENT OF EDUCATIONAL ADMINISTRATION**

The Department has got the DRS-(SAP-III) UGC Project after the successful completion of its second phase. It has been researching to understand and theorize in the area of educational management at all levels of education and women in educational management. The Department has been offering Post-Graduate Diploma in Educational Management and Master degree in Educational Management. Several students have been working for their Ph.D.s under its dynamic faculties. It has also developed national and international level networking.

#### **Objectives of the Department**

- To conduct research and innovations in the area of educational management and disseminate the same at national and international levels.
- To undertake national and international networking programmes for promoting teaching and research.
- To integrate ICT for the promotion of research and teaching.
- To publish books and journal in the area of educational management.
- To strengthen the infrastructural facilities in the Department.

# The Maharaja Sayajirao University of Baroda

## DEPARTMENT OF PSYCHOLOGY

Department of Psychology was established in 1952 and this is one of the best department in India in terms of syllabi, options offered and placements. Our specializations are Clinical Psychology, Industrial Psychology, Counselling Psychology and Educational Psychology. We have Field work at U.G. level and Dissertation at P.G. level. – we run 3 P.G. Dip. Courses i.e. Human Resources Development, Clinical and Community Psychology and Clinical and Applied Hypnosis.

## 2. BOARDS OF STUDIES

### Sr. No. Name of the Board of Studies

1. Education & Educational Administration
2. Psychology

## 3. (A) RESEARCH PROJECTS AWARDED BY OUTSIDE FUNDING AGENCY

Sr. No.	Name (s)	Title	Funding Agency	Grants in Rupees
<b>Department of Education</b>				
1.	Patel, R. C., Kumar, S.	Sample checking of DISE data 2007-08	Gujarat Council of Primary Education, Gandhinagar	2,07,900
<b>Department of Educational Administration</b>				
1.	Pradhan, N. J.	DRS-UGC (SAP) Project Phase-III	UGC, New Delhi	30,00,000
<b>Department of Psychology</b>				
1.	Biswas, U. N.	Effect of Positive Thought Therapy on psychological and immune parameters of HIV/AIDS people, 2007.	Gujarat State Government through Centre of Thoughtronics Studies, The M. S. University of Baroda	1,50,000

## (B) PROJECT CONTINUED FROM PREVIOUS YEAR

Sr. No.	Name (s)	Title	Date of Award	Funding Agency	Grants in Rupees
<b>Department of Education</b>					
1.	Panigrahi, S., Das, J. & others	Decentralized Governance of Primary education.	2004-08	NCERT, New Delhi	2,00,000
2.	Panigrahi, S. C., Biswal, A. B., Srivastava, S., Das, J., Goel, C.	A Study of the Decentralized Governance of Rural Elementary Education in Gujarat.	2005 - 06	NCERT, New Delhi	2,00,000
3.	Patel, R. C.	Supervision and Monitoring of SSA in Gujarat	01.04.2006 upto 31.03.2008	Ministry of Human Resource Development Government of India, New Delhi.	12,60,000

## 4. (A) BOOKS &amp; EDITED VOLUMES PUBLISHED

Sr. No.	Author(s)/ Editor(s)	Title	Name of Publisher, Year and Place of Publication
<b>Department of Education</b>			
1.	Kothari, R. G., Patel, M. M., Pathak, U. B., Dave, J. K.	Expanding Horizons of Education.	B.S. Shah Publisher, (4 <sup>th</sup> edition) , 2007, Ahmedabad
2.	Kothari, R. G., Mehta, A. L. (Ed.)	Ganit Darshan (Four volumes)	Samasti Trust, 2007-08, Vadodara

## (C) PUBLISHED ARTICLES /PAPERS IN JOURNAL(S) / EDITED VOLUMES

Sr. No.	Author(s)	Title	Name of Journal, Volume Number, Page Numbers, Month and Year
<b>Department of Education</b>			
1.	Das, J., Kaptan, S., Biswal, A.	Effectiveness of Cartons & Comics Based Learning Materials to teach Environment to Standard II students	Technology Integrated Education CASE, The M. S. University of Baroda, Vadodara, pp. 122-131, 2007-08
2.	Deota, N. P.	Development of the Instructional Material for the Teaching of Sanskrit (VIIIth Std.) at the B.Ed. Level through Micro Teaching Approach	Research in Education, CASE, MSU, Vadodara, p. 9, 2008
		"Chopat" by Prof. Rajan Jayswal, translated by Dr. Pradip Pandya	'Swadhyay' Journal of Oriental Institute, Vadodara, p. 42, 2007-08
3.	Goel, D. R. , Goel, C.	Technology Enabled, Child Integrated and Differentiated Education: Implications for Teacher Education	Technology Integrated Education, CASE, MSU, Vadodara, pp. 27-36, January 2008
4.	Goel, C., Goel, D. R.	Technology in Education : Research Trends in India	Technology Integrated Education, CASE, MSU, Vadodara, pp. 207-209, January 2008
		Technology for Wholistic Education	Research in Education, CASE, MSU, Vadodara, pp 139-148, January 2008
5.	Goel, D. R., Goel, C., Madhavi R. L.	A Comparative Study of Teaching Aptitude of Pre-Service and In-Service Teachers	Research in Education, CASE, MSU, Vadodara, pp. 14-19, January 2008
6.	Khirwadkar, A.	Integrating Multimedia Package at Pre-service Level : A Technology for Smart Schools	Indian Journal of Open Learning Vol.17, No.1, pp. 25-33, January 2008
		Reinvesting the Paradigm of Teaching Implication for Teacher Education	Journal of Indian Education Vol. XXXIII, No.2 , pp. 50-58, August 2007
7.	Khirwadkar, A., Madhavi, R. L.	ICT : A Tool for Individualized Learning.	Experiments on Education, Vol. XXXV, No. 4, pp. 9-13, April 2007
		Technology Medicated Strategies : Issues & Concern at Pre-Service Level	Technology integrated education, CASE M.S.U. Vadodara, Vol. I, pp. 90-95, January 2008
8.	Khirwadkar, A., Madhavi, R. L., Goel, C.	Survey of Management of ICT in High Tech Schools of Baroda City	Research in Education, CASE, MSU, Vadodara, Vol. I, pp. 149-176, January 2008

## The Maharaja Sayajirao University of Baroda

- |     |   |  |   |
|-----|---|--|---|
| 9.  | Kothari, R. G.                                      | Measuring Instrument : Some Basic Issues<br><br>21 points for 21 <sup>st</sup> Century   | Chapter in a book : "Research Tool" – Guidance for Educational Research, Vol. I, pp. 1-3, January 2008<br><br>SETU, Vol. 7, (9), pp. 14-24, March, 2008   |
| 10. | Kothari, R. G.,<br>Dinker, G.                       | Elementary Teacher Education through Distance Mode   | Indian Journal of Open Learning Vol. 16(2) , pp. 143-157, May 2007  |
| 11. | Kothari, R. G.,<br>Sr.Eva Justina                   | Integrating Enneagram Educational Programme of B.Ed. for Enhancing EQ  | Research in Education, CASE, M.S.U., Vadodara, Vol. I, pp. 33-38, January 2008  |
| 12. | Kumar, S.,<br>Patel, R. C.                          | Curriculum Improvement in Teacher Education through Research   | Anthology of Best Practices on Teacher Education by National Assessment and Accreditation Council (NAAC) and Common Wealth of Learning (Col) Canada, pp. 96-101, August, 2007   |
| 13. | Kumar, S.,<br>Patel, R. C.,<br>Mehta, A. K.         | Experiments with Continuous Evaluation and Open Book Examination   | University News, Vol. 45, pp. 1 - 5, July 16-22, 2007   |
| 14. | Kumar, S.   | Development of a Scale for Rating Teaching Performance of the University Teachers by their Students  | Research in Education. CASE, MSU, Vadodara, Vol. I, pp. 191-199, January 2008   |
| 15. | Kumar, S.,<br>Patel, R. C.,<br>A. Ramachary         | Performance Appraisal of School Teachers – Development of a Scale  | Research in Education. CASE, MSU, Vadodara, Vol. I, pp. 200-215, January 2008   |
| 16. | Mani, R.S.  | Role of Technology in Instruction and Design   | Technology Integrated Education, CASE, MSU, Vadodara, Vol. I, pp. 71-76, January 2008   |
| 17. | Oza, D.J.   | 'Tare Pyare Hamare' – Learning Disability'   | 'Aditya Kiran', Chandan Education Trust, Ahmedabad, Vol. 9, pp. 2-5, January 2008   |
| 18. | Panigrahi, S. C.,<br>Sikdar Mandira                 | Quality of Municipal Corporation Primary School of Baroda City   | Research in Education, CASE, MSU, Vadodara, Vol. I, pp. 249-264, January 2008   |
| 19. | Panigrahi, S. C.,<br>Ramkumar, N.,<br>Rajendren, M. | A study on Acquisition of Process Skills Among Primary School Children : A Constructivist Approach   | Research in Education, CASE, MSU, Vadodara, Vol. I, pp. 265-275, January 2008   |
| 20. | Patadia, Harsha,<br>Goel, C.                        | Use of Educational Technology in Schools of Vadodara   | Technology Integrated Education, CASE, MSU, Vadodara, Vol. I, pp. 119-121, January 2008   |
| 21. | Patel, R. C.,<br>Awasthi, K.                        | Status of students and Balmitras in the Alternative and Innovative Education System<br><br>Perception of Community Members of different committees regarding SSA and its implementation<br><br>Problems faced by DPC, DIC-TT, IC-Gender DIC-MIC, BRCCS, CRCCS and Head Teacher in the implementation of SSA" | Journal of Teacher Education and Research, RAM-EESH, Institute of Education, Noida, Vol. 2, No.1, pp. 46-60, June 2007<br><br>Journal of Teacher Education and Research by RAM-EESH Institute of Education, Noida. Vol.2. No.1 , pp. 46-60, June 2007<br><br>Research in Education, CASE, MSU, Vadodara, Vol. I, pp.75-83, January 2008 |
| 22. | Pathak, S. P.                                       | Preparation of a Creativity Programme for Pre-Service Teacher Trainees at Primary Level and a Study of its Effectiveness   | Research in Education, CASE, MSU, Vadodara, Vol. I, pp. 1-13, January 2008  |

23. Srivastava, S. Technology Integrated Education : Disturbing Realities Technology Integrated Education, CASE, MSU, Vadodara, Vol. I, pp. 142-145, January 2008

**Department of Educational Administration**

1. Pradhan, N. J. Educational Supervision in Secondary Schools Indian Educational Research, Vol.1, pp.10-23, November, 2007
2. Pushpanadham, K., Education for Sustainable Development : Implications for Teacher Education International Forum of Teaching and Studies American Scholar Press, GA, USA, December 2007
- Khirwadkar, A. Cybernetics of e-learning features and prospects Technology Integrated education, CASE, M.SU, Vadodara, Vol. I, pp.59-65, January 2008

**Department of Psychology**

1. Biswas, U. N. Bio-Behavioral Intervention and Psycho-Neuro-Immunology of People Living with HIV/AIDS (PLWHA) In R. Singh, Radheyshyam, S. Singh (eds). Psycho-neuro-immunology : A Behavioral Approach. Global Vision Publishing House, New Delhi, pp. 155-191, 2008
2. Biswas, U. N. Perceived Quality of Life and Public Image among Police Personnel : A Study of Gujarat Police Abhigyan: Quest for Excellence, Vol XXV(2), pp. 28-35, 2007
3. Biswas, U. N. Promoting Health & Well-Being in Lives of People living with HIV/AIDS. Psychology & Developing Societies: A Journal, Vol 19(2), pp. 215-248,
4. Nair, P., Mobile Phone Usage, Communication Patterns and Interpersonal Relationships among Students Social Engineer – A Journal of International Perspective on Development, Vol. II, No. 1, pp. 31-39, January 2008

5. (A) PAPERS PRESENTED AT INTERNATIONAL SEMINARS / CONFERENCES

Sr. No.	Author( s)	Theme, Organizing Body, Place and Date of Seminar / Conference	Title of Paper
<b>Department of Education</b>			
1.	Kothari, R. G.	International Conference on Education for Sustainable Development – All India Association for Educational Research and Dada Dhukhayal College of Education Gandhidham, Maitri Mandal Adipur, Kuchchh, September 14-16, 2007	Education for Sustainable Development (Prof. M.B. Buch Memorial Lecture)
2.	Kothari, R. G., Dinkar, G.	International Conference on Education for Sustainable Development – All India Association for Educational Research and Dada Dhukhayal College of Education Gandhidham, Maitri Mandal Adipur, Kuchchh, September 14-16, 2007	Towards Purposeful and Quality Life : Reorienting Education for Sustainable Development
3.	Panigrahi, S. C., Rajendren, M.	International Conference on Education for Sustainable Development – All India Association for Educational Research and Dada Dhukhayal College of Education Gandhidham, Maitri Mandal Adipur, Kuchchh, September 14-16, 2007	Pre-Service Teacher Education Programme
4.	Pathak, S. P.	International Conference on Education for Sustainable Development – All India Association for Educational Research and Dada Dhukhayal College of Education Gandhidham, Maitri Mandal Adipur, Kuchchh, September 14-16, 2007	Life Skills Education : An Integrated Approach for Prolonged Sustainable Development

# The Maharaja Sayajirao University of Baroda

## Department of Educational Administration

1. Pushpanadham, K.,  
Holger Daun 'Gaining Educational Equity around the World',  
52<sup>nd</sup> Annual International Conference of Comparative  
and International Education Society, Teachers  
College, Columbia University, New York, USA,  
March 17-21, 2008 World System, Globalization and  
Comparison of National Cases of  
India and Sweden.
2. Pushpanadham, K.,  
Khirwadkar, A. 'Gaining Educational Equity around the World',  
52<sup>nd</sup> Annual International Conference of Comparative  
and International Education Society, Teachers  
College, Columbia University, New York, USA,  
March 17-21, 2008 Gaining Equity, Equality and Quality  
in Primary Education: Indian  
Experiences.

## Department of Psychology

1. Verma, A.,  
Dafal, M. International Seminar on 'Health Psychology,  
ISHP-2008', Dept. of Psychology, Dayal Bagh  
Educational Institute, Agra (U.P.),  
February 21-23, 2008 Power of Subconscious Mind

## (B) PAPERS PRESENTED AT NATIONAL / STATE LEVEL SEMINARS / CONFERENCES

Sr. No.	Author( s)	Theme, Organizing Body, Place and Date of Seminar / Conference	Title of Paper
<b>Department of Education</b>			
1.	Biswal, A., Das, J.	National Seminar on 'Wholistic Teacher Education', CASE, The M. S. University of Baroda, Vadodara, February 25-26, 2008	Changing Model for Wholistic Teacher Education
		National Seminar on 'Quality Improvement in School Education', CASE, The M. S. University of Baroda, Vadodara, January 18-19, 2008	Need of Specialization at an Early Stage of Schooling : Some Discussion.
2.	Chaudhari, P. M.	National Seminar on 'Education, Physical Education & Yoga Education in Knowledge Era : Directions, Issues, Concerns', Way Made College of Education and S.S. Patel College of Physical Education, Vallabh Vidyanagar, November 2-3, 2007	Importance of Learners Autonomy in Language Teaching and Learning
		National Seminar on Wholistic Teacher Education, CASE, The M. S. University of Baroda, Vadodara, February 25-26, 2008	Relation between Cognitive and Experimental Skill : Stepping towards Wholistic Teacher Education
		National Seminar on 'Quality Improvement in School Education', CASE, The M. S. University of Baroda, Vadodara, January 18-19, 2008	To study the Academic Achievement of Tribal Students of Ashram Schools of Surat District
3.	Das, J., Biswal, A.	National Seminar on 'Constructivism in School Education', NCERT, Bhopal, February 11-12, 2008	An Open Book Evaluation : A Bridge between Constructivism Learning Environment and NRE System
4.	Goel C., Goel, D. R.	National Seminar on Wholistic Teacher Education, CASE, The M. S. University of Baroda, Vadodara, February 25-26, 2008	Wholistic Teacher Education : Schemes and Suggestions
5.	Goel, D. R., Goel, C.	National Seminar on 'Quality Improvement in School Education', CASE, The M. S. University of Baroda, Vadodara, January 18-19, 2008	School Education: Issues & Innovations

## Faculty of Education & Psychology

- |     |   |   |  |
|-----|---|---|--|
| 6.  | Khirwadkar, A.                                | National Seminar on 'Quality Improvement in School Education' , CASE, The M. S. University of Baroda, Vadodara, January 18-19, 2008   | Education for knowledge Base Society : Issues Concern  |
|     |   | National Seminar on Wholistic Teacher Education, CASE, The M. S. University of Baroda, Vadodara, February 25-26, 2008   | Reflection on Technology Integretion at Pre-Service Level  |
| 7.  | Khirwadkar, A.,<br>Singh K.                   | National Convention on 'Curriculum Framework 2005', Navrachana College of Education, Vadodara, February 1-2, 2008   | Learning Made Meaningful using Modern Tools  |
| 8.  | Kothari, R. G.                                | New Horizons for Parents and Teachers, Reliance Industry Ltd. Surat, October 20, 2007   | Poor Scholastic Achievement : Causes and Remedies  |
|     |   | Seminar On "Education : Vision 2015' Gujarat Mitra, Surat, March 2, 2008  | Education for 21 <sup>st</sup> Century   |
|     |   | National Seminar On 'Social Exclusion and Margnalization', Dept. of Sociology, VNSGU, Surat, March 10, 2008   | Social Stratification in India vs. Education   |
| 9.  | Kothari, R. G.,<br>Patel, P.                  | 22 <sup>nd</sup> Conference of Gujarat Ganit Mandal, Vadodara, November 4, 2007   | Achievement of Class X : A Research  |
|     |   | National Seminar on 'Quality Improvement in School Education' , CASE, The M. S. University of Baroda, Vadodara, January 18-19, 2008   | Innovation and Change in School Education  |
| 10. | Kumar, S.                                     | 'Convergence of Open and Distance Learning and Conventional Universities : Issues and Approaches', Dr. Baba Saheb Ambedkar University , STTI, Gandhinagar, July 22-23, 2007 | Need and Possibility of Convergence of Open and Distance Learning and Conventional Universities in India |
| 11. | Kumar, S.,<br>Patel, R. C.,<br>Ramacharya, A. | National Seminar on 'Quality Improvement in School Education' , CASE, The M. S. University of Baroda, Vadodara, January 18-19, 2008   | Quality Enhancement in Secondary Teaching through Students' feedback                                     |
| 12. | Mani, R. S.                                   | National Seminar on 'Quality Improvement in School Education' , CASE, The M. S. University of Baroda, Vadodara, January 18-19, 2008   | Issues and Concerns in School Education in India   |
|     |   | National Convention on 'Curriculum Framework 2005', Navrachana College of Education, Vadodara, February 1-2, 2008   | Need for Transformation in Teacher Education.  |
|     |   | National Seminar on Wholistic Teacher Education, CASE, The M. S. University of Baroda, Vadodara, February 25-26, 2008   | Transformation of Teacher Education and School Education   |
| 13. | Mehta Anjali,<br>Shelat Prerana               | National Seminar on 'Quality Improvement in School Education' , CASE, The M. S. University of Baroda, Vadodara, January 18-19, 2008   | Role of Language Teaching in preventing value Erosion  |
| 14. | Oza, D. J.                                    | National Seminar on 'Quality Improvement in School Education' , CASE, The M. S. University of Baroda, Vadodara, January 18-19, 2008   | Alternative Schooling in Education: Is this Reality or Threat or Challenge?                              |
|     |   | National Seminar on Wholistic Teacher Education, CASE, The M. S. University of Baroda, Vadodara, February 25-26, 2008   | Preventing Factors to Make Teacher Education, a Wholistic Education                                      |
|     |   | UGC-DSA National Seminar on 'Child a Global Citizen : Third World Community', Faculty of Social Work, The M. S. University of Baroda, March 7-8, 2008                       | Is the Street Child prevented from becoming a global citizen?  |

## The Maharaja Sayajirao University of Baroda

- |     |  |   |  |
|-----|--|---|--|
| 15. | Panigrahi, S. C.                               | National Convention on 'Curriculum Framework 2005', Navrachana College of Education, Vadodara, February 1-2, 2008   | Envisioning a pre-service Teacher Education Programme in the Context of NCF 2005   |
| 16. | Panigrahi, S. C.,<br>Rajendren, M.             | National Seminar on Wholistic Teacher Education, CASE, The M. S. University of Baroda, Vadodara, February 25-26, 2008   | Wholistic Education Geneology Implications for Teacher Education   |
| 17. | Patel, R. C.                                   | National Seminar on 'Quality Improvement in School Education', CASE, The M. S. University of Baroda, Vadodara, January 18-19, 2008  | Acquisition of Process skills among Primary School Children : A Constructivist Approach                                      |
| 18. | Patel, R. C.,<br>Awasthi, K.                   | UGC-DSA National Seminar on 'Child a Global Citizen : Third World Community', Faculty of Social Work, The M. S. University of Baroda, Vadodara, March 7-8, 2008             | Alternative Strategies in Primary Education  |
| 19. | Patel, R. C.,<br>Amin, J.,<br>Chauhan P.       | National Seminar on 'Community and School Linkages : Principles and Practices' National University of Educational Planning and Administration, New Delhi, March 17-19, 2008 | Community Perceptions of SSA Implementation in Gujarat   |
| 20. | Patel, R. C.,<br>Amin, J.,<br>Shelat, P.       | National Seminar on 'Quality Improvement in School Education', CASE, The M. S. University of Baroda, Vadodara, February 25-26, 2008   | Relation between Cognitive and Experimental Skills : Stepping towards Wholistic Teacher Education                            |
| 21. | Patel, R. C.,<br>Awasthi, K.,<br>Ramachary A., | National Seminar on 'Constructivism' Regional Institute of Education, Bhopal, March 12-13, 2008   | Evaluating Scientific Cooperation: An Innovative Approach  |
| 22. | Patel, R. C.,<br>Awasthi, K.,<br>Ramachary A., | National Seminar on Wholistic Teacher Education, CASE, The M. S. University of Baroda, Vadodara, February 25-26, 2008   | Wholistic Approach in Teaching Science and Mathematics at Elementary level : Garden at School                                |
| 23. | Pathak, S.P.                                   | National Seminar on Wholistic Teacher Education, CASE, The M. S. University of Baroda, Vadodara, February 25-26, 2008   | Motivation in In-service Teacher Training Programs : A Wholistic Experience  |
| 24. | Pathak, S.P.                                   | ICT and Quality of Teacher Education under SSA: DEP-SSA (IGNOU) – New Delhi.  | Conceptual Understanding of Science through Conferencing Telecon : An Innovative Experiment in Pre-service Teacher Education |
| 25. | Srivastava, S.                                 | National Seminar on 'Quality Improvement in School Education', CASE, The M. S. University of Baroda, Vadodara, January 18-19, 2008  | Grassroots Innovations for Quality Improvement at Primary Level  |
| 26. | Srivastava, S.                                 | National Seminar on Wholistic Teacher Education, CASE, The M. S. University of Baroda, Vadodara, February 25-26, 2008   | Integration of Life Skills in the Pre-service Teacher Education: Lessons from an Experiment                                  |
| 27. | Srivastava, S.,<br>Biswal, A.                  | National Seminar on 'Quality Improvement in School Education', CASE, The M. S. University of Baroda, Vadodara, January 18-19, 2008  | Free Primary Education in India A myth   |
| 28. | Srivastava, S.,<br>Mohan Das, V.               | National Seminar on Wholistic Teacher Education, CASE, The M. S. University of Baroda, Vadodara, February 25-26, 2008   | Teacher Education at Cross Road  |
| 29. | Srivastava, S.,<br>Mohan Das, V.               | National Seminar on 'Quality Improvement in School Education', CASE, The M. S. University of Baroda, Vadodara, January 18-19, 2008  | Value Inculcation in Teaching of Mathematics through Integrated Approach at Secondary Level                                  |

26. Y.V. Lakshmi, Das, J., Biswal, A. National Seminar on Wholistic Teacher Education, CASE, The M. S. University of Baroda, Vadodara, February 25-26, 2008 Relevance of Teacher Education to School Education. In Quest of Wholistic Teacher Education

**Department of Educational Administration**

1. Pradhan, N. J. National Seminar on 'Quality Improvement in School Education', CASE, The M. S. University of Baroda, Vadodara, January 18-19, 2008 Quality Improvement of School Education
- 'Constructivist Approach to Education', Navrachana College of Education, Vadodara, February 1-2, 2008 Constructivist Approach to Education : National Curriculum Framework 2005
- UGC- DRS National Seminar on 'Professional Development of Educational Administrator', Department of Educational Administration, The M.S. University of Baroda, March 12-13, 2008 Developing Mission & Vision for Institute of Higher Education

**Department of Psychology**

1. Verma, A., Kahar, M. National Seminar on 'Quality Improvement in School Education', CASE, The M. S. University of Baroda, Vadodara, January 18-19, 2008 Innovation and Change in School Education  
Wholistic Quality in Higher Education  
VMOSA : An Approach to Develop the Vision of Organization
2. Verma, A., Lavingia, I. National Seminar on 'Quality Improvement in School Education', CASE, The M. S. University of Baroda, Vadodara, January 18-19, 2008 Quality Improvement in School Education, Issues & Concerns
3. Xavier, M., Nair, P. National Seminar on 'Quality Improvement in School Education', CASE, The M. S. University of Baroda, Vadodara, January 18-19, 2008 Organizational Development in Educational Institutions

**6. TALKS OF ACADEMIC NATURE IN PROFESSIONAL PROGRAMMES**

Sr. No.	Name (s)	Nature of Professional Programmes	Title	Participated as
<b>Department of Education</b>				
1.	Khirwadkar, A.	Workshop to Review the Manuscript of Class VIII Science Textbook, NCERT, New Delhi, June 19-25, 2007	Review Manuscript of Science Text std. VIII	Resource Person
2.	Kothari, R. G.	V.T. Chokshi College of Education, Surat, June 25, 2007	Professional Competence of Teachers – Expanding Horizons	Guest speaker
		Orientation Programme, ASC, Ahmedabad, June 30, 2007	Tips for Healthy Life	Resource Person
		N.H. Patel College of Education, Anand, September 10, 2007	Successful Teacher	Guest Speaker
		Lecture series sponsored by Hari Krishna Charitable Trust, Dept. of Education, VNSGU, Surat, September 10, 2007	Tips for Healthy Life	Guest speaker
		Leadership Training Programme by International School for Public Leadership, Agriculture University, Navsari, September 18, 2007	The Role of University Teachers as Educational Leaders	Resource Person

## The Maharaja Sayajirao University of Baroda

	Naranlala Institute of Teacher Education, Navsari, September 29, 2007	21 points to be kept in mind for teachers and 21 <sup>st</sup> Century	Guest Speaker	
	Vishinda Diamond Industry, Surat, October 21, 2007	Tips for Healthy Life	Guest Speaker	
	Dept. of Education, Saurashtra University, Rajkot, January 10, 2008	Some Issues in Educational Research	Guest Speaker	
	Nalini Arvind and T.V. Patel Arts College – Staff V.V. Nagar, February 1, 2008	Useful points for NAAC visit	Guest Speaker	
	Anand Education College, Anand, February 1, 2008	Factors Affecting Instructional Process	Guest Speaker	
	College of Education, Daman, March 3, 2008	Factors Affecting Educational Process	Guest Speaker	
	College of Education, Kharod, March 12, 2008	Factors Affecting Achievement.	Guest Speaker	
	South Gujarat College Management Association, Surat, March 27, 2008	Problems of Higher Education.	Resource Person	
	National Seminar on 'Quality Improvement in School Education', CASE, MSU, Vadodara, January 18-19, 2008	Quality Improvement in School Education	Key Note Address	
	4 <sup>th</sup> State Level Conference on "Educational Guidance – Research Tool", Gujarat Vidyapith, Ahmedabad, January 23-25, 2008	Measuring Instrument: Some Basic Issues	Key Note Address	
	'Me & My Environment' – U.G.C. sponsored Workshop, Dept. of Bio Science, VNSGU, Surat	Environmental Education	Inaugural address	
	National Conference on 'Sustainable Urban Develop Environment : Issues and Management Strategies', SVNIT, Surat, February 27, 2008	Education for sustainable development	Inaugural address	
3.	Kumar, S.	State Level Workshop organized by The Faculty of Social Work, Dr. B.R. Ambedkar Education Society and All India Federation of Rights and Social Justices, Ahmedabad, September 14-15, 2007	Development of Dalits in Gujarat	Key Note Address
4.	Kumar, S., Patel, R. C.	Workshop for Secondary School Teachers / Lecturers of DIET's of North Eastern Region, Shilong, August 20-24, 2007	Continuous and Comprehensive Evaluation	Resource Person
5.	Mani, R. S.	IGNOU Workshop,	Teacher's Role in Monitoring various Resources of the School	Resource Person
6.	Oza, D. J.	Women in India – Workshop at-WSRC, The M. S. University of Baroda, Vadodara, August 23, 2007	Women in Education	Panelist (Resource Person)

## Faculty of Education & Psychology

		Career week for Teachers of Career corner of Baroda District by Employment Education and Information Bureau of Vadodara District, January 25, 2008	Importance of Vocational Guidance	Key Note Address
7.	Patel, R. C., Acharya, V. R.	Workshop for Primary School Teachers of Ambe School, June 6, 2007	Effective Teaching	Resource Person

### Department of Education Administration

1.	Pradhan, N. J.	Workshop on School Intervention Programme for Quality Improvement of Secondary Schools.	"Needed Interventions for Quality Improvement of Secondary Schools"	Resource Person
		Seminar – Department of Education, Andhra Pradesh University, Vizag	"Building Academic Organizations"	Resource Person
		Workshop on Academic Supervision	Academic Supervision of Secondary School	Resource Person
2.	Pushpanadham, K.	Stockholm Education Administration – Head Teacher Summit, Stockholm University, Sweden, March, 2008	Global Citizenship Education	Resource Person
		Master of Arts in International Comparative Education at Stockholm University, Sweden. March 2008	Emerging Trends in Teacher Education	Guest Lecture
3.	Sahasrabuddhe, M.	Workshop for M.Phil and M.Ed. Students, at Ganapat University, Kherva	Management of Conflicts in Educational Organizations Conducting Action Researches successfully	Guest Lecturer Guest Lecturer

### Department of Psychology

1.	Sharma, R.	Nirmala Samaj Kendra, Feb 1, 2008	Nature of Mental Health and Application of CBT in Day to Day Problems	Extra Mural Lecture
----	------------	-----------------------------------	---	---------------------

## 7. CONTRIBUTION IN CONDUCTING PROFESSIONAL / ACADEMIC PROGRAMMES

Sr.No.	Name(S)	Programme(s), Place and Date (s)	Participated as
<b>Department of Education</b>			
1.	Kumar, S.	National Workshop on Research Methodology in Social Sciences, Association of Indian Universities, New Delhi, CASE, December 10 - 4, 2007	Co-ordinator
		National Seminar on Quality Improvement in School Education, CASE, The M. S. University of Baroda, Vadodara, January 18-19, 2008	Director
2.	Mehta Anjali	'Testing and Evaluation of Language Skills and their Development at Vasant Vidyalaya, Vadodara, April 4, 2007	Resource person
3.	Oza, D. J.	Personality Development Workshop – Swaminarayan Mandir, Atladara, Vadodara, April 20, 2007	Resource Person
		'Adolescence Education': In Pre-Induction Training Programme for newly recruited Secondary Teachers, by The commissioner, Tribal Welfare, Govt. of Gujarat at Adarsh Niwasi Shala, Vadodara, April 27, 2007	Resource Person

## The Maharaja Sayajirao University of Baroda

		Training for Personality Development for SC/ST Students appearing for UPSC test Employment Bureau, at IAS Study Centre, The M.S. University of Baroda, August 13-25, 2007	Resource Person
4.	Panigrahi, S. C.	National Seminar on Wholistic Teacher Education, CASE, The M. S. University of Baroda, Vadodara, February 25-26, 2008	Convener
5.	Patel, R. C.	Inter Faculty Debate Competition on behalf of Indian Association of Parliamentarians for Population and Development, New Delhi, October 19, 2007	Convener
		2 <sup>nd</sup> National Workshop on Research Methodology jointly organized by AIU, New Delhi and The M. S. University of Baroda, Vadodara, December 10-14, 2007	Co-ordinator
		Regional Workshop on 'Evolving Workable Strategies to Ban Corporal Punishment' jointly organized by NCERT, New Delhi and GCPE, Gandhinagar, 19-20 Feb., 2008	Resource Person
6.	Pathak, S. P.	Training Programme for MTs (to provide training inputs to newly recruited Vidyasahaayaks), District Institute of Education & Training, Karelibaug, Vadodara, May 10-11, 2007	Resource Person
		Workshop on Action Research, District Institute of Education & Training, Karelibaug, Vadodara, 29-08-07 and 02-11-07.	Resource Person
		Workshop on 'Preparation of Research Paper for National Children Science Congress', Gujarat Nature Conservation Society, Sindhrot, Vadodara, September 12, 2007	Resource Person
		State level Science Mathematics Exhibition, 2007, GCERT, Sector 12, Gandhinagar, November 26-20, 2007	Judge
		Review of Teachers' Handbook of Science Std. VI., Gujarat Prakashan, Ahmedabad, December 2, 2007	A Reviewer

### Department of Educational Administration

1.	Pradhan, N. J.	UGC- DRS National Seminar on Professional Development of Educational Administrator, Dept. of Educational Administration, The M. S. University of Baroda, March 12-13, 2008	Director
		UGC- DRS Workshop on 'Academic Supervision of Secondary School', Dept. of Educational Administration, The M. S. University of Baroda, March 7, 2008	Director
		UGC- DRS Workshop on 'School Intervention Programme for Secondary School', Dept. of Educational Administration, The M. S. University of Baroda, March 5, 2008	Director
2.	Sahasrabuddhe, M.	Workshop for Secondary School Principals, March 5, 2008	Organizer
		School Interventions for Quality People, March 7, 2008	Organizer
		Research Methods in Educational Management, March 18, 2008	Organizer
		Professional Development of Educational Administrators at Higher Education Level, March 2008	Organizer

**Department of Psychology**

- |    |               |   |                             |
|----|---------------|---|-----------------------------|
| 1. | Biswas, U. N. | Understanding Organisations in KIITS School of Rural Management, Bhubaneshwar, October 14 - November 4, 2007      | Visiting Faculty            |
|    |               | Impression Management and Interview Skills (IIM), Changa, Nadiad, November 28 –December 5, 2007                   | Resource Person             |
| 2. | Verma, A.     | International Seminar on Health Psychology, Dept. of Psychology, Dayalbagh University, Agra, February 21-23, 2008 | Chairperson in Two Sessions |

**8. PARTICIPATION IN ACADEMIC BODIES OF OTHER UNIVERSITIES**

Sr. No.	Name(S)	Academic Body of Universities / Institution and place	Participated as
<b>Department of Education</b>			
1.	Acharya, V. R.	Veer Narmad South Gujarat University Board of Studies : Educational Administration	Member
2.	Goel, D. R.	UGC SAP Advisory Committee, Department of Education, M.J.P. Rohilbhand University, Bareilly, (UP)	UGC Nominee
		Academic Council, Benasthali University, Benasthali, (Rajasthan)	UGC Nominee
3.	Kothari, R. G.	Board of Study in Education, Gujarat University, Ahmedabad	Nominated member
		Board of Study in Education, V.N.S.G. University, Surat	Nominated member
		Research and Recognition Committee in Board of Studies in Education North Maharashtra University, Jalgaon	Expert member
		Academic Advisory Committee, Academic Staff College, Rajkot	Nominated member
		Research and Recognition Committee, Saurashtra University, Rajkot	Expert member
		Board of Study in Education, Sarva Vidyalaya, University, Gandhinagar	Expert member
4.	Kumar, S.	National Council for Teacher Education, New Delhi	Member
		National University of Educational Planning and Administration, New Delhi	Member
5.	Oza, D. J.	VMC of Kendriya Vidyalaya No.1, Harni, Vadodara	Chair Person (VC's Nominee)
		P.G. Diploma in Research Methodology Board, Veer Narmad South Gujarat University, Surat	Member Board of Studies
		Advantage India (World Bank sponsored agency for training programme on Gender Sensitization and Disaster Management with Govt. of Gujarat)	Consultant to Evaluate the Project
6.	Patel, R. C.	6 <sup>th</sup> Joint Review Mission of SSA, MHRD, New Delhi	Member of Monitoring Institution
		Research Scrutiny Committee, Gujarat Council of Primary Educaiton, Gandhinagar	Member
		Grant-In-Aids Committee, Gujarat Council of Primary Education, Gandhinagar	Member

## The Maharaja Sayajirao University of Baroda

Project Approval Board, MHRD, New Delhi	Member
Appraisal Team for Annual Work Plan and Budget, EdCIL, New Delhi	Member

### 9. PERFORMANCE BY INDIVIDUAL/GROUP

Sr. No.	Name (s)	Place and Date	Nature of Performance
<b>Department of Education</b>			
1.	Kothari, R. G.	ST. Thomas College of Teacher Education: PALA (Kottayam) Kerala.	Member of NAAC peer team
2.	Patel, R. C. Awasthi, K., Ramachary A.	13 <sup>th</sup> All India Childrens' Aduio-Video Festival, Central Institute of Educational Technology, NCERT, New Delhi.	Our Film entitled 'Raman kaka ye Phari Pratignya Lidhi' was screened

### 10. STATE / NATIONAL / INTERNATIONAL AWARDS AND DISTINCTION OF ACADEMIC NATURE

Sr. No.	Name (s) of Recipient(s)	Description of Award	Contribution made by the Recipient
<b>Department of Education</b>			
1.	Chaudhari, P. M.	Award for Best Paper presented among the Non-school Teachers category in the International conference on Education for sustainable development organized by AIAER	Presented Paper titled 'Environmental knowledge and Environmental Attitude of Secondary School Students of Vadodara City'
2.	Kumar, S.	Life Time Education Achievement Award – 2007	Research and Development Activities in the Field of Education Particularly in Examination Reforms – Continuous Evaluation and Grading System. Identified Problems of SC and ST students in Professional Courses
3.	Kothari, R. G.	Certificate of Honour from Sardar Vallabhbhai Patel Institute of Leadership.  Ramanujan Award by All India Ramanujan Maths Club, Gujarat.	For High Recognition and Appreciation to Promote “Sardar Leadership – Culture – Lecture Series”  For Contribution in Quality Improvement in Mathematics
<b>Department of Educational Administration</b>			
1.	Pushpanadham, K.	Guest Scholarship for Advanced Research funded by Swedish Institute, Sweden, November, 2007 to April 2008  Visiting Professor at the Institute of International Education, Stockholm University, Sweden, May, 2007	Conducted a Research Project on Profession Preparation of Head Teachers : Perspectives and Practices in Sweden  Delivered guest lecturer for the staff and students of Faculty of Education

**Department of Psychology**

- |    |               |  |  |
|----|---------------|--|--|
| 1. | Biswas, U. N. | U K India Educational Research Initiative (UKIERI) collaborative delivery award, awarded by British Council, U K | Developing a collaborative short term certificate course on Mental Health Assessment |
|----|---------------|--|--|

**11. IMPORTANT EVENTS/ACTIVITIES OF THE FACULTY / UNIT**

Description of the Event	Date, Time & Place
<b>Department of Education</b>	
National Seminar on Wholistic Teacher Education	Feb. 25-26, 2008, CASE, Faculty of Education & Psychology
National Seminar on Quality Improvement in School Education	18, 19 <sup>th</sup> Jan., 2008, CASE, Faculty of Education & Psychology
Rural Community Science Centre, Dharampur, Educational Tour	29.12.2007, Dharampur
Lecture of Nihilleshwarnandji, Vivekanand Kendra	02.08.2008, 3.15p.m. Room No.27, Dept. of Education.
<b>Department of Educational Administration</b>	
Study Tour	15.3.2008, Ratan Mahal, Panchmahal, Gujarat

**13. ADDITIONAL FACILITIES CREATED IN TERMS OF**

**(A) NEW EQUIPMENT**

**Educational Administration**

- 3 computers purchased under SAP-III – UGC Project.
- 1 Laptop purchased under SAP-III – UGC project.

**14. DISTINGUISHED VISITORS AT DEPARTMENTS / FACULTY**

S.No.	Name with Full Address	Designation	Date(s) of Visit	Purpose
<b>Department of Educational Administration</b>				
1.	Prof. K. Krmaravela Faculty of Education, M.K. University, Madurai	Dean & Head,	18.03.2008	Advisory of SAP-UGC Project
2.	Prof. R.S. Khan Department of Education, Jamia Milia Islamia, New Delhi	Former NCTE, Vice-chairman	18.03.2008	Advisory of SAP-UGC Project
<b>Department of Psychology</b>				
1.	Dr. Parag Shah Psychiatrist, S.S.G. Hospital, Baroda	Psychiatrist	10-10-2007	To deliver Lecture
2.	Dr. Santosh Kumar Awasthi, Transpek Silox Industry Ltd., Baroda	Medical Officer	10-10-2007	To deliver Lecture

15. NEW PROGRAMMES FOR COMMUNITY OUTREACH AT DEPARTMENT/ FACULTY

**Department of Educational Administration**

1. Workshop for School Supervisors Dt. 05.03.2008.
2. Workshop for School Intervention programme for Quality Development Dt. 07.03.2008.

**Department of Psychology**

Aptitude Testing in the Schools of Baroda. Psychological assessment, counselling and psychotherapy for patients referred by hospital, schools and parents / relatives. Community consultation to schools of Baroda related to counselling services and organization development

---

## 6B. University Experimental School

### 1. ENGLISH MEDIUM

#### BACKGROUND

The University has provided endless support to English Medium since, June 2005 till date. During the current academic year 2007-08 Std.VI was introduced with the inclusion of required staff. Hence the English Medium has been successfully running from Std.I-VI, with the support of its administrative staff, principal, teachers, students and parents.

#### Total strength during the academic year 2007-08

Section	Boys	Girls	Total
Primary	116	53	169

#### Activities undertaken by the School during the Year

- Hand Writing Competition was held in Std.I and II to inculcate the importance of good and neat handwriting. The students with good hand writing were awarded with certificate.
- On the occasion of " Gauri Vrat " Mehendi Competition was held for Student from Std.IV-VI Nearly 45 student presented artistic designs and the winners were awarded with certificate.
- The Festival of Rakshabandhan conveys the true and pious relationship between a brother and a sister. All the students celebrated it with great enthusiasm and made Rakhi with various materials.
- The birthday of Lord – Krishna " Janamashtami" was celebrated with great pomp and joy
- A 'self –administration Day' was celebrated wherein nearly 60 students participated. They taught according to their talents and ability and administered the school efficiently and successfully.
- " Ganesh Chaturthi " and " Samvatsari " were celebrated in the school. A small skit on shri Ganesh was performed. Few students gave a speech on Samvatsari highlighting its importance.
- The festival of Nine nights – " Navratri " was celebrated with great vigour. This is the occasion of worshipping Goddess in the school premises. All the teachers and students participated with great enthusiasm.
- To welcome the new Hindu year, the festival of lights- Diwali was celebrated with Rangoli competition and Diwali-Card making competition.
- Self-defence methods were taught to the students by cartoon network. The students also enjoyed the plays by Disney Cartoon show.
- In order to improve the vocabulary of students and to inculcate the habit of reading nearly 25 students subscribed the daily Indian Express newspaper annually. They were provided with the newspaper twice a week.
- Drawing competitions and craft competitions were held by HDFC Bank and Pedaled colors in the school wherein the certificate and gifts were awarded to the winners.
- International Art and Craft competitions was held by pedilite.
- An exhibition of Navneet Books was held in the school.
- Inorder to increase the teaching efficiency of teachers a workshop and a seminar on teaching Aid Presentation was arranged.
- In order to update the Professional Training Needs of teachers, an Action Research was carried out by PDEM Student from the Department of Educational Administration wherein a questionnaire was provided to teacher to identify their training needs and then the required remedial classes conducted by the resource persons.
- Vedic maths workshop was conducted to train the student for mental maths.
- Debate competition was conducted for Std.IV, V and VI.
- Students appeared for Hindi Rashtrabhasha External Exam and the school succeeded to secure 89.74%.
- A Magic show held wherein the magician performed various tricks.
- 3rd Annual Sports day was held in the school premises.
- Fancy Dress competition with the theme of Martyrs of India was organized in the school.

## The Maharaja Sayajirao University of Baroda

- "Uttarayan" was celebrated in the school with kite flying programme and kite making competition.
- Summer workshop was arranged in the school wherein 15 students took part.
- One day school picnic was arranged to Vaishnav Devi, Amarnath, Swana Shrushti, Water Park near A'bad.
- Chotta Ustad : Dani Anjali R. of Std. VI Who participated in carrrom tournament at Gujarat level for sub- junior, acquired 4<sup>th</sup> position.

### 2. GUJARATI MEDIUM

Total strength during the academic year 2007-08

NO.	SECTION	BOYS	GIRLS	TOTAL
1.	Primary	214	124	338
2.	Secondary	105	069	174
3.	Higher Secondary	189	100	289
	Total	508	293	801

#### BOARD RESULT

NO.	RESULT	BOARD	SCHOOL
1.	Std. 10	70.65%	96.77%
2.	Std 12 Science	83.54%	91.78%
3.	Std 12 Commerce	89.31%	91.17%

"FIRST THREE RANKERS AT SCHOOL LEVEL IN BOARD EXAM."

"STD. 10"

NO.	NAME	Marks	Percentage
1.	Kotak Vinit P.	584/650	89.85%
2.	Bhatt Ustav P.	583/650	89.69%
2.	Desai Katha P.	583/650	89.69%
3.	Parmar Aeshal M.	580/650	89.23%

"STD. 12 Commerce"

NO.	NAME	Marks	Percentage
1.	Parmar Esha M.	578/700	82.57%
2.	Pithva Rinku B.	564/700	80.57%
3.	More Bhavesh A.	560/700	80.00%

"STD. 12 Science"

NO.	NAME	Marks	Percentage
1.	Shah Hardik C.	443/500	88.60%
2.	Sheth Rinal N.	416/500	83.20%
3.	Kothari Shweta N.	410/500	82.00%

### Activities undertaken by the School during the Year

- A felicitation programme was held for the students of std.VIII and IX who secured first three ranks in the Talent search organized by the Gujarat Secondary and Higher Secondary Education Board, Gandhinagar in Feb. 06. District Education Inspector Mr. Naishedh Makwana and Education Officer Mr. Mahesh Prajapati were present on this occasion. Miss. Megha Vasavda won the II<sup>nd</sup> Prize.
- 'Gurupurnima' means its a day of 'Vyaspuja' which was celebrated by inculcating the sense of respect for gurus in the students.
- On the eve of "Gauri Vrat" Mehndi competition was organised for std. 5 to 12.
- 'Chinmay Mission Vadodara' had organised a Geeta Chanting competition for the secondary section in which the three students of the school took part.
- "Prajaapati Brahmakumari Ishwariya Vishwa Vidhyalaya" had organised a 'Patriotic Song Competition' for primary section. 7 students participated in it.
- Independence Day was celebrated with great zeal and enthusiasm.
- Beyond all other relationships the most unselfish & pure relation is between Brother – Sister which is celebrated as 'Rakshabandhan'. All the students of std. 1 to 9 celebrated this festival.
- Dr. S. Radhakrishnan's birthday is celebrated as 'Teachers Day'. Here about 120 students of primary, secondary and higher secondary took part in it. Students of class XII look after the administration of the School very effectively and successfully on this day.
- Navratri was celebrated by organizing 'Garba' in the school premises in which all the students and teachers actively participated.
- Rangoli competition on the occasion of Deepavali, the festival of lights was organized. Students also made Dipawali cards.
- "Maths-Science Exhibition" was organized by GCERT Gandhinagar and State Education Minister Office Baroda, in which two students of the school participated
- Republic Day was celebrated with great zeal and enthusiasm.
- Annual Prize distribution ceremony was organized in the school in which awards for excellence in sports and academic were given.
- The International Earth Day was celebrated by participating in the rally organized by District Co-ordinator, Gujarat and Nature Conservation society, Vadodara. Master Chintan Bhatt of Std. 9 got prize for good slogan.
- Students enjoyed and learned a lot from the small plays enacted by the students of Faculty of Journalism and Education on topic like cricket match, Tata Nano, Marketing and religion
- 4<sup>th</sup> All Gujarat U. C. Mass Abacus and Mental Arithmetic Competition -2008 was held in Ahmedabad in which student of std. III Master Raturaj Dimal had participated in it.

### SPORTS

- Master Faiyaz Lalsa. of Std. VII won 2<sup>nd</sup> place for India in the "32 Dutch Open Karate-2008 – World Championship" organized at Netherland, Rotardam.
- Master Arun Sidhaye of Std. VI won the 3<sup>rd</sup> place in the 'National Malkamb Championship' organized at Goa.
- Miss. Pooja Agarwal was selected to play for State in the Kabaddi Competition held in 'Chotila'.
- Master Zalak Rana, Student of Std I participated in " Self Defence" and 'Sport –Karate' competition.
- Master Arun Sidheya of Std VI stood third in the ' Baroda District Yoga Competition.
- 6 Students of Higher Secondary participated in 'Yuva Ustav ' organized by District Sports Commissions Office Vadodara.

## The Maharaja Sayajirao University of Baroda

---

- Students of Std. IX participated in the 'Kabaddi Competition for under 19 Students' organised by Sayajigunj Zone and won a match.
- School participated in the 'Inter-School Cricket Tournament' organized by the Baroda Cricket Association and also in the 'Swami Vivekananda Hill shield Cricket Tournament'
- The school girls cricket team participated in the 'Under 19 Cricket Tournament For Girls' organized by the Baroda Cricket Association.
- School organized 'Annual Sports Day' in which various events like musical chair, flat-race, obstacle race, one legged race, lemon and spoon race was organized for the students of the primary section and 100 mt, 200 mt, 400 mt race long jump, high jump, kabbadi, musical chair, obstacle race, javelin throw, shot put etc were organized for the student of Secondary and High Secondary students.

### EXTERNAL EXAM

- Six students of class VIII and IX participated in the Cultural Test organized by the "Vivekanand Centre" Kanyakumari. Following three students were ranked 1<sup>st</sup>, 2<sup>nd</sup> and 3<sup>rd</sup>
  - 1) Miss Sheetal R. Sharma of std IX
  - 2) Master Nachiket N. Devdhar of std VIII.
  - 3) Master Darpit N. Gandhi of std VIII
- Forth students of the school participated in a written exam was organised by the "Gujarat State Drawing Academy" and all of them cleared the exam with flying colours.
- Students of class VIII ,IX and XI participated in the "I. T." theory competition organized by the "Aptech" – "Computer Education".
- An "English Efficiency Examination" was organised by "Shri Sadashiv Foundation" Sabarmati, Ahmedabad, in which on "Elementary Examination" and "Intermediate Examination" was held. Twentyeight students of std VIII and std IX participated.
- Twentyfour students of class VIII and IX appeared for "Talent Search Test" organised by the Gujarat Secondary & Higher Secondary Education Board.
- Eight Students of Std. V & Std. VII participated in the exam held by the "Gujarat Hindi Prachar Samiti" based on the life of Gandhiji.

### Drawing

- Late Mr. Moh. Hanif Munshi Memorial award, organised by the inter school drawing competition was awarded to Master Parth Amin of Std. VII who participated and won the 3<sup>rd</sup> Prize.
- Miss Darshini P. Rana of Std. V Participated and won the Gold Medal in the 'Prathima XI All India Youth and Child Art Exhibition – 2007' and the 'Kala Ratna' award in the 'Chitrakala – 3<sup>rd</sup> All India Youth And Child Art Exhibition – 2008'
- Miss Darshini P. Rana of Std. V won a 'Silver Medal' in the 'All India Child Art Competition' organised by 'Silpangan'.
- Master Jigar Jaiswal won the second grade in the drawing competition organised by the 'Faculty of Human Development and Family Science'

### EXCURSION

- A one day educational trip was organized for the students of std. VIII, IX and XI to Indroda Park and Science City.
- The primary students were taken to 'Swapna Srushti', Vaishnodevi for the trip.

### ESSAY – DEBATE – QUIZ

- Master Chintan Bhatt of Std. IX took part in "Vasant – Rajab Shield Elocution Competition" organised by 'Akhil Bharatiya Sevadal, Gujarat'.

- On the Occasion of Rakshabandhan school planned Elocution competition in which nearly 20 students took part.
- Vadodara city traffic police organized a Quiz competition to bring an awareness amongst the students of std VII & IX regarding traffic rules regulations in school premises. The students did extremely well in the competition and won a shield
- Indian postal Department had organized a 'Philately Quiz Competition' in which nearly 70 schools of Vadodara, Kheda and Dahod District participated. The school team won the first prize and also represented Vadodara at the State Level Competition held at Ahmedabad.
- Students of std. VIII & IX took part in different competitions organized by 'Vadodara Shehar (City) Secondary Teachers Association'.
- School organised an Elocution competition for the primary section among them 52 students from std III to VII took part.
- 'Karelibaug Bhagini Samaj' organized Elocution Competition in which Miss Ashwini Upasani of Std. VII took part and won the 3<sup>rd</sup> prize.  
Every year 'Sahiyar Woman's Association' organizes Essay competition and group discussion to develop the thinking power of the youth. This year also our students took part in this competition.
- Faculty of Human Development & Family Studies organized a Quiz competition and story writing competition. Students of primary section took part in it.
- Three students of primary section participated in the Essay competition organized by United way of Baroda.
- Two students of Std. IX participated and won the first prize in the Career week organized by the 'Madadneesh Niyamak Kacheri Assistant Recruitment Office
- Eco – Club Vadodara organized a Quiz competition for the students of S.V.S. 6 group in which 3 students of the school took part and won 3<sup>rd</sup> prize.

## 7. Faculty of Fine Arts

### 1. INTRODUCTION

The Faculty of Fine Arts is considered to be one of the foremost Institutions in the country and is recognized on global level. It has exchange program with some of the art schools in Europe, Institutions in Australia and USA have been negotiating similar programmes which will be implemented soon.

#### **DEPARTMENT OF APPLIED ARTS**

The Department of Applied Arts is the largest one in the Faculty where the training and education is imparted to the students by well qualified teachers. The students come from all corners of India. The Department tries to fulfill its dreams by exploring different possibilities/ options/ scopes and projects. The students passed out from the department are absorbed in Advertising Industry due to their strong skills and portfolios. Many of the students have been nominated and earned awards in international forums.

#### **DEPARTMENT OF ART HISTORY & AESTHETICS**

The Department of Art History & Aesthetics, an integral part of the Faculty of Fine Arts, is at par with other departments, offers specializations in the history of painting, sculpture, applied arts, printmaking and museology constituted according to the Maharaja Sayajirao University Act of 1949, which is based on the great sense of visualization. By engaging in critical Art History as a field of specialization, the department of Art History and Aesthetics has also taken the full advantage of its autonomy by providing specialization in art historical teaching and research. By now the department has established itself as an important centre for the study of Art History, Aesthetics, Art Criticism and Critical Theories of Art as well as a centre of extensive documentation. The collection of visual materials and other archival documents are utilized by the students, researchers and teachers.

The presently offered courses of BVA, MVA are based on the intention of enabling research and teaching oriented careers. Apart from the intensive curriculum design, which is reviewed periodically by recasting syllabus of the courses in the Board of Studies, the students are grounded in skills of writing, communication and personality development and also conducting and giving seminars and presentations. The courses are designed in a manner so that the students can undergo intensive research on a chosen topic, writing critically for academic discourses.

#### **DEPARTMENT OF GRAPHIC ARTS**

Since its beginning the department has gained a tremendous reputation of being a professional department of higher education & the development has played an important role in the contemporary Graphic Art scene worldwide. This department has one of the largest infrastructures in India and provides all the facilities for exploring the possibility of Graphic art as a creative means of expression. Our alumni are working ad freelance print makers, teaching in many art schools and art centers across the country & making twice marks in the field of contemporary Graphic Arts.

#### **DEPARTMENT OF MUSEOLOGY**

The Department of Museology has proved its existence since 1952 as pioneering Institution in museum studies program not only in India but also in Asia. It offers post gradate degree in Museology and specialized courses for 'in-service' museum professionals. It also offers admission for undertaking Ph.D. It publishes annual journal "Studies in Museology". This is the only Department in India, which publishes professional journal of its kind. The department also provides technical assistance to the upcoming small museums in India.

#### **DEPARTMENT OF PAINTING**

In the last 58 years of existence, the Department of Painting, has gained reputation of being one of the most important Institutions of higher education. The alumni of the Department have made definitive mark in the field of contemporary Art and remained in the fore-front of the art scene. Our mission has been to keep the Department in the avant-garde of art education in India by being open to new ideas and by giving maximum possible exposure to the students.

#### **DEPARTMENT OF SCULPTURE**

The Department of Sculpture is the foremost department in the country. It has retained its status since decades and the International level through various awards, exhibition, workshops organized in recent years which has enhanced it further. It is in the process of refurbishing its infrastructure to copeup the need of changing time.

### 2. BOARDS OF STUDIES

<b>Sr. No.</b>	<b>Name of the Board of Studies</b>
1.	Painting, Sculpture, Applied Arts, Graphic Arts, Art History and Aesthetics
2.	Museology

## 3. (B) RESEARCH PROJECTS CONTINUED FROM PREVIOUS YEAR

Sr. No.	Name (s)	Title	Date of Award	Funding Agency	Grants in Rupees
1.	ASHSS	New Art Historical Theories & History of Visual Art	1-4-2005 to 31-3-2010	UGC	41,00,000

## 4. (A) BOOKS &amp; EDITED VOLUMES PUBLISHED

Sr. No.	Author(s)/ Editor(s)	Title	Name of Publisher, Year & Place of Publication
<b>Department of Museology</b>			
1.	Shah, N. R.	Studies in Museology	Dept. of Museology, M.S. University of Baroda, Vol. 39 & 40, 2007, Vadodara

## (B) MONOGRAPHS

Sr. No.	Author(s)/ Editor(s)	Title	Name of Publisher, Year & Place of Publication
<b>Department of Art History &amp; Aesthetics</b>			
1.	Kushwaha, S. K.	"Voyage into historic past" on Jayant Parikh "Looking into the past; Ankit Patel's series of Narrative Drawings" in the exhibition titled Motavarachha by Ankit Patel	Sarjan Art Gallery, 2007, Vadodara Gallery Art & Soul, 2007, Mumbai

## (C) PUBLISHED ARTICLES /PAPERS IN JOURNAL(S) / EDITED VOLUMES

Sr. No.	Author(s)	Title	Name of Journal, Volume Number, Page Numbers, Month and Year
<b>Department of Art History &amp; Aesthetics</b>			
1.	Kushwaha, S. K.	Feudalism as a Contributory Factor in Medieval India : A Case Study of Nathdwara Painters Lineage Affiliations	Nirukta: A Journal of Art History and Aesthetics, pp. 63-73, 2007
2.	Shete, V. D.	Identical Expressions in Visual and Literacy Experience with Reference to Female Space	Ed. Ranjana Harish Redefining Feminisms. Rawat Publications, Jaipur, pp. 175-190, February, 2008
<b>Department of Painting</b>			
1.	Suresh, B. V.	Illustrations - "Three Fourth of Price, Bajji Bajji" by Khadeer Babu	Untold School Stories, Anveshi Research Centre for Women Studies, Hyderabad, 14 pages, September, 2007
2.	Roy, I.	Exhibition Catalogue Article for Mayur K. Gupta - "Sculptor Mayur Gupta"	Aicon Gallery Catalogue, AICON, Palo Alto, California, USA, pp. 2-3, March, 2008
<b>Department of Museology</b>			
1.	Jain, S.	SWOT : Preparing Grounds for Strategic Planning	Studies in Museology, Vol. XXXIX & XL, pp. 9-14, 2006 & 2007
2.	Shah, N. R.	Ethics in Conservation: Issues and Solutions	Studies in Museology, Vol. 39-40, pp. 23-26, 2006 & 2007

## The Maharaja Sayajirao University of Baroda

### 5. (A) PAPERS PRESENTED AT INTERNATIONAL SEMINAR/CONFERENCES

Sr. No.	Author(s)	Theme, Organizing Body, Place and Date of Seminar / Conference	Title of the Paper
<b>Department of Art History &amp; Aesthetics</b>			
1.	Shete, V. D.	The Impact of Vedas on the World, Shambhavi Vidyapith, Amroli, Surat, December 20-22, 2007	Old finds Support to Modern Ideas – with Reference to Chitra Shalas
<b>Department of Museology</b>			
1.	Jain, S.	Issues in Indian Museum Education: National perspectives, International Trends, National Museum Institute, United States Education Foundation in India, New Delhi . November 12-13, 2007	Education Myopia: Seven Misunderstandings about Museum Education

### (B) PAPERS PRESENTED AT NATIONAL / STATE LEVEL SEMINARS/CONFERENCES

Sr. No.	Author(s)	Theme, Organizing Body, Place and Date of Seminar / Conference	Title of the Paper
<b>Department of Applied Arts</b>			
1.	Gaekwad, M. A.	State level Seminar, ICFAI University, Vadodara, December 15, 2007	Faculty Development and Communication Skills
<b>Department of Art History &amp; Aesthetics</b>			
1.	Shete, V. D.	National Seminar on 'Ramayana', Yogi Ramasurat Kumar Research Foundation for Asian Culture and Chabdrasse Kharendra Saraswati Viswamahavidyalaya, Tiruvannamalai, June 4-6, 2007	Expression, Extracts Highlighting the Ramayana

### 6. TALKS OF ACADEMIC NATURE IN PROFESSIONAL PROGRAMMES

Sr. No.	Name(s)	Nature of Professional Programmes	Title	Participated as
<b>Department of Applied Arts</b>				
1.	Gaekwad, M. A.	Career Counseling at Navarachana School, Vadodara, January 5, 2008	Fine Arts as a Career Option	Resource Person
<b>Department of Museology</b>				
1.	Jain, S.	Short term course in Museology and Conservation, Allahabad Museum, Allahabad, December 22-23, 2007	Museum Publicity Museum Security Museum Architecture Museum Development	Invited Speaker
1.	Shah, N. R.	International Museum Day celebrated at Dabhoi by Archaeological Survey of India, Vadodara, 18 May, 2007	Role of Museums in Cultural Exchange	Presided over as Chief Guest

**7. CONTRIBUTION IN CONDUCTING PROFESSIONAL / ACADEMIC PROGRAMMES**

Sr. No.	Name (S)	Programme (s), Place and Date (s)	Participated as
<b>Department of Applied Arts</b>			
1.	Gaekwad, M. A.	Assessment Projects presented by about 20 PG students of Mass Communication and Journalism, The M.S. University of Baroda , October 4-5, 2007	External Expert
<b>Department of Painting</b>			
1.	Nair, S.	Australian National University, Canberra, Australia	Visiting Faculty

**8. PARTICIPATION IN ACADEMIC BODIES OF OTHER UNIVERSITIES**

Sr. No.	Name (s)	Academic body of Universities/ Institution and places	Participated as
<b>Department of Applied Arts</b>			
1.	Gaekwad, M. A.	Post Graduate Program in Communication Management and Entrepreneurship, Mudra Institute of Communication, Hyderabad	Mentor since 2007
<b>Department of Painting</b>			
1.	Roy, I.	Graduate Presentation, Industrial Design Center, IIT, Powai, Mumbai, March 24, 2008	Jury Member
<b>Department of Museology</b>			
1.	Jain, S.	Board of Studies in Museology, National Museum Institute, New Delhi, July 9, 2007	Expert
1.	Shah, N. R.	Board of Studies, M.A. Conservation, National Museum Institute, New Delhi, July 7, 2007	Member
		Advisory Committee, Sardar Vallabhbhai Patel Museum, Surat, August 16 - September 5, 2007	Member

**9. PERFORMANCE BY INDIVIDUAL/GROUP**

Sr. No.	Name (s)	Place and Date	Nature of Performance
<b>Department of Applied Arts</b>			
1.	Parikh, K. J.	Tales of Texture, Art Elements Gallery, New Delhi, 29 <sup>th</sup> October to 29 <sup>th</sup> November, 2007	Exhibition
<b>Department of Graphic Arts</b>			
1.	Bagodi, N. G.	13 <sup>th</sup> International Biennial of Print at Paris, November 21- December 9, 2007	Exhibition
2.	Darji, S. A.	Art Elements Art Gallery, New Delhi, September 19- October 19, 2007	Exhibition
		13 <sup>th</sup> International Biennial of Print at Paris, November 21- December 9, 2007	Exhibition
<b>Department of Painting</b>			
1.	Akkitham, V.	Ganges Art Gallery, Kolkata, 2007	Solo Show
		Nehru Center, Mumbai, December, 2007	Group Show

## The Maharaja Sayajirao University of Baroda

---

		Khushij Charity Auction, Mumbai, October 28, 2007	Group Show
2.	Suresh, B. V.	Mechanisms of Motion Curated by Marta Jakimowicz, Anant Art Gallery, Noida, February 8, 2008	Exhibition
3.	Nair, S.	Keep Drawing	Group Exhibition
		Virat Art Gallery, New Delhi	Solo Exhibition
		Tamarind Art Gallery, New York	Group Exhibition
		Gallery Espace, New Delhi	Group Show - Drawings
4.	Rabadia, J.	Mapping Baroda, Art Room Gallery, New Delhi, April, 2007	Exhibition
		Association of British Scholars Vadodara, April, 2007	Exhibition
		Medley of Hues - Red Earth Art Galleries Pvt. Ltd., Vadodara	Exhibition
		13 <sup>th</sup> International Biennial of Print at Paris, November 21 – December 9, 2007	Exhibition
		Ashraya Charity Art Auction, New Delhi, November, 2007	Exhibition
		New Delhi, May, 2007	Group Show
		Ahmedabad, September, 2007	Group Show
5.	Roy, I.	Recent Works – Pundole Art Gallery, Mumbai, February 25 – March 8, 2008	Solo Show of works on paper
		Celebrating India curated by Suneet Chopra, Chitrakala Parishad, Bangalore, April 26 - 30, 2007	Invited Group Exhibition
		Shifting Paradigm – Centre for International Modern Art, Lalit Kala Gallery, New Delhi, April 18-27, 2007	Invited Group Exhibition
		Keep Drawing - Pundole Art Gallery, Mumbai, October 8-14, 2007	Invited Group Exhibition
		Khushij Charity Auction - Nehru Science Centre, Mumbai, October 28, 2007	Group Show
6.	Suthar, A. H.	Gujarat State Lalit Kala Academy, Ahmedabad, March, 2008	Annual Exhibition
		Paintings, Faculty of Fine Arts, Vadodara, February, 2008	Solo Exhibition
		Blurring Senses, Nehru Centre, Mumbai, March, 2008	Exhibition
<b>Department of Sculpture</b>			
1.	Aqeel, A.	Jahangir Art Gallery, Mumbai, April 15 – 20, 2007	Group Exhibition
		Ceramics - Vanshavriksha, Faculty of Fine Arts, MSU, Baroda, April 3 – 5, 2007	Group Show
		Ceramics – Translocal, Visual Art Gallery, Ahmedabad, April 15-20, 2007	Group Show
2.	Rajbhandari, N.	International Bronze Sculpture Workshop, Uttarayan Art Foundation, Jaspur, Baroda, November 30 –December 20, 2007	Workshop
		Jahangir Art Gallery, April 15-20, 2007	Group Exhibition
		Ceramics - Vanshavriksha, Faculty of Fine Arts, MSU, Baroda, April 3 – 5, 2007	Group Show

**10. STATE / NATIONAL / INTERNATIONAL AWARDS AND DISTINCTION OF ACADEMIC NATURE**

Sr. No.	Name (s) of Recipient(s)	Description of Award	Contribution made by the Recipient
1.	Rayaprolu, V. R.	Erasmus Mundus of European Commission	Advancement of learning about a few leading museums in Europe and some contemporary practices of museum profession

**11. IMPORTANT EVENTS/ACTIVITIES OF THE FACULTY / UNIT**

Description of the Event	Date, Time & Place
<b>Department of Graphic Arts</b>	
National Print Making Workshop	20-01-08 to 04-3-08
<b>Department of Museology</b>	
Exhibition was set in white bungalow "Sayajirao Gaekwad III" on the occasion of convocation	28-09-07
<b>Department of Painting</b>	
Illustrated Talk by Peter Bensecker	27-11-07, Faculty Auditorium
Illustrated Talk by Benjamin Juhel	29-11-07, Faculty Auditorium
Illustrated Talk by Denyse Thomasos	18-01-08, Faculty Auditorium
Illustrated Talk by Kathryn Myers	21-01-08, Faculty Auditorium
Illustrated Talk by Margaret Lanzetta	23-01-08, Faculty Auditorium
Illustrated Talk by David Packer	24-01-08, Faculty Auditorium
Illustrated Talk by Sumakshi Singh	03-03-08, Faculty Auditorium
Illustrated Talk by Sudhir Patwardhan	15-03-08, Faculty Auditorium
<b>Department of Sculpture</b>	
Vamshavriksha – A departmental exhibition of sculpture at Jahangir Art Gallery, Bombay	15-04-07 to 20-04-07

**13. ADDITIONAL FACILITIES CREATED IN TERMS OF**

**(A) NEW EQUIPMENT**

**Department of Sculpture**

LCD Projector

Laptop Computers

**14. DISTINGUISHED VISITORS AT DEPARTMENTS / FACULTY**

Sr.No.	Name with Full Address	Designation	Date(s) of Visit	Purpose
<b>Department of Art History &amp; Aesthetics</b>				
1.	Mrs. Balamani M. Citizen Society, Subhanpura, Vadodara	Research Student	06-9-2007 to 12-10-2007	To deliver lectures on Story of Art, Tribal Folk and Popular Art, Greek to Renaissance, Prehistoric to Gothic Art
2.	Prof. Milind Malshe Professor, IDC-IIT, Powai, Mumbai	Professor	13-02-2008 to 21-02-2008	To deliver lectures on Western Aesthetics & Criticism

## The Maharaja Sayajirao University of Baroda

3.	Dr. Kenneth Robins USA	Research Fellow	28-01-2008	To deliver lectures on The Biography of Begum Samru of Sardhana based on Visual images  History of African elites in India based on Paintings of Architecture
4.	Dr. Anthony Korner Publisher of Art Forum UK	Director	31-01-2008	To deliver lectures on Art Forum Scenario & Movei on Helen - the queen
<b>Department of Graphic Arts</b>				
1.	Catherine Beboot, Department of Printmaking, Mont Clare University, USA	Professor & Head	06-02-08 to 05-03-08	Visit as a Fulbright Scholar
<b>Department of Museology</b>				
1.	Dr. Stephen Inghish Canadian Museum of Civilization, Hull, Canada	Director General,	10-01-08	To interact with staff and students

### 16. ACHIEVEMENTS/HONOURS/AWARDS

#### (A) TEACHING STAFF

Sr.No.	Name	State/National/International	Nature of Achievement
<b>Department of Sculpture</b>			
1.	Rajbhandari, N., Soumitra, G.& Burman, B.	International	Participation Bronze Sculpture Workshop by Utrayan Art Foundation, Jaspur, Baroda
2.	Rajbhandari, N., Aqeel, A., Soumitra, G., Burman, B. & Kanwal, A.	National	A department exhibition of sculpture, Jahangir Art Gallery, Bombay
3.	Kanwal, A. & Rajwar, S.	National	Mini sculpture, Group Exhibition, Faculty Gallery
4.	Aqeel, A.	National	Translocal, Group Exhibition, Faculty Gallery

#### (C) STUDENTS

Sr.No.	Name	State/National/International	Nature of Achievement
<b>Department of Graphic arts</b>			
1.	Sajeev	International	Award Residency
2.	Preeti Agrawal	National	Award
3.	Kurmanathan	National	Scholarship
4.	Dimpal Panchal	National	Scholarship
5.	Susanto	State	Award
<b>Department of Painting</b>			
1.	Shivani Bhalla	National	Scholarship
2.	Hareesh Dhropal	National	Scholarship
3.	Pankaj Vishwakarma	National	Scholarship

4.	Shrimanti Saha	National	Scholarship
5.	Vivek Anand	National	Scholarship
6.	Yamini Sharma	National	Fellowship
7.	Sashikant Thavndo	University	Scholarship
8.	Kamlesh Pandya & Preksha Tater	University	Award
9.	Manali Shroff	State	Award
10.	Shreyas Karle & Samnjtal Baruah	University	Scholarship

### **Department of Sculpture**

1.	Sandeep P.	International	Residency Award
2.	Hardik K.	National	Scholarship
3.	Deepjyoti K.	State	Award
4.	Jashrren Singh	State	Award

---

## 8. Faculty of Family and Community Sciences

### 1. INTRODUCTION

The faculty was established in 1950, as front runner in Women's Education. More than six decades of endeavour and innovation, it has evolved its self into a premier institution for meeting the needs of the contemporary families and societies. These and other considerations such as changing scenario and inter disciplinary field of studies have resulted in changing the name of the faculty. The name Family and Community Sciences has been changed from the old name Home Science in the senate meeting held on March 31<sup>st</sup> 2007.

#### **Rationale for Justification of Change of Nomenclature of Faculty of Home Science to Faculty of Family and Community Sciences**

The proposed change in nomenclature has taken a very long time and is the result of a great deal of soul searching at different levels. The Home Science Association of India (HSAI) went through the rigorous process of opinion seeking and deliberations prior to arriving at the consensus of the name "Family and Community Sciences". The identity debate also has to be viewed in terms of changing global scenario, knowledge revolution and rapid movement towards inter disciplinary field of studies, super specialization and expanding job opportunities for the various degree and diploma holders.

In the name Family and Community Sciences, the plural sciences denote inclusion of both physical and social sciences. During the process of developing the UGC model curriculum, the curriculum development committee (CDC) of UGC also endorsed the change in nomenclature as suggested by HSAI. As the faculty has adopted the model curriculum, it becomes necessary for the faculty to also adopt the nomenclature suggested by the UGC and the HSAI. The word home has no professional and academic connotation in India. To elevate the academic status of home science the name change is a good start. The discipline has since long incorporated community approach.

The name change has been necessitated because our area of study has already moved away, far beyond the confines of the home. We have moved along with science and technology into the world of industry. We have accepted modern principles of management and applied them not only to manage our homes but also institutions and community settings where we work.

Our faculty is a premier faculty in the country. It is visible in many national and international forums. We wish to hear parents saying that the education their wards receive at the faculty has made a difference in their own lives and the lives of their families and the larger community. We also would like to see many young men entering the portals of our faculty to take up courses for which there is a demand in the market. The suggested nomenclature is definitely more expressive and more appealing to laymen as well as academicians which will offer us increased visibility in the professional sphere.

The faculty boasts of five full fledged departments namely Clothing and Textiles Extension and Communication, Foods and Nutrition, Home Management, Human Development and Family Studies. That offer degree programme from undergraduate upto Ph.D. Level. In addition there is a general Home Science Programme as well as diplomas and Vocational Courses across departments.

The major objectives of the faculty are to provide a training ground in various disciplines, so as to create a cadre of professionals to occupy key position in the corporate world, and in non-government organizations, via need based training and practical experience.

#### **Unique Features.**

- Learning for Life
- Interface of theory, research and practice
- Allround development of students.
- Striving for a better and healthier society
- Working towards a good quality of life across the human life span.

#### **DEPARTMENT OF CLOTHING & TEXTILES**

The Department has aimed to equip students with necessary proficiencies for wide variety of careers by integrating theoretical and practical instructional methods. The curriculum has been modified over the years to keep pace with the changing times.

## Faculty of Family and Community Sciences

---

The department is sensitive to growing needs of institutes of higher education, Industry and export market. It is striving its best to meet the challenge by providing professionally trained individuals who display an effective combination of technical know-how, a flair for design and innovation and a clear understanding of various concepts of Textiles, Clothing and Fashion. The department is also sensitive towards the growing needs of research in areas related to Textiles and Fashion Designing, Historic Costumes and Textiles, Garment Production, Natural Dyes, Minor Fibers, Finishes, Weaving, Printing, Consumers and Industries related studies etc. Thus the department has strong linkages with Government and Non-Government organizations as an integral part of its curriculum. This has paved better career opportunities for both the under graduate and post graduate students.

### **DEPARTMENT OF EXTENSION AND COMMUNICATION**

With the change in the nomenclature of the Faculty from Faculty of Home Science to "Faculty of Family and Community Sciences" the nomenclature of the Department is also changed, now onwards it will be known as "Department of Extension and Communication" instead of "Department of Home Science Extension and Communication".

Under its Urban Outreach programs, like every year Non-Formal and Adult Education programs were conducted with adolescents, children and women from different slum areas focusing on Disaster Management, Environment, Literacy, Health and Hygiene and Reproductive Health and prevention of tobacco chewing.

An open house in Adult and NFE laboratory 'Pragati' was organized as "Showcase 2008". It focused on the outreach program of the Department under its Urban Extension component. The major thrust areas covered were Reproductive Health, Reducing Tobacco Consumption, Moral Values for children and Personal Health and Hygiene. "Showcase 2008" included slideshow of Urban extension, exhibition of educational games for building awareness about Reproductive Health Education, moral values, Personal health hygiene and display of IEC material used in extension / outreach programs.

Extension Work in the Rural areas focused on formation of Self Help Groups in the village of Sonarkui, Vadodara. Three Self Help Groups consisting of around 36 women were made and handed over to the DRDA of Vadodara for further action program. For field work in rural areas, Department collaborated with DRDA ( District Rural Development Agency) and engaged in various activities on the development related issues like Surveying of Below Poverty Line families as well as documenting Success stories of Self Help Groups from selected villages of Vadodara Taluka and Designing of IEC materials on Environment and Sanitation

A Calendar for the year 2008, was designed in a novel and unique way by the group of Master students of the department, focusing on Millenium Development Goals. At Master's level students were also involved in designing Madhyam as well as Alumni Association Newsletter of the department.

A Website was launched on 17<sup>th</sup> September, 2007 for elderly citizens of Baroda city called as "Second Innings" by the master student of the department. The objective behind launching this website is to contribute towards developing healthy ageing society by developing a network between employers and employees.

This year department also organized various major events like National Seminar on "Recent Trends in Development Communication: workshop on "Innovative teaching methods and materials" for primary school teachers of Vadodara District, an exhibition on the theme of "Changing Communication Technologies", and Faculty level Campaign on "Environment Cleanliness".

### **DEPARTMENT OF FOOD AND NUTRITION**

Since 1950 (Year of inception of this Department), there was a phenomenal growth from undergraduate to postgraduate level. Various research approaches through past six decades have led to the contributions for outstanding Ph. D. Programmes. Besides being a premier Institution the department has also been receiving grants under special assistance programme (UGC – DSA PROGRAMME). The department is enjoying the status as "Institution of excellence" – for training programs in Maternal & Child Health by Ministry of Health & Family Welfare, Government of India. The Department is a collaborating center for Nutrition research for WHO, & is a member of South East Asian Network for research in Nutrition since past two decades, with current focus on Non Communicable Diseases. Major thrust research areas being pursued in the Department are Public Health Nutrition, Dietetics, Food Science & Quality Control.

In 2007 the Department received a generous grant worth Rs. 50 lakhs in two phases. Infrastructure Grant I from UGC : Rs. 20 lakhs - was used mainly for face lifting of the Department. The grant was utilised for electrification and civil works majorly. Equipments required for Institution Management Lab was also purchased. Infrastructure Grant II

## The Maharaja Sayajirao University of Baroda

---

from UGC : Rs. 30 Lakhs – This grant was majorly used for procuring lab equipments for the UG & PG labs, computers for Department, DLP Laptop was purchasing for the multimedia lab.

Ten fellowships to meritorious doctoral students from UGC – Ten students have joined for Ph.D. programs in the years 2007 – 2008 under various nutrition programs.

### **DEPARTMENT OF HUMAN DEVELOPMENT AND FAMILY STUDIES**

The Department of Human Development and Family Studies is one of India's pioneering departments in this field. Over the past five decades, department has received Special assistance from University Grants Commission (UGC) for strengthening its teaching, research and community outreach through active involvement in intervention programs and policy planning related to individuals and families. In addition, UGC has recognized the department as a Centre for Advanced Study (CAS) which gave further impetus to all its activities and programs. The grant received under this head facilitated in upgrading the infrastructure facilities and overall advancement of the discipline.

### **DEPARTMENT OF HOME MANAGEMENT**

The Department of Home Management offers a curricula at UG level with two specializations i.e. Interior Design and Hospitality Management. At PG Level the specialization comprises of Interior Design & Resource Management and Family Economics. The distinguished feature of the Department is the Internship offered to under graduate & post graduate students for the two vocationalized curricula i.e. Hospitality Management (at UG level only) and Interior Design. During the internship the students were prepared and trained for the typical work environment & thus developed the needed skills & competencies required for the relevant profession. Many of the students were offered job opportunities immediately after the completion of their internship. The Department also invited one of the reputed institutions for campus interview this year.

The Department had organized a National level Seminar sponsored by UGC on "Sustainable Development and Responsibilities: Strengthening interface between household, Industry, government and NGO's". The Department invited eminent speakers from related fields. There were 70 participants from all over India. Community outreach programme was organized by the Department by way of extending its expertise in improving the quality of life of individuals & home maker through awareness programmes & lectures hosted at ABB Industries, Community Science Centre, NGO's of Baroda City. The Department has also taken the crucial responsibility to provide "Environment Education" to the University students through various courses related to Ecology and Environment at UG, PG & Doctoral level.

### **WOMEN'S STUDIES RESEARCH CENTRE**

The Women's Studies Research Centre (WSRC), set up in 1990, is the first UGC-supported centre in the state of Gujarat. It conducts research, training and advocacy in the area of women's studies. It also offers a postgraduate certificate course in Women's Studies for research scholars and teaching faculty. The Centre has a rich documentation centre with holdings of more than 3600 books, 1000 reports, 1000 bound volumes of Journals, dossiers and news clippings. The documentation centre is used by local researchers as well as scholars from outside the state and abroad.

In the year 2007-08 WSRC coordinated a gender sensitization programme for police personnel of Vadodara police stations in collaboration with the Faculties of Social Work, Law, Psychology and Family and Community Studies and select NGOs of Vadodara. The programme was spread over a week from March 31 to April 7, 2007. A Seminar was held in Police Bhavan highlighting the problems women face when they go to file an FIR by enacting small skits and information about the Domestic Violence Act 2005, followed by actual demonstrations to police personnel by NGO's in the various police stations. On the last day a seminar was held in Gandhinagar Gruh to educate women about the laws available for their rights.

In another first of its kind WSRC organized a two day workshop for capacity building of Women Sarpanches of Vadodara and Padra Taluka on May 28 and 29, 2007. This workshop was inaugurated by Shrimati Sejalben Thakkar. It was attended by 13 Sarpanches of different villages. Resource persons came down from the 'Mahila Swaraj Abhiyan' of Ahmedabad.

The Certificate Course (6 weeks) in Women's Studies for students of all departments of the University was held from August 6 to September 13, 2007.

2. **BOARDS OF STUDIES**

Sr. No.	Name of the Board of Studies
1.	Clothing and Textile
2.	Foods and Nutrition
3.	Home Management
4.	Extension & Communication
5.	Human Development & Family Studies

3. **(A) RESEARCH PROJECTS AWARDED BY OUTSIDE FUNDING AGENCY**

Sr. No.	Name (s)	Title	Funding Agency	Grants in Rupees
<b>Department of Human Development and Family Studies</b>				
1.	Chaudhary, S., Mehta, B.	Life Skill programme for adolescents in low income context	Tribal sub plan, Bharuch, Gujarat Government	2,25,400
2.	Kapadia, S.	The Cultural Context of Social Support Exchange: Cross-Cultural Project with Partners from U.S., Japan and India.	National Science Foundation, USA	3,03,652
3.	Kapadia, S., Bhangaokar, R.	"Social-Moral Development in the Indian Context: A Cultural Analysis using the "Big Three" Ethics (Autonomy, Community and Divinity) Framework".	Indian Council of Social Science Research (ICSSR), New Delhi	3,42,425
4.	Mohite, P.	Integrated Early Care and Development: An Intervention in tribal blocks of Valsad District (2007)	UNICEF, Gandhinagar.	Approx. 9,00,000
		Conceptualization of Early Childhood Education in Urban, Rural and Tribal Areas of Gujarat : Search for an Indigenous Model,(2007)	ERIC, NCERT, New Delhi	

**(B) RESEARCH PROJECTS CONTINUED FROM PREVIOUS YEAR**

Sr. No.	Name (s)	Title	Date of Award	Funding Agency	Grants in Rupees
<b>Department of Extension and Communication</b>					
1.	Joshi, U.G., Pandya, R.M., Mathu, A.A.	An experiment on effectiveness of folk media and selected methods of awareness creation for promotion of communal harmony in the city of Baroda	April 2006 – June 2007	National Foundation for Communal Harmony	1,94,000
		An experiment on effectiveness of folk media and selected methods of awareness creation for promotion of communal harmony in the city of Baroda	November 2006 – August 2007	Bank of Baroda Endowment Fund, Adult Education Centre, M.S.U., Baroda	50,000
<b>Department of Foods and Nutrition</b>					
1.	Sheth, M. K., Jaju, N.	Capacity Building Project of the Government of India on Street Food Survey	2007-2008	Ministry of Health and Family Welfare	9,32,000

# The Maharaja Sayajirao University of Baroda

## Department of Human Development and Family Studies

1.	Kapadia, S., Chaudhary, S., Mehta, B.	A life skills intervention programme for adolescents from the low income context	September 2006- August 2007	Faculty of Continuing and Adult Education, The M.S.University of Baroda, Vadodara	50,000
2.	Shastri, J., Bhargava, S.	Parent education program in Chetan Balwadi and Community setting	September 2006- August 2007	Faculty of Continuing and Adult Education, The M.S.University of Baroda, Vadodara	49,200
3.	Mohite, P.	A comparison of early childhood thought and practice in India, South Africa and Canada	(2004 onwards)	Concordia University, Canada	Approx. 8,00,000

## Women's Studies Research Centre

1.	Kapadia, S.	Process ocumentation of HIV Prevention among Young People and Children	January, 2007	UNICEF	6,00,300
----	-------------	--	---------------	--------	----------

## 4. (A) BOOKS & EDITED VOLUMES PUBLISHED

Sr. No.	Author(s)/ Editor(s)	Title	Name of Publisher, Year and Place of Publication
---------	----------------------	-------	--

### Department of Extension and Communication

1.	Joshi, U. G., Maniar, A. T.	The Elderly and Television Viewing	Authors Press, 2007, New Delhi
2.	Pandya, R. M., Mathu, A. A.	A Profile of Successful Action Projects	Aakash Graphics, 2007, Ahmedabad
3.	Pandya, R. M.	Women In India Issues Perspectives And Solutions Women In Changing In India	New Century Publications, 2007, New Delhi Serials Publication, 2008, New Delhi

### Department of Foods and Nutrition

1	Iyer, U. M., Dhruv S. A., Mani I. U.	Spirulina and its Therapeutic Implications as a Food Product"	'Spirulina in Human Nutrition and Health'. Edited by M.E. Gershwin and Amha Belay Published by CRC Press, A Taylor and Francis Group, pp. 51-70, 2007, USA
2	Mani, U. V., Iyer, U. M., Dhruv, S. A., Mani, I. U., Sharma, K. S.	Therapeutic Utility of Spirulina	'Spirulina in Human Nutrition and Health'. Edited by M.E. Gershwin and Amha Belay Published by CRC Press, A Taylor and Mani, Francis Group, pp 71-100, 2007, USA
3	Sheth, M., Sukul, S.	Project Report – II on Capacity Building Project for Street Food vendors of Ministry of Health and Family Welfare	Ministry of Health and Family Welfare, Government of India, July 2007, New Delhi
4	Nambiar, V.	Aahar-Poshan Ane Swasthya Prashikshan (Margdarshak siddhanto)"	Anada Publishers, "Granthasetu" Ahmedabad, pp. 1-92, January 2008
5	Nambiar, V., Gandhi, N., Nithya, S.	Training Manual for Mid Day Meal (MDM) functionary of Govt. of Gujarat	Education Department Govt. of Gujarat and Department of Foods and Nutrition, M S University, 2007, Gujarat

### Department of Home Management

1.	Gandoira, V., Jaiswal, N.	Work in Home	Dominant Publishers and Distributors, 2008, New Delhi
----	------------------------------	--------------	---

**Women's Studies Research Centre**

- |    |                           |  |   |
|----|---------------------------|--|---|
| 1. | Mohite, P.,<br>Sharma, D. | Teachers Perceptions of Values Education for Children in Critical Perspectives on Values Education in Asia | Prentice Hall, Pearson Education South Asia Pvt Ltd., 2007, Singapore |
|----|---------------------------|--|---|

**(B) MONOGRAPH**

Sr. No.	Author(s) Editor(s)	Title	Name of Publisher, Year and Place of Publication
---------	------------------------	-------	---

**Department of Foods and Nutrition**

- |    |   |  |  |
|----|---|--|--|
| 1. | Mani, U. V.,<br>Mani, I., Iyer, U.,<br>Dhruv, S.,<br>Gandhi, H.,<br>Venugopal, S. | Childhood Obesity a Cause of Concern: Baroda Experience  | A Monograph published by the Department of Foods and Nutrition, Scientific Report Series No. 6, UGC DSA Program, 2008, The M. S. University Press, Vadodara  |
| 2. | Sharma, K.,<br>Iyer, U., Dhruv, S.  | Assessment of Nutritional Status   | A Monograph published by the Department of Foods and Nutrition, Scientific Report Series No. 11, UGC DSA Program, 2008, The M. S. University Press, Vadodara   |
| 3. | Mani, U.V.,<br>Iyer, U.,<br>Sharma, K.,<br>Mehan, M.,<br>Gandhi, H.               | Role of diet in the prevention and control of non communicable diseases (FN-ICMR-WHO workshop report)  | A Monograph published by the Department of Foods and Nutrition, Scientific Report Series No. 7, UGC DSA Program, 2008, The M. S. University Press, Vadodara  |
| 4. | Tuteja S K.,<br>Mani UV., Iyer U.,<br>Sharma K.                                   | Therapeutic Food Products  | Department of Foods and Nutrition, 2008<br>A Monograph published by the Department of Foods and Nutrition, Scientific Report Series No. 9, UGC DSA Program, 2008, The M. S. University Press, Vadodara |
| 5. | Sheth, M. K.,<br>Parnami, S A.,<br>Vaidya, R. H.                                  | Role of Probiotics in Health and Diseases  | UGC/DSA, 2008, The M. S. University Press, Vadodara  |
| 6. | Kanani, S.  | Integration of Qualitative and Quantative research for program Design, Implementation and Evaluation for Nutrition Health Promotion : Example from India | A Monograph published by the Department of Foods and Nutrition, Scientific Report Series No. 1-4, UGC DSA Program, 2008, The M. S. University Press, Vadodara  |
| 7. | Kanani, S.,<br>Katwala, P.,<br>Marathe, D.  | How Gender Sensitive Are Nutrition – Health Programs for Women 'A Research Study'  | WOHTRAC/ WSRC, 2007,<br>The M. S. University Press, Vadodara   |

**(C) PUBLISHED ARTICLES / PAPERS IN JOURNAL(S) / EDITED VOLUMES**

Sr. No.	Author(s)	Title	Name of Journal, Volume Number, Page Number, Month & Year
---------	-----------	-------	--

**Department of Clothing & Textiles**

- |    |                              |   |   |
|----|------------------------------|---|---|
| 1. | Karolia, A.,<br>Mendpara, S. | Imparting Antimicrobial and Fragrance Finish on Cotton Using Chitosan and Silicon Softner | Indian Journal of Fiber and Textile Research, Vol. 32, pp. 99 to 107, March – April, 2007 |
|----|------------------------------|---|---|

## The Maharaja Sayajirao University of Baroda

2. Karolia, A.,  
Patel, F. Dyeing of Cotton Fabric with Katha and Ravenchi Wood, *Herbal Technologies* Herbal Technologies: Recent Trends and Progress, M. Daniel, Arun Arya and Vinay M Raole, Scientific Pub.(Book) Jodhpur, pp. 119-124, 2007
3. Karolia, A.  
Buch, H. Ajrakh the Resist Printed Fabric of Gujarat *Indian Journal of Traditional Knowledge*, Vol.7(1), pp. 93-97, January 2008
4. Karolia, A.,  
Gandhi, R. Leather Composite Garments for Export Market *The Textile Industry and Trade Journal*, Vol. 46, No. 1-2, pp. 13-23, January – February 2008
5. Sharan, M. Study of Aritha and Shikakai to be used as Eco-frendly Laundry Reagent *Bioscience Reporter* Vol. 5 (2), No.5-6, pp. 619 – 622, 2007

### Department of Extension and Communication

1. Maniar, A. T.,  
Joshi, U. G. Television Viewing Behaviour of Elderly *Journal of Communication Studies*, Vol.XXV -2, April 2007
2. Maniar, A. T.,  
Bhatt, D. Designing Educational CD-ROM for Higher Education Studies *University News*, Vol. 45, No. 20, pp. 15-18, May 14-20, 2007
3. Maniar, A.T. Mature Audience *Communication Today*, pp. 20-33, July – September 2007
4. Pahad, A.H.,  
Sodhi, S. Development of Educational CD ROM for Higher Education *Journal of Communication Studies*, Vol.XXV -1, December 2007  
*Journal of Indian Media Studies*, Vol. 1, No. 2, pp. 33-54 December 2007
5. Pandya, R.M.,  
Saini, C. Relation of Religion with Education *Journal of Education Teacher Today*, A Journal of Education Vol. 49, pp. 20-36, January-June 2007  
  
Sex Education in School and Colleges *Social Welfare*, Vol. 54, No. 10, pp. 23 - 28, January, 2008  
  
*The Asian Journal of Psychology and Education*, Vol. 40, pp. 9-19, June 2007
6. Pandya, R. M. Lifelong Education : Recreation in Old Age Home *Indian Journal of Adult Education*, vol 68, no 3-4, pp. 3 - 16, July – December 2007  
  
Using Games as Teaching Tool with Differently Abled Children *Journal of Indian Psychology*, Vol. 25, No. 1-2, pp. 46-58, January - July 2007  
  
*New Frontiers in Education International Journal of Education*, Vol. 40, No. 4, pp. 355-362, October-December 2007  
  
Building strategic alliance to promote consumer education in the era of globalization *Talwar S. (Ed.) (2007) WTO and Indian Economic Reforms*, Serials Publication, New Delhi, pp. 120-131
7. Pandya, R. M.,  
Solanki, M. Joyful learning : Experiment with educational games *Journal of Communication Studies*, Vol.XXV, pp. 66-75, December 2007  
  
*Research Hunt – An International Multi disciplinary Journal* Vol. 3, Issue 1, pp. 75-89, January - February 2008
8. Pandya, R. M.,  
Sidhpura, M. Development role played by NGO's in Baroda – A survey report *Talwar S. (Ed.) (2007) WTO and Indian Economic Reforms*, Serials Publication, New Delhi, pp. 289-313, 2007

- |     |                                 |  |  |
|-----|---------------------------------|--|--|
| 9.  | Pandya, R. M.,<br>Parikh, V. B. | Women empowerment through education                                | Pandya R.M. (Ed.) (2007) Women in India – Issues, Perspectives and Solutions, pp. 310-323, June 2007 |
| 10. | Parikh, V. B.,<br>Shah, T.      | Waste management through vermiculture                              | Journal of Vikas Vani, Vol. 1, pp. 35-49, October - December 2007                                    |
| 11. | Parikh, V. B.,<br>Saluja, D. S. | Higher education society and state                                 | University News, Vol. 45, No. 19, pp. 10-13, May 7-13, 2007  |
| 12. | Parikh, V. B.,<br>Pahad, A. H.  | Catering reproductive health needs of adolescents                  | Kakatiya University, Warangal Vol. 5, pp. 1-10, May - September 2007                                 |
| 13. | Parikh, V. B.                   | Treatment seeking behavior of women in the urban slums of Vadodara | Pandya R.M. (Ed.) (2007) Women in India – Issues, Respective solutions, pp. 178-187, June 2007       |

**Department of Foods and Nutrition**

- |    |  |  |  |
|----|--|--|--|
| 1. | Mehta, P.,<br>Chauhan, K.,<br>Chayanika Devi | Study on food preferences and taste sensitivity of local elderly women residing in Baroda city and evaluation of selected food items for geriatric group | Indian Journal of Gerontology, Vol.21, No.1, pp. 20-29, 2007                                     |
| 2. | Mehan M.,<br>Kantharia N. B.,<br>Surabhi, S. | Risk factor profile of noncommunicable diseases in an industrial productive (25-59 years) population of Baroda   | International Journal of Diabetes in Developing Countries, Vol. 27, Issue : 4, pp. 116-121, 2007 |
| 3. | Sheth, M.,<br>Dwivedi, R.                    | Precautionary measures for farmers for safe use of pesticides  | Indian Farmers' Digest, pp. 41-42, June 2007   |
| 4. | Sheth, M.,<br>Dwivedi, R.                    | Ways for reducing field worker exposure during pesticide use   | Agriculture Update, vol 2, No 3, pp. 72, August 2007   |
| 5. | Sheth, M.,<br>Arora, S,<br>Parnami, S.       | Food safety education through change agents to reduce diarrhoeal morbidities in young children 6 month- 3 years of age residing in Urban slum of baroda  | Asian Journal of Home Science, vol 2, pp. 6-10, 2007   |
| 6. | Sheth, M.,<br>Parnami, S.,<br>Bhumra, S      | Consumption pattern of prebiotic and probiotic foods and determining the gut health of young adults females(18-25yrs)                                    | Asian Journal of Home Science, vol 2, No. 122, pp. 20-24, 2007                                   |
| 7. | Sheth, M.,<br>Sukul, S., Patel, R.           | Effectiveness of food safety education to canteen staff in University boys hostel  | Asian Journal of Home Science, vol 2, No. 122, pp. 28-33, 2007                                   |
| 8. | Sheth, M.,<br>Sukul, S.                      | Impact of food safety education on knowledge and practices of canteen staff of a university girl's hostel  | The Indian Journal of Nutrition and Dietetics, Vol. 44, pp. 582-589, December 2007               |
| 9. | Nambiar, V.S,<br>Sesahdri, S.                | Selected nutrients and non-nutrients in seventeen common and uncommon green leafy vegetables of western India"   | Journal of Indian Dietetic Association, Vol. 32, No.1, pp. 22-30, 2007                           |

**Department of Human Development and Family Studies**

- |    |                                 |  |  |
|----|---------------------------------|--|--|
| 1. | Bhargava, S.                    | Empowering mothers of disabled children                                  | Women in India: Issues, Perspectives and Solutions (Ed.), pp. 136-153, June, 2007            |
| 2. | Chaudhary, S.,<br>Shetty, M. P. | Parenting adolescents: Perceptions of parents                            | The International Journal of Interdisciplinary Social Sciences, Vol. (2)4, pp. 233-244, 2007 |
| 3. | Laddu, N.,<br>Kapadia, S.       | Children's judgments of parental fairness: An Indian perspective.        | International Education Journal, Vol. 8(1), pp. 244-253, 2007                                |
| 4. | Mehra, M.,<br>Chaudhary, S.     | Perceived stressors among adolescents: A study from lower income context | Social Science Gazetteer, Vol. (3)1, pp. 67-80, January-June, 2008                           |

## The Maharaja Sayajirao University of Baroda

- |    |                               |  |  |
|----|-------------------------------|--|--|
| 5. | Sharma, D.,<br>Mohite, P.     | Teachers' perceptions of values education for children. In Tan, C and Chong, K.C. (Ed.), Critical perspectives on values education in Asia (pp. 30-49) | Prentice Hall, Pearson Education South Asia Pvt Ltd. Singapore, 2007             |
| 6. | Shastri, J.,<br>Chauhan, G.S. | Women in the Community: Challenges and Success   | Women in India: Issues, Perspectives and Solutions(Ed.), pp. 123-135, June, 2007 |
| 7. | Shukla, S.,<br>Kapadia, S.    | Transition in marriage partner selection process: Are matrimonial advertisements an indication?  | Psychology and Developing Societies, Vol. 19 (1), pp. 37-54, 2007                |

### Department of Home Management

- |    |                                      |   |   |
|----|--------------------------------------|---|---|
| 1. | Jaju, N.,<br>Sheth, S.,<br>Mehta, M. | Domestic Energy Audit in Urban Dwelling   | Excellence in Home Science: Contemporary Issues and Concerns, Compendium of papers of International Conference on Epigenesis: Empowerment for Excellence in Home Science, New Delhi, pp. 506-510, October 4-6, 2007     |
| 2. | Joshi, S.                            | New Economic Policies and Gender Concerns in India  | Vishleshan, 32-2, p.p. 29-36, April-June, 2007  |
| 3. | Patel, S.                            | Household Equipments and Tools used in Today's Homes<br><br>Role of schools in fulfilling vocational and educational needs of disabled children | Research Link, Issue 39, Vol. VI-4 June special, pp. 144-151, 2007<br><br>Teachers of the World, Vol. 8 No. 3, pp. 6-9, January-March, 2008   |
| 4. | Patel, S.,<br>Gandotra, V.           | Empowerment of Women through Self Employment<br><br>Ergonomic Interventions for the Physically Challenged                                       | Women in India: Issues, Perspectives and Solutions, New Century Publications, New Delhi, pp. 279-291, 2007<br><br>Ergonomic Intervention for Health and Productivity, Himanshu Publications, Udaipur, pp. 214-222, 2007 |
| 6. | Patel, S.,<br>Krishna, S.            | Abuse and Neglect of the Elderly: An Overview   | Social Welfare, Vol. 54, pp. 9-12, October 7, 2007  |
| 7. | Nanavati, A.,<br>Walter, N., Rao, R. | Bio-Medical Waste Management System : Canada And India  | Area Studies: A journal of International Studies and Analysis, Vol. I, pp. 175-208 January – June 2007  |

### 5. (A) PAPERS PRESENTED AT INTERNATIONAL SEMINARS / CONFERENCES

Sr. No.	Author( s)	Theme, Organizing Body, Place and Date of Seminar / Conference	Title of the Paper
<b>Department of Clothing &amp; Textiles</b>			
1.	Karolia, A., Buch, H.	Ars Textrina International Conference on 'Textile Territories – Past, Present & Future', Belfast 2007,, Ireland, September 11 – 12, 2007	Ajrakh – Block Printed Cloth of Kutch, Gujarat
2.	Pandya, A., Raval, H., Manek, K.	International Conference on 'Advantage India – Textiles and Apparel', organized by The Textile Association (India) Ahmedabad Unit, Ahmedabad, January 5 – 6, 2008	(Poster) Technological Upgradation : Need of the Indian Garment Industry

- |    |   |   |  |
|----|---|---|--|
| 3. | Pandya, A.,<br>Mehta, R.                | International Conference on 'Advantage India – Textiles and Apparel', organized by The Textile Association (India) Ahmedabad Unit, Ahmedabad, January 5 – 6, 2008 | (Poster) Textile Printing in Debasing the Environment                  |
| 4. | Patel, B.,<br>Maliya, M.,<br>Rajgor, N. | Apparel and Home Textiles, Okhla Garment and Textile Cluster, India Habitate Centre, New Delhi, September 28 – 29, 2007   | (Poster) Innovative Use of Textured Yarns in Apparel and Home Textiles |

**Department of Extension and Communication**

- |    |   |   |   |
|----|---|---|---|
| 1. | Pahad, A.H.,<br>Sodhi, S.                       | International Conference on 'Epigenesis Empowerment for Excellence in Home Science', New Delhi, October 4-6, 2007   | Development and Usage of Educational CD Roms for Higher Education |
| 2. | Pahad, A. H.,<br>Maniar, A. T.,<br>Upadhyay, A. | International Conference on 'Epigenesis- Empowerment for Excellence in Home Science', organized by Lady Irwin College, New Delhi, October, 4-6, 2007  | Experiment on Human Development Paradigm                          |
| 3. | Pandya, R. M.                                   | International Congress of Environment Research, organized by Government Girl's P.G. College, Bhopal, December 28-30, 2007   | Environment and Sustainable Development                           |
| 4. | Pandya, R. M.<br>Parikh, V. B.                  | International Congress of Environment Research, organized by Government Girl's P.G. College, Bhopal, December 28-30, 2007   | Environmental concerns in India                                   |
| 5. | Parikh V. B.                                    | International Congress of Environment Research, organized by Government Girl's P.G. College, Bhopal, December 28-30, 2007   | Waste Management through Vermiculture                             |
| 6. | Patil, A. S.                                    | International Conference on 'Management of Petroleum Sector', organized by Institute of Petroleum Management, Gandhinagar, December 19-21, 2007   | Social Corporate Responsibility – An Approach to Development      |
| 7. | Saini, C.                                       | 4 <sup>th</sup> International Conference on 'Environmental Education towards Sustainable Future : Partners for the Decade of Education for Sustainable Development', organized by Government of India, UNESCO, UNEP, CEE, Ahmedabad, November 24-28, 2007 | Non Formal Spaces for Learning                                    |

**Department of Foods and Nutrition**

- |    |                               |   |  |
|----|-------------------------------|---|--|
| 1. | Nambiar, V.S.,<br>Pannami, S. | International Conference on 'Consequences and Control of Micronutrient Deficiencies: Science, Policies and Programs- Defining the Issues', Istanbul, Turkey, p. 31. April 16-18, 2007 | Effect of Beta Carotene Rich Drumstick Leaves ( <i>Moringa Oliefera</i> ) and Lemon Juice Supplementation on the Haematological Indices on Young Girls (16-21) from Urban Vadodara |
|----|-------------------------------|---|--|

**Department of Human Development and Family Studies**

- |    |                           |  |  |
|----|---------------------------|--|--|
| 1. | Kapadia, S.,<br>Patel, R. | International Symposium on 'Psychotherapists around the World: Meeting Needs of the Global Village', Annual Convention of the American Psychological Association (APA), San Francisco, USA, August 17-20, 2007 | Opportunities and Challenges for Psychotherapy: Experiences from India |
| 2. | Mohite, P.                | 51 <sup>st</sup> Annual Conference of Comparative and International Education Society, CIES, Baltimore, February, 2007   | Comparison of Early Childhood thought and Practice in India            |

- |    |                           |  |   |
|----|---------------------------|--|---|
| 3. | Sharma, D.,<br>Mohite, P. | Association of Moral Education,<br>New York, USA, November 15-17, 2007 | Panoply of Values: Tracing the<br>Perceptions and Origins in Rajasthani<br>Families |
|----|---------------------------|--|---|

**Department of Home Management**

- |    |                              |  |  |
|----|------------------------------|--|--|
| 1. | Jaiswal, N.,<br>Sharma, S.   | International Symposium on 'Sustaining<br>Global Pressures: Women in Sciences and<br>Engineering: Next Generation Challenges and<br>Opportunities', organized by Indian Women<br>Scientist's Association, Kalpakkam Branch,<br>Kalpakkam, Tamilnadu, January 3-4, 2008 | Eco- Feminism: An Essential Element In<br>Sustaining The Development Of The<br>Environment   |
| 2. | Jaiswal, N.,<br>Shah, A.     | International Conference on 'Epigenesis-<br>Empowerment for Excellence in Home Science',<br>organized by Lady Irwin College, New Delhi,<br>October, 4-6, 2007  | Development and Assessment of an<br>Educational Programme on Wise Buying                     |
| 3. | Jaiswal, N.,<br>Patel, S.    | International Ergonomics Conference on<br>'Humanizing Work and Work Environment',<br>organized by Central Institute of Agricultural<br>Engineering, Bhopal, December 10-12, 2007   | Problems Faced and Coping Strategies<br>adopted by the Employed Couples to<br>Relieve Stress |
| 4. | Patel, S. H.                 | International Congress of Environmental<br>Research, organized by Government Geetanjali<br>Girls P.G. College, Bhopal,<br>December 28-30, 2007   | Youth's Ecological Concern about<br>Plastic  |
| 5. | Chaudhari, N.,<br>Shukul, M. | International Ergonomics Conference on<br>'Humanizing Work and Work Environment',<br>organized by Central Institute of Agricultural<br>Engineering, Bhopal, December 10-12, 2007   | Posture adopted by elder women while<br>using existing storage units in kitchen              |

**(B) PAPERS PRESENTED AT NATIONAL/STATE LEVEL SEMINARS/CONFERENCE**

Sr. No.	Author (s)	Theme, Organizing Body, Place and Date of Seminar / Conference	Title of the Paper
------------	------------	---	--------------------

**Department of Clothing and Textile**

- |    |                           |   |   |
|----|---------------------------|---|---|
| 1. | Karolia, A.,<br>Ranka, A. | 27 <sup>th</sup> Biennial Conference of Home Science<br>Association of India on "Expanding Horizons<br>for Professionals in Family and Community<br>Sciences, organized by The Govt. M.H. College<br>of Home Science and Science for Women,<br>Jabalpur, December 27 – 29, 2007 | Effect of UV Absorbers on Cotton and<br>Cotton Lycra Blend and Designing of<br>Sun Protective Accessories |
| 2. | Karolia, A.,<br>Ranka, A. | 27 <sup>th</sup> Biennial Conference of Home Science<br>Association of India on "Expanding Horizons for<br>Professionals in Family and Community<br>Sciences, organized by The Govt. M.H. College<br>of Home Science and Science for Women,<br>Jabalpur, December 27 – 29, 2007 | Designing & Construction of Sun<br>Protective Accessories   |
| 3. | Pandya, A.,<br>Manek, K.  | 27 <sup>th</sup> Biennial Conference of Home Science<br>Association of India on "Expanding Horizons for<br>Professionals in Family and Community<br>Sciences, organized by The Govt. M.H. College<br>of Home Science and Science for Women,<br>Jabalpur, December 27 – 29, 2007 | Degradation Parameters of Silk Fabric   |

- |    |                          |  |  |
|----|--------------------------|--|--|
| 4. | Pandya, A.,<br>Mehta, R. | 27 <sup>th</sup> Biennial Conference of Home Science Association of India on "Expanding Horizons for Professionals in Family and Community Sciences, organized by The Govt. M.H. College of Home Science and Science for Women, Jabalpur, December 27 – 29, 2007 | Printing Cluster of Jetpur : Focus on Environment and Occupational Hazards |
| 5. | Sharan, M.               | 27 <sup>th</sup> Biennial Conference of Home Science Association of India on "Expanding Horizons for Professionals in Family and Community Sciences, organized by The Govt. M.H. College of Home Science and Science for Women, Jabalpur, December 27 – 29, 2007 | Influence of Wash System on Cleaning Efficiency of Laundry Reagents        |

### Department of Extension and Communication

- |    |   |   |   |
|----|---|---|---|
| 1. | Joshi, U. G.,<br>Pandya, R. M.,<br>Mathu, A. A. | UGC sponsored National Seminar on 'Recent Trends in Development Communication', Department of Extension and Communication, Faculty of Family and Community Sciences, The M.S.University of Baroda, Vadodara, January 24-25, 2008  | Using Folk Media for spreading Communal Harmony in Vadodara                         |
| 2. | Maniar, A. T.,<br>Modi, R.                      | Quality Improvement in School Education, CASE, Faculty of Education and Psychology, The M.S.University of Baroda, Vadodara, January 18-19, 2008   | Starting a Value Education Centre in the School of Baroda City – An Action Research |
| 3. | Maniar, A. T.,<br>Mehta, S.                     | UGC sponsored National Seminar on 'Recent Trends in Development Communication', Department of Extension and Communication, Faculty of Family and Community Sciences, The M.S. University of Baroda, Vadodara, January 24-25, 2008   | ICT for Active Ageing   |
| 4. | Maniar, A. T.,<br>Das, K.                       | UGC sponsored National Seminar on 'Recent Trends in Development Communication', Department of Extension and Communication, Faculty of Family and Community Sciences, The M.S.University of Baroda, Vadodara, January 24-25, 2008  | Information Needs of Rural Women regarding their Reproductive Health                |
| 5. | Mathu, A. A.,<br>Saini, C. S.                   | UGC sponsored National Seminar on 'Sustainable Development and Environment Responsibilities: Strengthening interface between Household, Industry, Government and NGOs, Department of Home Management, Faculty of Family and Community Sciences, The M.S. University of Baroda, Vadodara, February 1-2, 2008 | Environment Education and Sustainable Development                                   |
| 6. | Pahad, A. H.,<br>Upadhyay, A.                   | UGC sponsored National Seminar on 'Recent Trends in Development Communication', Department of Extension and Communication, Faculty of Family and Community Sciences, The M.S. University of Baroda, Vadodara, January 24-25, 2008   | Social Marketing – Catalyst for Social Change                                       |
| 7. | Pahad, A. H.,<br>Jain, A.                       | UGC sponsored National Seminar on 'Recent Trends in Development Communication', Department of Extension and Communication, Faculty of Family and Community Sciences, The M.S. University of Baroda, Vadodara, January 24-25, 2008   | Influence of Globalised media on Youth  |

## The Maharaja Sayajirao University of Baroda

- |     |                                |   |   |
|-----|--------------------------------|---|---|
| 8.  | Pandya, R. M.,<br>Patel, S.    | XXVII Biennial Conference of HSAI on<br>"Expanding Horizons Professional in Family<br>and Community Sciences", The Home Science<br>Association of India, Jabalpur Chapter at Govt.<br>M.H. college of Home Science and Science for<br>Women, Jabalpur, December 27 -29, 2007  | Starting Health Clubs in Schools  |
| 9.  | Pandya, R. M.,<br>Upadhyay, A. | Quality Improvement in School Education,<br>CASE, Faculty of Education and Psychology,<br>The M.S.University of Baroda, Vadodara,<br>January 18-19, 2008  | Vocationalisation of Education : Issues<br>and Solutions  |
| 10. | Pandya, R.M.<br>Parikh, V.B.   | 56 <sup>th</sup> All India Adult Education Conference<br>Jointly Organized by Indian Adult Education,<br>International Institute of Adult and Lifelong<br>Education and Shri Gajanan Maharaj Sanstan's<br>College of Engineering, Shegaon,<br>December 4-6, 2007  | ICT To Reach The Unreached  |
| 11. | Pandya, R. M.                  | UGC sponsored National Seminar on 'Recent<br>Trends in Development Communication',<br>Department of Extension and Communication,<br>Faculty of Family and Community Sciences,<br>The M.S. University of Baroda, Vadodara,<br>January 24-25, 2008  | Our Communities – Our Laboratories  |
|     |                                | UGC sponsored National Seminar on'<br>Sustainable Development and Environment<br>Responsibilities: Strengthening interface<br>between Household, Industry, Government and<br>NGOs, Department of Home Management,<br>Faculty of Family and Community<br>Sciences The M. S. University of Baroda,<br>Vadodara, February 1-2, 2008  | If You Want to Act Green – Think Green  |
|     |                                | National Seminar on "Special Economic Zone :<br>Issues and Challenges Ahead", ASIHSS<br>Programme, Faculty of Social Work, The M. S.<br>University of Baroda, Vadodara,<br>February 5-6, 2008   | Environment Vs Development: Can We<br>have Equilibrium?   |
| 12. | Parikh, V.B.                   | XXVII Biennial Conference of HSAI on<br>"Expanding Horizons Professional in Family<br>and Community Sciences", The Home Science<br>Association of India, Jabalpur Chapter at Govt.<br>M.H. college of Home Science and Science for<br>Women, Jabalpur, December 27 -29, 2007  | Income Generation Through Vocational<br>Skill Development among the Selected<br>Widow Women of UCD / UBSP of<br>Baroda City |
|     |                                | UGC sponsored National Seminar on '<br>Sustainable Development and Environment<br>Responsibilities: Strengthening interface<br>between Household, Industry, Government and<br>NGOs, Department of Home Management,<br>Faculty of Family and Community<br>Sciences, The M.S. University of Baroda,<br>Vadodara, February 1-2, 2008 | Environment and Higher Education :<br>Problems and Prospectus   |
|     |                                | UGC sponsored National Seminar on 'Recent<br>Trends in Development Communication',<br>Department of Extension and Communication,<br>Faculty of Family and Community Sciences,<br>The M.S. University of Baroda, Vadodara,<br>January 24-25, 2008  | The Fundamentals of Participatory<br>Development Communication Process  |

- |     |                          |  |   |
|-----|--------------------------|--|---|
| 13. | Patil, A. S.             | National Seminar on "Rural Marketing in the era of Globalisation : Problems and Prospectus", Sardar Patel Institute of Public Administration, Ahmedabad, December 20, 2007   | Income Generation for Rural Women                         |
| 14. | Saini, C.,<br>Pahad, A., | UGC sponsored National Seminar on ' Sustainable Development and Environment Responsibilities: Strengthening interface between Household, Industry, Government and NGOs, Department of Home Management, Faculty of Family and Community Sciences, The M.S. University of Baroda, Vadodara, February 1-2, 2008 | Media and Environmental Communication                     |
| 15. | Saluja, D.S.             | UGC sponsored National Seminar on 'Recent Trends in Development Communication', Department of Extension and Communication, Faculty of Family and Community Sciences, M.S.U., Vadodara, January 24-25, 2008   | Education for Sustainable Development : A need of an hour |

**Department of Foods and Nutrition**

- |    |   |  |   |
|----|---|--|---|
| 1. | Chandorkar, S.S.                            | "Capacity Building of Young Scientist for carrying out research in the field of Nutrition", organized by Indian Council of Medical Research, R. D. Gardi Medical College, Ujjain, March 9-11, 2008 | Effect of Soaking, Germination and Fermentation on Iron Availability from Selected Foods  |
| 2. | Sharma, K.                                  | National Seminar 'Challenges of Malnutrition-Meeting the Strategies and Intervention', Bhopal, June11 - 12, 2007   | Counselling as a tool to improve infant feeding practices in an urban slum of Vadodara  |
| 3. | Tuteja, S. K.,<br>Shah, P.                  | UGC – Sponsored National Seminar on 'Functional Foods For Health Promotion and Disease Prevention', organized by Dept of Foods & Nutrition, Mysore, February 14 – 15, 2008                         | Development and Assessment of the Sensory Attributes and the Impact of Barley Soya Based Bread on the Lipid Profile of Mild Hypercholesterolemic Subjects         |
| 4. | Tuteja, S. K.,<br>Patel, J.,<br>Batavia, R. | 39 <sup>th</sup> Conference of Nutrition Society of India, Hyderabad, November 15 – 16, 2007   | Scope And Assessment Of The Acceptability Of Purslane Incorporated Barley Based Selected Bakery Products (Poster Presentation)                                    |
| 5. | Nair, S.,<br>Joshi, K.                      | 39 <sup>th</sup> Conference of Nutrition Society of India, Hyderabad, November 15 – 16, 2007   | Advocacy Measures to Attain Universal Salt Iodization amongst Small Scale Salt Producers of 3 Districts of Gujarat" (Paper Presentation Young Scientist Category) |
|    |   | 39 <sup>th</sup> Conference of Nutrition Society of India, Hyderabad, November 15 – 16, 2007   | Capacity Building of Small Scale Traders- A Nutrition Breakthrough" (Won Best Poster Award Under Nutrition, Education And Communication Category)                 |
|    |   | "Capacity Building of Young Scientist for carrying out research in the field of Nutrition", organized by Indian Council of Medical Research, R. D. Gardi Medical College, Ujjain, March 9-11, 2008 | Advocacy Measures to Attain Universal Salt Iodization (Paper Presentation For Young Scientist Category)   |
| 6. | Mehan, M.,<br>Surabhi, S.,                  | 39 <sup>th</sup> Conference of Nutrition Society of India, Hyderabad, November 15 – 16, 2007   | Physical Activity Pattern of Productive Population of Vadodara (Poster Presentation)  |

## The Maharaja Sayajirao University of Baroda

- |     |   |  |   |
|-----|---|--|---|
| 7.  | Sheth, M. K.,<br>Sukhija, S.  | 39 <sup>th</sup> Conference of Nutrition Society of India,<br>Hyderabad, November 15 – 16, 2007  | Risk Analysis of the Food Served in<br>Hostel Mess of University Girls Hostel<br><br>Effectiveness of Food Safety Education<br>(FSE) to Canteen Staff in University<br>Boys' Hostel<br><br>Consumption Pattern of Prebiotic and<br>Probiotic Foods and Determining the Gut<br>Health of Young Adult Females<br>(18-25yrs).<br><br>Analysis of Insulin Content of Commonly<br>Consumed Foods in Indian Diets.<br><br>Probiotic Status and Organoleptic<br>Quality of Indian Fermented Milk (Dahi). |
| 8.  | Nambiar, V. S.,<br>Guin, P.,<br>Parnami, S.,<br>Daniel, M.,<br>Nithya, S. | 39th National Conference, Nutrition Society of<br>India, Hyderabad, November 15-17 2007  | Impact of Antioxidants from Drumstick<br>Leaves on the Lipid Profile of<br>Hyperlipidemics  |
| 9.  | Chauhan, S.,<br>Nambiar, V. S.  | 39th National Conference, Nutrition Society of<br>India, Hyderabad, November 15-17 2007  | Effect Of Beta Carotene from<br>Dehydrated Drumstick Leaf Powder on<br>the Haematological Indices of Non-<br>Pregnant Non-Lactating Young Women<br>18 – 25 Yrs (Preliminary Trials)<br><br>Polyphenols From Dark Chocolate And<br>Their Effects On The Nutritional Status<br>Of The Middle Aged Gujarati Jains.   |
| 10. | Kanani, S.  | GAIN (Global Alliance for Improved Nutrition),<br>New Delhi, April 15, 2008<br><br>Solution Exchange/ WHO, Udaipur,<br>March 17-18, 2008<br><br>Solution Exchange/ WHO/ FAO/ NIN,<br>Hyderabad, October 17, 2007<br><br>M S Swaminathan Research Foundation<br>Chennai, August 12 - 14, 2007<br><br>USAID – Vistar / New Delhi, July 18 – 19, 2007 | 1 <sup>st</sup> Meeting of the (IYCN) – Infant and<br>young child Nutrition India Alliance<br><br>3 <sup>rd</sup> Annual Forum of the MCH<br>Community of solution Exchange<br>(Poster Presentation)<br><br>2 <sup>nd</sup> Annual Forum of Foods & Nutrition<br>Community of Solution Exchange<br><br>National Nutrition Conclave<br><br>Growth and Promotion –<br>Complementary Feeding and Anemia.   |
| 11. | Sheth, M. K.,<br>Vaidya, R. H.  | Fermented Foods Health Status and Social<br>Wellbeing, SANSET, Anand,<br>December 14-15, 2007  | Probiotic Staus and Role in the<br>Organoleptic Qualities of Dahi Samples<br>of Urban Vadodara  |
| 12. | Sheth, M. K.,<br>Sukhija, S.  | Fermented Foods Health Status and Social<br>Wellbeing, SANSET, Anand,<br>December 14-15, 2007  | Prebiotic Incorporated Indian Fermented<br>Food - Dhokla, Its Organoleptic and<br>Nutrient Quality  |

### Department of Human Development and Family Studies .

- |    |                                |  |  |
|----|--------------------------------|--|--|
| 1. | Bhangaokar, R.,<br>Kapadia, S. | National Seminar on Indian 'Psychology:<br>Theories and Models', organized by Swami<br>Vivekananda Yoga Anusandhana Samsthana<br>(SVYASA), Bangalore, December 26-28, 2007 | Decoding Hindu Death Rituals ( <i>antim<br/>samskaar</i> ): Implications for Social-Moral<br>Development in Hindu, Maharashtrian<br>Families |
|----|--------------------------------|--|--|

## Faculty of Family and Community Sciences

- |    |  |   |  |
|----|--|---|--|
| 2. | Gandhi, P.   | Indian Association for Women's Studies, Lucknow, February 7-10 2008   | Women Artists- Unearthing the Hidden   |
| 3. | Kapadia, S.,<br>Bajpai, D.,<br>Roy, S.,<br>Chopra P. | 'Human Development: Commitment to Processes of Change', organized by Nirmila Niketan College of Home Science, Mumbai, December 5-6, 2007.   | Am I an adult? Young Individuals' Conceptions of Adulthood in a Contemporary Indian Context.               |
| 4. | Mehta, B.,<br>Kapadia, S.                            | XII National Silver Jubilee Conference on 'Feminism, Education and the Transformation of Knowledges: Processes and Institutions' organized by The Indian Association For Women's Studies, University of Lucknow, Lucknow, February 7-10, 2008 | Women and Infertility Treatment: A Rights Perspective  |
| 5. | Sharma, D.   | Aga Khan Foundation Seminar Series on 'Teacher Development', organized by National Institute of Small Scale Industry Extension Training (NISJET), Hyderabad, May 4-5, 2007  | "If I can not learn the way you teach me then teach me the way I can learn: The Chetan Balwadi Experience" |

### Department of Home Management

- |    |  |  |   |
|----|--|--|---|
| 1. | Jaiswal, N.,<br>Philip, P.   | Recent Trends in Developmental Communication, Department of Extension & Communication, Faculty of Family & Community Sciences, The M.S. University of Baroda, Vadodara, January 24-25, 2008  | Social Marketing in Developing Countries  |
|    |  | 'Sustainable Development and Environmental Responsibilities: Strengthening Interface Between Household Industry, Government and NGO's', Department of Home Management, Faculty of Family and Community Sciences, The M.S. University of Baroda, Vadodara, February 1-2, 2008 | Environment Education and Auditing by Families for Sustainable Development of the Environment |
| 2. | Jaiswal, N.,<br>Sharma, S.   | Sustainable Development and Environmental Responsibilities: Strengthening Interface Between Household Industry, Government and NGO's, Department of Home Management, Faculty of Family and Community Sciences, The M.S. University of Baroda, Vadodara, 1-2 February, 2008   | Environmental Values in the Sustainable Development of the Environment                        |
| 3. | Jaiswal, N.,<br>Kandpal, J.,<br>Pandya, S.,<br>Mesaria, S.,<br>Patel, H. | Sustainable Development and Environmental Responsibilities: Strengthening Interface Between Household Industry, Government and NGO's, Department of Home Management, Faculty of Family and Community Sciences, The M.S. University of Baroda, Vadodara, 1-2 February, 2008   | Eco-Friendly Consumption Behavior of the Families   |
| 4. | Mehta, A.  | Sustainable Development and Environmental Responsibilities: Strengthening Interface Between Household Industry, Government and NGO's, Department of Home Management, Faculty of Family and Community Sciences, The M.S. University of Baroda, Vadodara, 1-2 February, 2008   | Atmospheric Pollution   |

## The Maharaja Sayajirao University of Baroda

- |    |            |  |   |
|----|------------|--|---|
| 5. | Shukul, M. | Sustainable Development and Environmental Responsibilities: Strengthening Interface Between Household Industry, Government and NGO's, Department of Home Management, Faculty of Family and Community Sciences, The M.S. University of Baroda, Vadodara, 1-2 February, 2008 | Sustainable development and environmental responsibilities: strengthening interface between household, industry, government and NGO's |
| 6. | Walter, N. | Sustainable Development and Environmental Responsibilities: Strengthening Interface Between Household Industry, Government and NGO's, Department of Home Management, Faculty of Family and Community Sciences, The M.S. University of Baroda, Vadodara, 1-2 February, 2008 | Eco tourism: A viable alternative for environmental sustainability  |

### 6. TALKS OF ACADEMIC NATURE IN PROFESSIONAL PROGRAMMES

Sr. No.	Name (s)	Nature of Professional Programmes	Title	Participated as
<b>Department of Foods and Nutrition</b>				
1.	Dhruv, S. A.	Lectures for Employees & Spouses of Ranbaxy – CV, a division of Ranbaxy Labs India Pvt. Ltd., at IPCL, Vadodara September 22, 2007	Diet and Non Communicable Diseases	Invited Speaker
		Lecture at Bhagini Samaj, Karelibaug, February 6, 2008	Importance of Diet in Adulthood	Invited Speaker
		Two day Seminar on 'Life after 60 +' organized by Retired Officers Club, Vadodara, February 23, 2008	Diet and Non Communicable Diseases	Invited Speaker
2.	Mehta, P. M.	Invited by Bhagini Samaj, Karelibaug, on February 6, 2008	Overview on Importance of Diet during lifecycle	Invited Speaker
3.	Chauhan, K. B.	Invited by Bhagini Samaj, Karelibaug, on February 6, 2008	Importance of Diet in Old Age	Invited Speaker
		Two day Seminar on 'Life after 60 +' organized by Retired Officers Club, Vadodara, February 23, 2008	Health and Nutrition during old age	Invited Speaker
		Retired Officer's Forum, for 58+yrs GSFC officers and workers on March 12 and March 14, 2008	Food and Nutrition for elderly people to remain fit and energetic	Invited Speaker
4.	Nair, S.	Unicef- Gujarat-for reinforcing Salt advocacy programmes.	Importance of salt iodization	Invited speaker
		Govt.of Gujarat, Health Commissionerate Office, Gandhinagar	Quick methods to identifying pregnant anemic women, rectifying programmes.	Invited speaker
5.	Sheth, M. K.	Training programme, by STIPA	Nutrition Health Education to Mukhiyasemikas at Baroda	Resource Person
		Training Programme, Department of Foods and Nutrition	Importance of food safety in small restaurants to the group of owners of the restaurant	Resource Person

## Faculty of Family and Community Sciences

6.	Nambiar, V. S.	Gujarat Sarkar Samaj Kalyan Salahkar Board run Bhagini Samaj in Association with Kutumb Salah Kendra, Vadodara. February 6, 2008	Importance of Diet in School children	Invited Speaker
			Nutritional requirements for school children	Resource person
		In the Food safety training Programme for Street Food Vendors. Capacity Building Project of the Ministry of Health and Family Welfare. The Government of India. Health session II, April 12, 2007	Lecture and demonstration on Food Adulteration	Resource person
		Master Training for Trainers (TOT) programme for the ICDS CDPO and Medical Officers of Valsad District, February 29, 2008	Nutritional Needs during Adolescence, Pregnancy and lactation	Master trainer Resource person
7.	Mani, U. V.	FAO-UN, Solution Exchange, 2nd Annual Forum of Food and Nutrition Security Community at Hyderabad, August 17-19 2007	Food and Nutrition Security in India	Resource Group Member
		MDRF, University of Alabama, Joint Conference on Epidemiology of Non Communicable Disease, July 14-17, 2007	Non Communicable Disease	Invited Speaker
		Workshop on Public Health Nutrition "Composite diets in Health and diseases", November 24-30, 2007	Public Health Nutrition Foundation India, New Delhi	Invited Speaker
		<b>Department of Human Development and Family Studies</b>		
1.	Chaudhary, S.	Program for mukhya sevikas on Evaluation of ICDS programme organized by Sardar Patel Institute for Public Administration, Vadodara, June 27 and July 7, 2007	Child development and Non formal education	Resource Person
2.	Mehta, B.	Training workshop for project incharge/social workers/cluster coordinators organized by department of Human Development and Family Studies and Holistic Child Development India (Pune) as part of the project on Early Childhood Care and Development programme, August 4, 2007	Gender in ECCE	Resource Person
		Panel discussion on the need for the Sex Education programme in the State of Gujarat, organized by Sardar Bhavan, Baroda, August 8, 2007	Need for the Sex Education Programme in Gujarat	Panelist
		Short course on Gendered research in health, organized by Women's Health Training Research and Advocacy Cell (WOHTRAC), Women's Studies Research Center, The M.S. University of Baroda, May 5, 2007	Analyzing qualitative data	Resource Person

## The Maharaja Sayajirao University of Baroda

### Department of Home Management

- |    |             |  |  |                 |
|----|-------------|--|--|-----------------|
| 1. | Jaiswal, N. | Post graduate Diploma in Hospital Administration, Indian Hospital Association, January 4, 2008     | Housekeeping in hospitals                        | Guest faculty   |
| 2. | Shukul, M.  | Seminar on Home Science and Rural Development, Gujarat Vidyapith, Randheja, Gujarat, March 1, 2008 | Role of consumer protection in rural development | Resource person |

### 7. CONTRIBUTION IN CONDUCTING PROFESSIONAL / ACADEMIC PROGRAMMES

Sr. No.	Name (S)	Programme (s), Place and Date (s)	Participated as
<b>Department of Extension &amp; Communication</b>			
1.	Joshi, U.G.	UGC sponsored National Seminar on 'Recent Trends in Development Communication', Department of Extension and Communication, Faculty of Family and Community Sciences, The M.S. University of Baroda, Vadodara January 24-25, 2008	Director and Resource Person
2.	Pandya, R. M., Mathu, A. A., Saluja, D. S., Saini, C.	Exhibition of Urban Extension of Academic Year 2007-2008 "SHOWCASE 2008", PRAGATI Centre, Department of Extension and Communication, Faculty of Family and Community Sciences, The M.S. University of Baroda, Vadodara, March 27, 2008	Director Resource Person
3.	Pandya, R. M., Mathu, A. A., Saluja, D. S., Saini, C.	Workshop for "Innovative Teaching Methods and materials " for the Primary School Teachers of Vadodara District, PRAGATI Centre, Department of Extension and Communication, Faculty of Family and Community Sciences, The M.S. University of Baroda, Vadodara, September 22, 2007	Director Co- Directors
4.	Maniar, A. T., Parikh, V. B., Sidhpura, M.	Documented Video CD on "Nirmal Gram Pursruk Village of Gujarat, October, 2007	Programme Organizers
<b>Department of Human Development and Family Studies</b>			
2.	Bhargava, S.	Attention deficit hyperactive disorder, Vatsalya Child Development Centre, Vadodara, February 23, 2008	Resource Person
		Process of learning in early years, Inservice training program for pre and primary school teachers of western and southern region, Bhartiya Vidya Bhavans, Vadodara, September 11, 2007	Resource Person
		Training workshop for project incharges/ social workers/cluster coordinators, Department of HDFS and Holistic Child Development India, Pune, Vadodara, August 2-4, 2007	Resource Person
3.	Chaudhary, S.	Workshop, organized by SUBAH, counselor association of Vadodara, on problem behaviour among adolescents and parents role. At Baroda Productivity Council, Vadodara, February 24, 2008	Organizer and coordinator
		Series of workshops organized by Tejas Vidyalaya, Vadodara with adolescents (standard 8 <sup>th</sup> and 9 <sup>th</sup> ) on Negative impacts of smoking and Understanding of relationships, March, 4-8 2008	Organizer and coordinator
		Series of workshops organized by Tejas Vidyalaya, Vadodara with parents on adolescents' concerns of parenting and communication, March, 4-8, 2008	Organizer and coordinator

## Faculty of Family and Community Sciences

- |    |                                |   |                                 |
|----|--------------------------------|---|---------------------------------|
| 4. | Mankodi, H.                    | Inservice training program for pre primary teachers of Bharatiya Vidya Bhavans, Kochi, April 3-4, 2008  | Resource Person                 |
|    |                                | Inservice training program for pre and primary school teachers of western and southern region, Bharatiya Vidya Bhavans, September 10-14, 2007, Vadodara                                   | Coordinator,<br>Resource Person |
|    |                                | Training workshop for project incharges/ social workers/cluster coordinators, Dept of HDFS and Holistic Child Development India Pune, Vadodara, August 2-4, 2007                          | Resource Person                 |
| 5. | Mehta, B.                      | Talk on 'Aspects of Sexuality', in the Department by Mr. Apurva Pandya, formerly working with Lakshya Trust, October 12, 2007   | Organizer and coordinator       |
| 6. | Mohite, P.                     | In-Service Training for Preschool Teachers in Bhartiya Vidya Bhavan School, in collaboration with the Bharatiya Vidya Bhavans School and the Department of HDFS, Vadodara, September 2007 | Coordinator                     |
| 7. | Shastri, J.,<br>Bhangaokar, R. | Developmental Assessment of preschool children, Nalanda International, Vadodara, September 27 - October 3, 2007   | Resource Person                 |

### Department of Home Management

- |    |                           |   |                         |
|----|---------------------------|---|-------------------------|
| 1. | Shukul, M.<br>Jaiswal, N. | UGC sponsored National Seminar on Sustainable Development and Environmental Responsibilities: Strengthening Interface Between Household Industry, Government and NGOs<br>Department of Home Management, Faculty of Family and Community Sciences, The M.S. University of Baroda, Vadodara, 1-2 February, 2008 | Director<br>Co-Director |
|----|---------------------------|---|-------------------------|

### Women's Studies Research Centre

- |    |            |  |             |
|----|------------|--|-------------|
| 1. | Khanna, P. | Gender Sensitization Programme for Police personnel of Baroda in collaboration with other Faculties and select NGOs, Police Bhavan, Vadodara, April 4, 2007    | Coordinator |
|    |            | Capacity building Workshop for Women Sarpanches, Women's Studies Research Centre, The M.S. University of Baroda, Vadodara, May 28-29, 2007                     | Organizer   |
|    |            | Interdisciplinary Certificate Course in Women's Studies, Women's Studies Research Centre, The M.S. University of Baroda, Vadodara, August 6—September 13, 2007 | Coordinator |

## 8. PARTICIPATION IN ACADEMIC BODIES OF OTHER UNIVERSITIES

Sr. No.	Name (s)	Academic body of Universities / Institutions and Place	Participated as
<b>Department of Extension and Communication</b>			
1.	Joshi, U. G.	Board of Studies, SNDT University, Bombay and Gujarat University	Member
2.	Patil, A. S.	Krishi Vigyan Kendra, Rural Gram Vidhyapith, Mangal Bharti, Taluka Sankheda, Vadodara	Advisor
<b>Department of Foods and Nutrition</b>			
1.	Tuteja, S.K.	Expert committee member – UGC in the area of Home Science for mid term review of on – going projects and evaluations of fresh proposals	Expert Review Committee member

## The Maharaja Sayajirao University of Baroda

### Department of Human Development and Family Studies

- |    |               |   |                                       |
|----|---------------|---|---------------------------------------|
| 1. | Chaudhary, S. | The International Journal of Interdisciplinary Social Sciences, Volume (2)4, 2007, C.G.Publishers, Australia      | Associate Editor                      |
| 2. | Mohite, P.    | UGC-SAP programme of the Department of Foods and Nutrition and Family Resource Management, SNDT University Mumbai | An Expert in Review Committee Meeting |
| 3. | Shastri, J    | IGNOU, New Delhi  | Expert member                         |

### Department of Home Management

- |    |            |   |                        |
|----|------------|---|------------------------|
| 1. | Shukul, M. | Board of studies, S.N.DT. University, Mumbai  | External Expert member |
|    |            | Sub-committee of Board of Studies in FRM, Maharana Pratap University of Agriculture and Technology, Udaipur | Expert Member          |

## 9. PERFORMANCE BY INDIVIDUAL/GROUP

Sr. No.	Name (s)	Place and Date	Nature of Performance
<b>Department of Extension and Communication</b>			
1.	Pandya, R.M., Mathu, A.A., Saluja, D.S., Saini, C.	Maharani Sayaji School, Fatehgunj Manjalpur Primary and High School, Navayad and Manjalpur, December 2007	RHE –Reproductive Health Awareness Programme with Adolescents of Government Schools and Urban Slums of Baroda  Tobacco –de-addictia Programme with Adolescent of Government School
2	Saini, C.	Exhibitional Display of Changing Communication Technologies, Department of Extension and Communication, Faculty of Family and Community Sciences, M. S. U., Vadodara, February 28, 2008	Exhibition of Display of Communication Equipments

## 10. STATE / NATIONAL / INTERNATIONAL AWARDS AND DISTINCTION OF ACADEMIC NATURE

Sr. No.	Name (s) of Recipient(s)	Description of Award	Contribution made by the Recipient
<b>Department of Foods and Nutrition</b>			
1.	Sharma, K.	Best paper in the area of foods and Nutrition at 27 <sup>th</sup> Biennial Conference on HSAI on "Expanding Horizons for professionals in family and community science" Jabalpur, December, 27-29 2007,	Presented paper on 'Effect of multiple micro nutrient supplementation on the hemoglobin levels of pre school children of urban slums of Baroda'
2.	Nair, S., Joshi, K.	Best Poster Award in the area of Nutrition Education and Communication at 39 <sup>th</sup> National Conference on Nutrition By NSI, NIN, Hyderabad, November, 15, 2007	Prepared poster on 'Capacity Building of small Scale Salt producers'
3.	Nambiar, V. S.	Senior Young Scientist Award in Community Nutrition at the 55th Nutrition Society of India Conference, Hyderabad November, 15, 2007	Community Nutrition

## Faculty of Family and Community Sciences

### 11. IMPORTANT EVENTS / ACTIVITIES OF THE DEPARTMENT / FACULTY / UNIT

Description of the Event	Date, Time & Place
<b>Department of Clothing &amp; Textile</b>	
Educational Tour for the Jr. & Sr. M.F.C.Sc. Students	September 2-9, 2007, 8:00 a.m. to 9:00 p.m. Tirupur & Coimbtore
Educational Tour for the T.Y. CT & CTV Students	September 11-14, 2007, 8:00 a.m. to 9:00 p.m., Kutch
Educational Tour for the S.Y. CT & CTV Students	Januray 25, 2008 6:00 a.m. to 10:00 p.m., Baska, Halol
Half Day Seminar on "Latest Scenario In Textiles"	Januray 25, 2008, 4:00 p.m. to 7:00 p.m., Faculty of Family & Community Sciences, The M.S. University, Baroda
<b>Department of Extension and Communication</b>	
"Showcase 2008"	March 27, 2008, Adult and NFE Laboratory "Pragati", Faculty of Family & Community Sciences, The M.S. University, Baroda
Educational tours	
- S.Y. students	February 22, 2008, Devkrupa Asram, Waghodia
- T.Y. Students	February 16, 2008, Tribhuvandas Foundation and Gujarat University and Sardar Smruti Kendraat Anand.
- Post Graduate Students	February 19, 2008 CHETANA and CEE Ahmedabad
A Website is launched for elderly citizens of Baroda city called as "Second Innings" by the master student of the department	September 17, 2007, Faculty of Family & Community Sciences, The M.S. University, Baroda, Vadodara
Two days workshop focusing on training the primary school teachers for innovative teaching methods and materials	September 21-22, 2007, Faculty of Family & Community Sciences, The M.S. University, Baroda, Vadodara
An exhibition on changing communication technologies on National Science Day	February 28, 2008, Faculty of Family & Community Sciences, The M.S. University, Baroda, Vadodara
A National Seminar on 'Recent Trends in Development Communication'	January 24-25, 2008, Faculty of Family & Community Sciences, The M.S. University, Baroda, Vadodara
Campaign on 'Environment Cleanliness'	March 17, 2008, Faculty of Family & Community Sciences, The M.S. University, Baroda, Vadodara
<b>Department of Foods and Nutrition</b>	
Training cum Workshop on 'Care for the Elderly' for professional care givers (Nurses) jointly organized by Dept. of Foods & Nutrition and Indian Medical Association, Vadodara Branch	January 6, 2008, Faculty of Family & Community Sciences, The M.S. University, Baroda, Vadodara

# The Maharaja Sayajirao University of Baroda

Three Workshops on Review of Universal Salt Iodization and Advocacy for Salt producers-jointly organized by Dept of Foods and Nutrition and Micronutrient Supporting Unit-UNICEF

January 5, 2008, Vadodara,  
February 8, 2008, Anand,  
February 12, 2008, Ahmedabad

Master training programme for the Mid day meal to train the entire State's MDM functionaries funded by the Government of Gujarat, Department of Education, Mid Day meal

February-March 2008,  
25 Districts of Vadodara

Training program for 30 owners and 30 food handlers of small and medium restaurants on various aspects of food safety under the world bank assisted capacity building project of Ministry of Health and Family Welfare, Govt. of India.

February 18 – March 13,  
Faculty of Family & Community  
Sciences, The M.S. University, Baroda,  
Vadodara

Training Programme for all CDHOs, Health Department, GOG. On Anemia Control Programme For Pregnant Women

October 4, 2007, SIFHW - Ahmedabad

## Department of Human Development and Family Studies

An event based field work program was organized by the TY (HDFS) students. The overall theme of the program was "Family", within which students organized events for children in the age range of 5-8 years and youth.

March 13-14, 2008, Department of  
HDFS, Vadodara

## Department of Home Management

UGC Sponsored National Seminar on 'Sustainable Development and Responsibilities: Strengthening Interface between Household, Industry, Government and NGO's'

February 1-2, 2008, 9.00 to 5.00,  
Seminar Hall, HomeManagement  
Department, Faculty of Family &  
Community Sciences, The M.S.  
University, Baroda

Educational Tour for P.G.Students to Rajasthan to study historical architecture and the material used in the buildings of the ancient times.

September 25-October 1, 2007,  
Jaipur, Jodhpur and Ajmer

Educational Tour of the P.G.students to the Centre for Environment to orient them about the projects and activities undertaken by CEE in the field of Environment protection.

December 29, 2007, Ahmedabad

## Women Studies Research Centre

Capacity Building Workshop for Women Sarpanches of Vadodara and Padra Taluka

May 28 - 29, 2007  
10.30 a.m. to 5.00 p.m., WSRC,  
Faculty of Family & Community  
Sciences, The M.S. University, Baroda

Interdisciplinary Certificate Course in Women's Studies

August 6 to September 13, 2007,  
3.00 p.m. to 5.00 p.m.  
WSRC, Faculty of Family &  
Community Sciences,  
The M.S. University, Baroda

## 13. ADDITIONAL FACILITIES CREATED IN TERMS OF

### (A) NEW EQUIPMENT

#### Department of Extension and Communication

Computers

#### Department of Foods and Nutrition

Spectronic 20

pH Meter

Hot air Oven

Digital Colorimeter

Laptop

Digital Light Processor Projector

Digital Camera

Serological Bath

Cyclomixer

Single Pan Analytical Balance

Clinical Centrifuge

Personal Computers

Video Camera

Personal Weighing Scales

Digital Weighing Scales  
 Infantometer  
 Glucometer  
 Microwaves

Salter Scales  
 Blood Pressure Instrument  
 Refrigerator

**Department of Human Development and Family Studies**

DLP Projector  
 Laptop  
 Split AC  
 Handicam  
 Tape Recorder  
 Over Head Projector

Computers  
 PA System  
 DVD Player  
 Digital Camera  
 Ipod with recorder  
 Intercom System for department staff

**Women Studies Research Centre**

Computer  
 Xerox Machine  
 Digital Camera

Scanner  
 Printer

**(B) NEW LABORATORIES/SEMINAR / CONFERENCE ROOMS**

**Department of Clothing and Textile**

Grant allotted for the construction of community hall from MP quota allotment.

**Foods & Nutrition**

80 Seater Seminar Room under UGC DSA SAP Programme

**Department of Home Management**

Seminar Room under Xth Five year plan

**14. DISTINGUISHED VISITORS AT DEPARTMENTS / FACULTY**

S.No.	Name with Full Address	Designation	Date(s) of Visit	Purpose
<b>Department of Foods and Nutrition</b>				
1.	Dr. G A Groot University of Netherlands, Netherlands	Professor, Human Nutrition and Neurobiologist	04-01-08	To deliver talks of academic nature
<b>Department of Human Development and Family Studies</b>				
1.	Dr. Padma Prakash T-131, International Infotech Park Navi Mumbai	Editor, Social Sciences.	12-02-08 to 16-02-08	Conducted workshop on Writing in Social Sciences for Post graduate and Ph.d Students
2.	Dr. Preeti Shah	MD DGO Private Practitioner	26-09-07	Lecture under the aegis of Youth Study and Support Center (YSSC) of the department, for the first year students of the faculty on Reproductive health and hygiene
<b>Department of Home Management</b>				
1.	Dr. Archana Bhatnagar Department of FRM, P.G. Department of Home Science, SNDT University, Mumbai	Reader & I/C. Head	19-10-07	To deliver Lecture on "Ergonomics for Consumers"
<b>Womens Studies Research Centre</b>				
1.	Dr. Rashmi Sadana Dept. of Anthropology Colombia University	Professor	14-02-08	To deliver talk under Contemporary Women's Studies Series

### 15. NEW PROGRAMMES FOR COMMUNITY OUTREACH AT DEPARTMENT / FACULTY

#### Department of Clothing and Textile

The programme for community outreach at the department was carried out by the undergraduate and postgraduate students under the courses entitled "Field Placement", "On Job Training".

The Field Placement of the undergraduate students was carried out at various city based NGO's such as Friend's Society, Shishu Milap, Bhagini Samaj, Shroff Foundation, Nari Saurakshan Gruh etc., where various garment construction skill, surface ornamentation, embroidery skills, innovative product development etc., was imparted. This placement created a lot of enthusiasm and interest among the target group. This would make them self reliant and independent.

On Job Training / Internship at both UG and PG programme in various garment manufacturing / printing units, design / export houses was implemented in 2007-08.

#### Department of Extension and Communication

##### Field work in Urban areas :

The Department has performed various activities under the course of Adult Education and Non-Formal Education.

1) **Non-Formal Education** : Under the Non-Formal Education, the students of the Department performed various activities on the Four major thrust areas i.e. Disaster Management, Environment, Literacy, Health and Hygiene which was further supported by traffic rules. The target groups for these activities were children which was categorized into Children from slum areas, school dropouts and children from corporation schools .

2) **Adult Education** : The second side of the coin was adult education in which under the guidance of the teachers, the students performed different activities. Two thrust areas were Reproductive Health and Tobacco Chewing Eradication. The target group for these projects were adolescent girls and boys of the school as well as slum areas.

The project of Reproductive Health was exclusively done with adolescent girls of slum areas, Sayaji School and Maharani Girls' School.

On the other hand the project on Eradication of Tobacco Consumption was conducted with the boys of Corporation schools. For all the projects, the students created awareness amongst the adolescents and school going children with the use of different innovative teaching methods like drama, role-play, workshop and innovative teaching materials like working models on Disaster Management and Traffic Rules which were also displayed in Science Fair at Kamatibagh.

##### Field Work in Rural Areas :

Under the Rural Field experience course, the post graduate students of the Department were placed in adopted villages of the department Sonarkui. Students formed Three Self-Help Groups consisting of about 36 women and handed over it to the DRDA for further action programs.

Various activities were conducted with three Self Help Groups viz, Cleanliness, Personal Health Hygiene using participatory and innovative methods.

Under the regular field work program, 22 students were placed in three local NGOs of Vadodara viz, Deepak Charitable Trust, Svadesh and Bhasha, for 15 days. They got direct experiences of working with different groups like tribal women, school children, anaganwadi children and NGOs representatives.

The striking feature of this years' rural program was on documenting video CD on "Nirmal Gram Purshkrut Village" of Gujarat by Rural team of the Department who was approached by District Rural Development Agency.

#### Department of Human Development and Family Studies

The Department of Human Development and Family Studies conducts its outreach program through Student fieldwork, Consultation activities and Applied units of the Department with a two-fold perspective of building student capacities for the profession and a medium to reach out to the community. It expanded its outreach to prepare student to work with children, children with special needs, adolescents, women, older persons and families in different settings. Some initiatives are:

Revitalized earlier programmes such as Jalaram Seva Samaj Trust Vriddhashram (Institution for elderly) and liaison with corporate sector, The Larson and Toubro – CSR unit to improve visibility and employment opportunity. All this culminated into a meaningful exchange of experiences and learnings.

Initiated Life skills programme for adolescents of deprived setting at Don Bosco Snehalaya, Vadodara.

In the community settings and through applied centre, students organized activities for children, children with special needs, adolescents, women and older persons. They offered developmentally appropriate individualized programme to children in ICDS aanganwadi, Chetan Balwadi, K.G.P. Hospital and Non Government organization of Balaji Trust. On different occasions, students also participated in street plays and skits in the community to pass on socially relevant messages like the protection from HIV/AIDS, consumer awareness, importance of breast feeding and principles of child development. For women the major themes included sexual harassment at work place, property rights of women, nutrition during pregnancy and lactation, and importance of nutrition during childhood. A variety of strategies like street plays, puppet shows and group discussions were used to extend information regarding the same.

Group and individual need based stimulation programme across the developmental domains were also offered to children with special needs through ARPAN, a local diagnostic centre for children with physical and mentally handicapped ness and Play centre for children with special needs of the department.

The program for adolescent boys and girls catered to urban slum communities of Baroda city. The program was in collaboration with SAHAJ a non-government organization working with women and adolescents in Baroda. It focused at providing life skills education to the adolescents through participatory activities. The major components covered were self-concept and development, health and hygiene, reproductive health, concept of gender, HIV/AIDS and related topics along with vocational activities.

### Department of Home Management

As a community outreach programme at department level, the post graduate students extended their services at "Aanganwadi" Laxmipura, Baroda whereby creative activities like making paper puppets, vegetable painting, paper crafts etc. were carried out with the aim of skill enhancement for children aged 3-5 years.

The P.G. students visited the "Boys Remand Home" Bhoothdizapa, Baroda where by the inmates belonging to the age group of 5-15 years of age were taught to make bamboo photo frames, bamboo stick, toys, beads, bracelet, key chain with the objective of skill enhancement & teaching income generation activity.

Two of the staff members had visited the "Community Science Centre, Baroda where by they delivered lectures for homemakers belonging to low income group on "First Aid" and "Environment Education" followed by a live puppet show and "Bhawai" by the students.

A lecture was delivered by a staff member on "Home Decoration" under welfare activity of Asea Brown Boveri on 26.10.2007

### Women Studies Research Centre

WSRC coordinated a Gender sensitization programme for police personnel of 'chowkis' (police stations) of Vadodara city in collaboration with other faculties such as law, psychology, social work, Dept. of HDFS (Faculty of Family and Community Sciences) and select NGO's of Baroda.

This was a week long programme from March 31 to April 7, 2007. A meeting was held in Police Bhavan on 31<sup>st</sup> March with representatives of all concerned faculties and NGOs and top police Officers to discuss the issue and importance of Gender sensitization. The meeting was chaired by the Police commissioner himself. A brainstorming session was later held in WSRC on 2<sup>nd</sup> April to plan the contents of the seminar in Police Bhavan. The seminar which was held on the 4<sup>th</sup> April was attended by police personnel of all the police stations of Vadodara city. In the seminar the insensitive behavior of the police force was highlighted through skits prepared by the NGOs. This was followed by a discussion on the Domestic Violence Act -2005. In the following days demonstrations in gender sensitive behaviour were given by the NGOs in police chowkis and finally a seminar was held in Gandhinagar Gruh on Legal Rights of women. The seminar in Gandhinagar Gruh was open to all.

## 16. ACHIEVEMENTS/HONOURS/AWARDS

### (A) TEACHING STAFF

Name	State/National/International	Nature of Achievement
<b>Department of Clothing and Textile</b>		
Karolia, A.	National	Awarded Bharat Jyoti Award by India International Friendship Society, New Delhi, 2008 for outstanding performance and meritorious service in education

## The Maharaja Sayajirao University of Baroda

---

### Department of Foods and Nutrition

Nambiar V. National Senior Young Scientist Award in Community Nutrition from Nutrition Society of India – 2007, Hyderabad

### Department of Human Development and Family Studies

Sriram R. National Shiksha Ratan Puraskar by the India International Friendship Society, New Delhi, for meritorious performance and remarkable role in the field of education

Sharma D. International Gift of Time Faculty – Presenter Conference Grant for attending and presenting a paper at 33rd conference of the Association of Moral Education, New York, USA from November 15 -17, 2007

### (C) STUDENTS

Name	State/National/International	Nature of Achievement
<b>Department of Foods and Nutrition</b>		
Indrani Biswas	National	Best Poster in the area of Foods and Nutrition presentation at 27th Biennial conference on HSAI on "Expanding Horizons for Professionals in Family and Community Science", December 27 – 29, 2007, Jabalpur
Ruchi Vaidya	National	1st prize in the Poster presentation at third International Conference on "Fermented Foods, Health Status and Social Wellbeing" by SANSET – Anand 2007
Kejal Joshi	National	NSI - special awards - 2007, Nutrition Health Education - a community perspective

## 9. Faculty of Journalism & Communication

### 1. INTRODUCTION

The Faculty was established in 1992 and launched a two year Master of Communication Studies programme in 1997, replacing the then existing one year Bachelor's programme. The Faculty runs a two-year MCS programme during which it familiarizes the students with communication theories, intricacies of media-society relations, basic cultural and contemporary media issues. The Faculty also strives to provide intensive theoretical instructions and practical training in journalism and allied areas. With a thorough grounding in theory, research and intensive practical training in different media, the students have a wide range of avenues open to them.

### 2. BOARDS OF STUDIES

Sr. No.	Name of the Board of Studies
1.	Journalism & Communication

### 3. (B) PROJECTS CONTINUED FROM PREVIOUS YEAR

Sr. No.	Name(s)	Title	Date of award	Funding Agency	Grant in Rupees(Lakhs)
1	Chopra N.A.	Global Understanding – virtual class room project with East Carolina University, USA.	October 2005		

### 4. (C) PUBLISHED ARTICLES/PAPERS IN JOURNAL(S) / EDITED VOLUMES

Sr. No.	Author(s)/	Title	Name of the Journal, Volume Number, Page Numbers, Month and Year
1	Chopra, N.A. (Co-author)	Talk shows as a genre of communication	Communication Today, Jaipur, Vol.11, No.1, pp. 18-26, January-March, 2008

### 6. TALKS OF ACADEMIC NATURE IN PROFESSIONAL PROGRAMMES

Sr. No.	Name(s)	Nature of Professional programmes	Title	Participated as
1	Tewari, S.K.	Academic talks at the Department of Communication Management and Technology, Guru Jambheshwar University, Hisar, Haryana, February 25, 2008	Job Opportunities in Media Importance of Writing Reference in Doctoral Dissertations	Invited speaker
2	Chopra, N.A	Seminar hosted by the Centre for Development Communication, Gujarat University, December 30, 2007	Development Communication Education, Future Scenario	Panelist/Resource Person

### 7. CONTRIBUTION IN CONDUCTING PROFESSIONAL/ACADEMIC PROGRAMMES

Sr.No.	Name	Programme(s), Place and Date(s)	Participated as
1	Tewari, S.K.	Workshop, New Delhi, October 29 -November 2, 2007	Panel Member

### 11. IMPORTANT EVENTS/ACTIVITIES OF THE FACULTY / UNIT

Description of the Event	Date, Time and Place
Scripting, audio composition, recording, visualization & shooting-editing of the Faculty Song preview.	January 7, 2008, Faculty of Journalism and Communication, M.S.U.

## The Maharaja Sayajirao University of Baroda

---

Photojournalism workshop conducted by Mr. Sadiq Saiyed.

March 17, 2008, Faculty of Journalism and Communication, M.S.U.

Contemporary theatre/Folk Media presentation on different social themes.

March 29, 2008 at Hotel Presidency, Vadodara and Faculty of Social Work, M.S.U.

Release of Students lab Journal "Itivrut"

March 29, 2008 at Hotel Presidency, Vadodara.

### 14. DISTINGUISHED VISITORS AT DEPARTMENTS/FACULTY

Sr. No.	Name with Full address	Designation	Date(s) of Visit	Purpose
1	Dr. David P. Ulsiphered University of Utah, USA	Associate Professor	February 13, 2008	Lecture on Depiction of Violence in American Cowboy Movies
2	Ms. Ame Maligner, Paris, France	Freelance Photographer	February 15, 2008	Lecture on Contemporary trends in photography for newspapers

## 10. Faculty of Law

### 1. INTRODUCTION

Initially there few major Faculties were established at the M.S. University but Faculty of Law was not one of them. Teaching of Law was part of the curriculum in the Faculty of Arts from 1957-58 and degree of B.A. (with Law as subsidiary subject) was awarded. The Faculty of Law was established in the year 1961 with Department of Law. It was in fact a modest beginning with few students in borrowed premises viz, in the Faculty of Arts. Prof. H.C.Dholakia was the Founder Dean and Head of the Department of Law. He successfully navigated the Law Faculty during the rough weather and eventful times up to May 1989, till the time of his retirement.

### 2. BOARDS OF STUDIES

Sr. No.	Name of the Board of Studies
---------	------------------------------

1.	Law
----	-----

### 5. (B) PAPERS PRESENTED AT NATIONAL / STATE LEVEL SEMINARS / CONFERENCES

Sr. No.	Author( s)	Theme, Organizing Body, Place and Date of Seminar / Conference	Title of the Paper
1.	Solanki, N.J.	Indian Constitutional & Human Rights organized by Radhewala Arts, Commerce & Science college, Baroda, January 5, 2008	International Convantes in Labourers' Human Rights in impact in india

### 11. IMPORTANT EVENTS / ACTIVITIES OF THE FACULTY / UNIT

Description of the Event	Date, Time & Place
National Moot Court Competition	Oct 2007

### 14. DISTINGUISHED VISITORS AT DEPARTMENTS / FACULTY

S.No.	Name with Full Address	Designation	Date(s) of Visit	Purpose
1.	Hon'ble Justice Shri Mohit Shah Judges Bungalow, Sola Road, Ahmedabad	Judge, High Court of Gujarat	Oct 2007	Judge, National Moot Court Competition
2.	Hon'ble Justice Shri D.N.Patel Judges Bungalow, Sola Road, Ahmedabad	Judge, High Court of Gujarat	Oct 2007	Judge, National Moot Court Competition

# 11. Shri Maganbhai Shankarbai Patel Institute of Management Studies (Faculty of Management Studies)

## 1. INTRODUCTION

The Faculty of Management Studies was established in July, 1984 to make a distinct contribution to management education and research. In the decade that followed (1984-1994), through its two year MBA Programme gained a reputation as a premier management education centre. During 1995, the Faculty, with the approval of AICTE, increased the intake from 30 to 40 and started a Three Year MBA Evening Programme in January 1997 which is well received by the business and industry. Faculty has strong relationship with business and industries in and around Baroda for consultancy, training and placement. Besides, the Faculty has a strong placement programme and in the year gone by the highest compensation was of the order of Rs. 8.50 lacs per annum.

Our students, as a part of our industry-institute interface, attended various programmes and seminars such as-

- Confluence 2007 (Theme – **India: Towards Economic Leadership**) organized at IIM Ahmedabad's Annual International Management Summit.
- Students also had enthusiastically participated in the 26<sup>th</sup> Annual National Conference "NatCon08" on the theme '**Towards Cutting Edge Organization – HR issues and Challenges**' held at Vadodara by National Institute of Personnel Management (NIPM), organized by ONGC.
- Our one of the student, presented a summer project in State level Summer Project Competition organized by Department of MBA, Ganpat Vidyanagar, A Deemed University, Kherva, Mehsana.
- Our students also participated in the Annual event of Baroda Management Association. Also they participated in Youth Festival'07 of our university and bagged prizes in various events.

Some of the leading corporates who visited for the campus recruitment were: Future First, TCS, Adani, A.C. Neilson, Feedback Venture, Bank of Baroda and Kotak Bank, Kotak Securities, Aditya-Birla Group, Mehta Patners, Reliance Money, Reliance Communications, SMC Investment Solutions, Arvind Mills, Bajaj Alianze, Vodaphone.

Other highlights of the faculty are

- Choice of the top 50 students of GCET
- Blend of professional and academic faculty
- High institute – industry interface
- 100% placement

## 2. BOARDS OF STUDIES

Sr. No.	Name of the Board of Studies
1.	Management Studies

## 4. (C) PUBLISHED ARTICLES / PAPERS IN JOURNAL(S) / EDITED VOLUMES

Sr. No.	Author(s)	Title	Name of Journal, Volume Number, Page Numbers and Month and Year
1	Jadeja, J.D., Banerjee, Tanushree, A.	Customer Response Towards Online Banking Efforts of Customer Relationship Management by Public Sector Banks in India	In Book: Enhancing Enterprise Competitiveness- Marketing People, IT and Entrepreneurship, Nirma Institute of Management, January 2007
2	Sundararajan, S.	Innovations in Infrastructure Financing	Abhivyakti: The Journal of Railway Staff College, Vol. 18, No. 1, pp. 18-21, January-June 2007
		Why Isn't Water Precious?	Synergy: Journal of Management, Vol. 9, No. 2, pp. 11-16, July-December 2007

## 5. (A) PAPERS PRESENTED AT INTERNATIONAL SEMINARS / CONFERENCES

Sr. No.	Author(s)	Theme, Organizing Body, Place and Date of Seminar / Conference	Title of the Paper
1.	Jadeja, J. D., Banerjee, Tanushree, A.	International Conference on 'Changing Marketing Paradigms', I.I.M., Ahmedabad, January 3-5, 2007	An Exploration of Differential Customer Response to Technology Based Customer Relationship Management: Application Across a Taxonomy of Banks in India
2.	Jadeja, J. D., Bhardwaj, P.	Association of Indian Management Scholars, International Conference organized at IBS Hyderabad, December 27-31, 2007	Health Care Services in India: A Strategic Perspective
		International Conference on 'Commerce', Osmania University, Hyderabad, December 27-31, 2007	Indian Food Retailing: A Strategic Global Perspective
3.	Sharma, S. U.	International Conference on – 'Challenges in Organizing and Managing in Rapidly Emerging Economies: Learning to Organize in the Global World', organized by MDI, Gurgaon and Asia-Pacific Researchers in Organization Studies (APROS), at MDI, Gurgaon, India, December 9-12, 2007	Role of HRM: Changing Paradigm to Combat Changing Realities
		International Conference on – 'Challenges in Organizing and Managing in Rapidly Emerging Economies: Learning to Organize in the Global World', organized by MDI, Gurgaon and Asia-Pacific Researchers in Organization Studies (APROS), at MDI, Gurgaon, India, December 9-12, 2007	Role of Nominee Directors in Corporate Governance

## 5. (B) PAPERS PRESENTED AT NATIONAL / STATE LEVEL SEMINARS / CONFERENCES

Sr. No.	Author(s)	Theme, Organizing Body, Place and Date of Seminar / Conference	Title of the Paper
1.	Maheshwari, G. C.	"Corporate Financial Reporting in India", Vallabh Vidya Nagar, Department of Commerce, Sardar Patel University, January 29 – 30, 2008	Corporate Reporting: Research in Accounting
		"Special Economic Zone: Issues and Challenges"; Faculty of Social Work, The M. S. University of Baroda, February 5 – 6, 2008	Problems in Land Acquisition: Managerial Response
2.	Sharma, S. U.	National Seminar on " Corporate Governance Practices in India" under UGC – ASIHSS Programme organized by and at Department of Commerce & Management Studies, Andhra University, Visakhapatnam (A.P.) , August 1-2, 2007	The Board and the Independent Director: An Inquiry into Independence Characteristics
3.	Sharma, S. U, Chaudhari H. and others	National Seminar on 'Managing Global Competitiveness : India and Canada Perspectives', organized by Centre for Canadian Studies and Dept of Commerce Incl. B.A., The M. S. University of Baroda, January 17-19, 2008	Change in Labour Economics to Sustain Global Competitiveness of Business: India-Canada Partnership

## The Maharaja Sayajirao University of Baroda

### 6. TALKS OF ACADEMIC NATURE IN PROFESSIONAL PROGRAMMES

Sr. No.	Name (s)	Nature of Professional Programmes	Title	Participated as
1.	Maheshwari, G. C.	Panel Discussion: Natcon 08 ' Towards Cutting Edge Organizations: HR Issues & Challenges', February 7, 2008	Industry Academia Interface – Linking Management Education and Industry	Discussant

### 7. CONTRIBUTION IN CONDUCTING PROFESSIONAL / ACADEMIC PROGRAMMES

Sr. No.	Name (S)	Programme (s), Place and Date (s)	Participated as
1.	Sundararajan, S.	Financial Derivatives, Commodities and Risk Management, MBA programme, S.P. Jain Institute of Management & Research, Mumbai, August 7-8 , 2007	Visiting Faculty
		Swaps and Management of Interest-rate risk, MBA programme, Narmada College of Management, Bharuch, November 5-6, 2007	Visiting Faculty
		Security Analysis and Portfolio Management, Post-graduate Programme in Management, Great Lakes Institute of Management, Chennai, January 5-12, 2008	Visiting Faculty
		Infrastructure Financing, Management Development Programme, Railway Staff College, Vadodara, August 29, 2007	Guest speaker
		Infrastructure Financing and Capital Markets, Advanced Financial Management Programme, Railway Staff College, Vadodara, October 3-4, 2007	Guest speaker
		Infrastructure Financing, Management Development Programme, Railway Staff College, Vadodara, October 5 , 2007	Guest speaker
		Infrastructure Financing, Management Development Programme, Railway Staff College, Vadodara, October 31 , 2007	Guest speaker
		Risk Management and Investment / Funding Strategies for Railways, Advanced Management Programme for Senior Railway Officers at the Railway Staff College, Vadodara, November 30, 2007	Guest speaker
		Infrastructure Financing, Advanced Management Programme at the Railway Staff College, Vadodara, January 29, 2008	Guest speaker
		Resource Mobilization in International Markets, 7 <sup>th</sup> training course under the Bay of Bengal Initiative for Multisectoral, Technical and Economic Co-operation, Railway Staff College, Vadodara, February 14, 2008	Guest speaker
		Infrastructure Financing, Management Development Programme, Railway Staff College, Vadodara, March 11 , 2008	Guest speaker
		Infrastructure Financing, Management Development Programme, Railway Staff College, Vadodara, March 25 , 2008	Guest speaker

### 8. PARTICIPATION IN ACADEMIC BODIES OF OTHER UNIVERSITIES

Sr. No.	Name (s)	Academic body of Universities/ Institution and place	Participated as
1.	Jadeja, J. D.	Board of Studies (Commerce Including Business Administration), Veer Narmad South Gujarat University, Surat	Member
2.	Sundararajan, S.	Board of Studies, MBA (Capital Markets Programme), Narsee Monjee Institute of Management Studies, Mumbai	Member

**10. STATE / NATIONAL / INTERNATIONAL AWARDS AND DISTINCTION OF ACADEMIC NATURE**

Sr. No.	Name (s) of Recipient(s)	Description of Award	Contribution made by the Recipient
1.	Maheshwari G.C.	Fellowship of Indian Accounting Association	For contribution to accounting education and research

**14. DISTINGUISHED VISITORS AT DEPARTMENTS / FACULTY**

S.No.	Name with Full Address	Designation	Date(s) of Visit	Purpose
1.	Dr. Vinay Deshpande Krannert School of Management Purdue University (USA)	Asso. Professor	16-01-2008	Student -Industry Interaction (Operations & Supply Chain Management)
2.	Prof. B.Sahay Inst. of Mgmt. Tech. Gazhiabad	Director	07-02-2008	Student -Industry Interaction (Supply Chain Management)
3.	Prof. S.P.Parashar IIM, Indore	Director	08-02-2008	Student -Industry Interaction (Financial Markets)

## 12A. Faculty of Medicine

### 1. INTRODUCTION

#### **DEPARTMENT OF ANAESTHESIOLOGY**

Department of Anaesthesiology at S.S.G. Baroda is equipped with all the new Anaesthesia techniques, monitors and molecules used all over the world. Eleven presentation and one publication by various staff members were done at State and National level Conferences and awards to staff members and four P.G. Students bagged by them at such events. Lectures were delivered by H.O.D. at state and national conferences. Our department is fully equipped with recent technological devises for teaching U.G. & P.G. Students and it includes training on mannequins for CPR and intubations. We examine U.G. & P.G. Students for subjective as well as objective methods i.e. MCQ.

#### **DEPARTMENT OF PSYCHIATRY**

The psychiatry department engages in U.G. & P.G. (MD psychiatry) teaching, is an MCI recognized department, caters to OPD and indoor patients not only from Baroda district but also from other districts of Gujarat, as well as from M.P. and Rajasthan.

Runs special clinics like adolescent friendly clinic, vatsyayana Sex and AIDS counseling, child guidance clinic, mauritan central jail visit for prisoner, patient, is on panel for mental hospital, Baroda policies and engages in disability and multidisciplinary camps, runs a deaddiction centre. The department is aided with central government grant of Rs. 50,000,00 under auspices of national mental health programme.

#### **DEPARTMENT OF SKIN & V.D**

Department of Skin & V.D. Medical college, Vadodara plays a pivotal role in promoting National AIDS Control Programme at local level. Department is fully equipped with recent instruments to train students and treat patients.

### 2. BOARDS OF STUDIES

Sr. No.	Name of the Board of Studies	Sr. No.	Name of the Board of Studies
1.	Anatomy, Physiology and Bio-Chemistry	4.	Surgery and Allied Branches
2.	Medicine and Allied Branches	5.	Obstetrics, Gynecology and Pediatrics
3.	Pathology, Microbiology, Pharmacology and Forensic Medicine.	6.	Physiotherapy

### 3. (A) RESEARCH PROJECTS AWARDED BY OUTSIDE FUNDING AGENCY

Sr. No.	Name (s)	Title	Funding Agency	Grant in Rupees
<b>Department of Skin &amp; V.D.</b>				
1	Marfatia, Y.S	AIDS International Training and Research Programme (AITRP)	National Institute of Health – NIH, USA FOGARTY Beneficiary– Medical College Baroda. Grantee – University of South Florida, USA.	
<b>Department of Psychiatry</b>				
1	Distress & Suicide prevention for medical students (DASH)	Same	Government of Gujarat	8000/- monthly pay to counselor & stationery expenses and T.A./D.A.

## 4. (A) BOOKS &amp; EDITED VOLUMES PUBLISHED

Sr. No.	Author(s)/ Editor(s)	Title	Name of Publisher, year and, Place of Publication
<b>Department of Skin &amp; V.D.</b>			
1.	Marfatia, Y. S.	Indian Journal of Sexually Transmitted Diseases (Vol.28, Issue 1 & 2)	Medknow Publications 2007 & 2008, Mumbai
2.	Marfatia, Y.S., Sharma, A. , Joshi, S.	Overview of sexually transmitted Diseases	Bhalani Publishing House, Mumbai, 3 <sup>rd</sup> ed, 2008 Mumbai

## (B) MONOGRAPHS

Sr. No.	Author(s)/ Editor(s)	Title	Name of Publisher, year and, Place of Publication
<b>Department of Orthopaedic</b>			
1	Daveshwar, R.N.	Technique for free hand posterior to anterior distal locking in interlocking humerus nail (techniques in orthopedics 2008	Lippincott, Williams & Wilkins published 2008 New York

## (C) PUBLISHED ARTICLES /PAPERS IN JOURNAL(S) / EDITED VOLUMES

Sr. No.	Author(s)	Title	Name of Journal, Volume Number, Page Numbers, Month and Year
<b>Department of Skin &amp; V.D.</b>			
1.	Marfatia, Y.S., Sharma, A., Modi, M.	Overview of HIV/AIDS in India	IJSTD, Vol.28 (1), pp. 1-5, June 2007
2.	Sharma, A., Chaudhary, D., Modi, M., Mistry, D., Marfatia, Y.S.	Noninfectious cutaneous manifestations of HIV/AIDS	IJSTD, Vol.28 (1), pp. 19-22, June 2007
3.	Sharma, A., Modi, M., Sharma, A., Marfatia, Y.S.	Stavudine Vs. Zidovudine as ART	IJSTD, Vol.28 (1), pp. 26-29, June 2007
4.	Sharma, A., Marfatia, Y.S., Ghiya, R.	Post – Exposure prophylaxis for HIV	IJSTD, Vol.28 (2), pp. 61-68, Dec 2007
5.	Sharma, A., Modi, M., Sharma, A., Marfatia, Y.S.	Cutaneous eruptions associated with NVP therapy in AIDS cases	IJSTD, Vol.28 (2), pp. 94-96, Dec. 2007
6.	Patel, R. M. Marfatia, Y.S.	Clinical study of cutaneous eruptions in 200 patients NET study – 2	Indian Journal of Dermatology, Venereology and Leprosy 2008, 74/80, Vol. 74/issue 1/Jan. Feb. 2008
<b>Department of Anesthesiology</b>			
1.	Dhimar, A. A. Patel, M., G. Swadia, V.N.	Tramadol for control of Shivering (comparison with pethidine)	Indian Journal of Anesthesia (IJA) 51(1): 28-31, 2007

**Department of Orthopedics**

- |    |                 |   |  |
|----|-----------------|---|--|
| 1. | Daveshwar, R.N. | Diabetic foot   | Current Medical Journal of India Vol. XIII, No.2<br>May 2007           |
|    |                 | Enders Nail or Interlock<br>nail for Tibial Fractures | Journal of Bone & Joint Surgery, Vol. 90(B),<br>issue Suppl. 334, 2008 |

**Department of Psychiatry**

- |    |          |                        |  |
|----|----------|------------------------|--|
| 1. | Shah, H. | Aripiprazole In autism | Archives of Indian Psychiatry West Zone, Indian<br>Psychiatry Society, Oct. 2007 |
|----|----------|------------------------|--|

**5. (A) PAPERS PRESENTED AT NATIONAL / STATE LEVEL SEMINARS/CONFERENCES**

Sr. No.	Author( s)	Theme, Organizing Body, Place and Date of Seminar / Conference	Title of the Paper
---------	------------	--	--------------------

**Department of Skin & V. D.**

- |   |                 |  |  |
|---|-----------------|--|--|
| 1 | Marfatia, Y.S., | HIV Congress 2008,<br>AIDS Society of India,<br>Mumbai, March 2008 | HIV – TB Co-infection : A Study of 246 Cases |
|---|-----------------|--|--|

**(B) PAPERS PRESENTED AT NATIONAL / STATE LEVEL SEMINARS / CONFERENCES**

Sr. No.	Author(s)/	Theme, Organizing Body, Place & Date of Seminar/Conference	Title of Paper
---------	------------	--	----------------

**Department of Anesthesiology**

- |    |   |   |  |
|----|---|---|--|
| 1. | Prajapati, K.,<br>Upadhyay, M.R.,<br>Swadia, V.N. | National Conference organized<br>by Gujarat State Branch of Indian<br>Society of Anaesthesiologist<br>(GISACON) at Rajkot, 2007 | Comparison of Bupivacaine 0.5% with<br>Bupivacaine 0.5% + Sufentanil in Spinal<br>Anaesthesia for Gynaecological Surgeries.<br>(A study of 60 cases)   |
| 2. | Saya, R., Patel, M.,<br>Swadia, V.N.              | National Conference organized<br>by Gujarat State Branch of Indian<br>Society of Anaesthesiologist<br>(GISACON) at Rajkot, 2007 | Insertion of Proseal LMA (Study for<br>comparison of Propofol and Sevoflurane)   |
| 3. | Saboo, A.,<br>Desai, D.,<br>Swadia, V.N.          | National Conference organized<br>by Gujarat State Branch of Indian<br>Society of Anaesthesiologist<br>(GISACON) at Rajkot, 2007 | Oral Clonidine in Children : Efficacy as<br>Premedication and Postoperative Recovery<br>compared in two different doses – 3 mcg/kg<br>and 4 mcg/kg.  |
| 4. | Lashkari, K.,<br>Bhatt, S.,<br>Swadia, V.N.       | National Conference organized<br>by Gujarat State Branch of Indian<br>Society of Anaesthesiologist<br>(GISACON) at Rajkot, 2007 | Prophylactic administration of Inj. Ephedrine<br>hydrochloride for prevention of hypotension<br>due to spinal anesthesia; comparison between<br>two different doses 0.25mg/kg. and 0.50 mg/<br>kg. and control group |
| 5. | Dongra, N.,<br>Lalchandani, K.,<br>Swadia, V.N.   | National Conference organized<br>by Gujarat State Branch of Indian<br>Society of Anaesthesiologist<br>(GISACON) at Rajkot, 2007 | Unilateral intercostals nerve block for<br>postoperative analgesia following thoracic and<br>upper abdominal surgeries   |
| 6. | Jain, N.,<br>Patel, D.,<br>Swadia, V.N.           | National Conference organized<br>by Gujarat State Branch of Indian<br>Society of Anaesthesiologist<br>(GISACON) at Rajkot, 2007 | Rectal diclofenac sodium vs Intramuscular<br>diclofenac sodium for perioperative analgesia<br>in paediatric patients   |

- |     |   |   |   |
|-----|---|---|---|
| 7.  | Chavda, A.,<br>Golwala, M.P.,<br>Swadia, V.N.                   | National Conference organized by Gujarat State Branch of Indian Society of Anaesthesiologist (GISACON) at Rajkot, 2007        | Comparison of oral clonidine and intravenous esmolol for attenuation of stress response to laryngoscopy and intubation in middle ear surgery. (A study of 50 cases)                                       |
| 8.  | Shridhar, Prajapati, H.,<br>Upadhyay, M.R.,<br>Swadia, V.N.,    | National Conference organized by Gujarat State Branch of Indian Society of Anaesthesiologist (GISACON) at Rajkot, 2007        | Subarachnoid block with 2% Isobaric Xylocaine: A comparison with 5% hyperbaric Xylocaine  |
| 9.  | Bhupendra,<br>Bhatt, S.,<br>Dhimar, A.,<br>Swadia, V.N.         | National Conference organized by Gujarat State Branch of Indian Society of Anaesthesiologist (GISACON) at Rajkot, 2007        | Anaesthetic management of total hip replacement in a patient with Takayasu's arteritis with subclavian steal syndrome with hypertension with aortic regurgitation. (A Case Report)                        |
| 10. | Modh, D.,<br>Patel, M.,<br>Swadia, V.N.,                        | National Conference organized by Gujarat State Branch of Indian Society of Anaesthesiologist (GISACON) at Rajkot, 2007        | Anaesthetic management of ventricular tachycardia in a patient with diffuse toxic goiter  |
| 11. | Lalchandani, K.,<br>Garvit, K.,<br>Dongra, N.,<br>Swadia, V.N., | National Conference organized by Gujarat State Branch of Indian Society of Anaesthesiologist (GISACON) at Rajkot, 2007        | Maintenance anaesthesia with Sevoflurane in a case of brachial plexus injury  |
| 12. | Prajapati, K.,<br>Upadhyay, M.R.,<br>Swadia, V.N.,              | National Conference organized by Gujarat State Branch of Indian Society of Anaesthesiologist (GISACON) at Vishakhapatnam 2007 | Comparison of bupivacaine 0.5% with bupivacaine 0.5% + surfentanil in spinal anaesthesia for Gynaecological surgeries. (A study of 60 cases)  |
| 13. | Saya, R.,<br>Patel, M.,<br>Swadia, V.N.,                        | National Conference organized by Gujarat State Branch of Indian Society of Anaesthesiologist (GISACON) at Vishakhapatnam 2007 | Insertion of Proseal LMA (Study for comparison of propofol and sevoflurane.)  |
| 14. | Sahoo, A.,<br>Desai, D.,<br>Swadia, V.N.,                       | National Conference organized by Gujarat State Branch of Indian Society of Anaesthesiologist (GISACON) at Vishakhapatnam 2007 | Oral Clonidine in children : Efficacy as premedication and postoperative recovery compared in two different doses-3 mcg/kg and 4 mcg/kg   |
| 15. | Lashkari, K.,<br>Bhatt, S.,<br>Swadia, V.N.,                    | National Conference organized by Gujarat State Branch of Indian Society of Anaesthesiologist (GISACON) at Vishakhapatnam 2007 | Prophylactic administration of Inj. Ephedrine hydrochloride for prevention of hypotension due to spinal anesthesia; comparison between two different doses 0.25 mg/kg. and 0.50 mg./kg. and control group |
| 16. | Shridhar,<br>Prajapati, H.,<br>Upadhyay, M.R.,<br>Swadia, V.N., | National Conference organized by Gujarat State Branch of Indian Society of Anaesthesiologist (GISACON) at Vishakhapatnam 2007 | Subarachnoid block with 2% Isobaric Xylocaine: A comparison with 5% hyperbaric Xylocaine  |
| 17. | Modh, D.,<br>Patel, M.,<br>Swadia, V.N.,                        | National Conference organized by Gujarat State Branch of Indian Society of Anaesthesiologist (GISACON) at Vishakhapatnam 2007 | Anaesthetic management of ventricular tachycardia in a patient with diffuse toxic goiter  |
| 18. | Bhupendra,<br>Bhatt, S.,<br>Dhimar, A.,<br>Swadia, V.N.,        | National Conference organized by Gujarat State Branch of Indian Society of Anaesthesiologist (GISACON) at Vishakhapatnam 2007 | Anaesthetic management of total hip replacement in a patient with Takayasu's arteritis with subclavian steal syndrome with hypertension with aortic regurgitation. (A Case Report)                        |

## The Maharaja Sayajirao University of Baroda

19. Desai, D.,  
Upadhyay, M.R.,  
Swadia, V.N., National Conference organized by Gujarat State Branch of Indian Society of Anaesthesiologist (GISACON) at Visakhapatnam 2007 CSEA with intrathecal Tramadol for painless labour

### Department of Physiology

1. Kathrotia, R.G.,  
Dave, A.G.,  
Oommen, E.R. National Seminar on Childhood Obesity : Issues, Concerns, and Management at Mumbai, SNDT University 2007 Sleeping late & sleeping less affects BMI in adolescent boys & girls
2. Kathrotia, R.G.,  
Paralikar, S.J.,  
Oommen, E.R.,  
Jani, M.B., National Conference of APPI at Vishakhapatnam 2007 Impact of body mass index on left ventricular structures and function

### Department of Orthopedics

1. Daveshwar, R.N. Baroda Orthopedic Association Meet September 7, 2008 Non – locking Tibia plating in upper third Tibia fracture
- Gujarat Orthopedic Association Annual Conference Feb. 2008 Solid undreamed Tibia interlock nailing in open grade fracture of Tibia - Fibula
2. Jesalpura, J. Gujarat Orthopedic Association Annual Conference Feb. 2008 Solid undreamed Tibia interlock nailing in open grade fracture of Tibia - Fibula

## 6. TALKS OF ACADEMIC NATURE IN PROFESSIONAL PROGRAMMES

Sr. No.	Name (s)	Nature of Professional Programmes	Title	Participated as
<b>Department of Anesthesiology</b>				
1.	Swadia, V.N., Gelwala, M.P. Upadhyay, M.R. Vasava, J.C. Patel, M.G.	Training of Medical Officers in "Life saving anasthisia skills in emergency obstetric care" under RCH II programme of SIHFW		Dr. Mrs. V.N. Swadia as Co-ordinator & Teacher, Others as Teachers.
<b>Department of Anatomy</b>				
1.	Nagar, S.K. Pargi, G. Rajani, S. Gupta, S. Khatri, C.	Anatomical Society of India, Gujarat Chapter, CME conference at NHL Municipal Medical College, Ahmedabad. February 23 & 24, 2008	CME – Histological techniques	Delegates
<b>Department of Skin &amp; V. D.</b>				
1.	Marfatia, Y.S	National Conference of IASSTD & AIDS (ASTICON) 2007 Rohtak	Current Issues in Antiretroviral Therapy	Guest speakers
		National Conference of IADVL (DERMACON) 2008 Chandigarh	HIV/AIDS in India, Current Issues and Challenges	Guest speakers
2.	Patel, R.M.	ICTC Counselor Training by NACO October 15-26, 2007	STI & Condom Promotion	Academic talk & slide show, practical demonstration, discussion

3.	Thakkar, S.H	ICTC counselor training by NACO October 15-26, 2007	Clinical Risk Assessment and Pre Test Counseling	Academic talk, slide show & discussion
		Training for Hospital Acquired Infection Control	Hospital Acquire Infection Control	Academic talk & practical orientation to control HAI
4.	Sharma, A.	ICTC Counselor Training by NACO, October 15-26, 2007	Counseling ART	Academic talk, slide show & discussion

**Department of Physiology**

1.	Oommen, E.R., Jani, M.B., Patel, R.K., Pandya, K.D., Joshi, A.N., Shah, S.J., Pathak, N.R.	State conference of APPI 2007 CME, October, 2007	Invocation in Medical Education Pathophysiology of Pain & Pain Management	Delegates
----	--	---	--	-----------

**Department of Orthopedics**

1.	Daveshwar, R.N.	CME Meet Civil Hospital Ahmedabad September 26, 2008	Update in RNTCP (Revised national Tuberculosis control programme)	Delegates
2.	Mathur, H.H.	AO Prebasic Workshop	Internal fixation of fractures different forms and functions of plates	Faculty
3.	Jesalpura, J.P.	Annual Conference of Indian Arthroscopy Society, Manipal, October, 2007	Workshop on knee arthroscopy and conference	Delegate

**Department of Pharmacology**

1.	Trivedi, N.A.	CME Organized by Indian Orthopedics Society, Baroda Branch	Role of MECOBALAMINE in Neuropathic Pain	Speaker
----	---------------	--	--	---------

**7. CONTRIBUTION IN CONDUCTING PROFESSIONAL / ACADEMIC PROGRAMMES**

Sr. No.	Name (S)	Programme (s), Place and Date (s)	Participated as
<b>Department of Skin &amp; V.D</b>			
1.	Marfatia, Y.S	Indo US Workshop on Adolescent HIV/AIDS Research Training, Vadodara 2008.	Chairperson, Organizing Committee Speaker
<b>Department of Anesthesiology</b>			
1	Swadia, V.N.	40 <sup>th</sup> Annual Conference – GISACON, Rajkot, 2007	As a Judge in Free Paper Session
		40 <sup>th</sup> Annual Conference – GISACON, Rajkot, 2007	As a Member of Committee for Regulation of Scientific Session in a Conference

## The Maharaja Sayajirao University of Baroda

2	Vasava, J.C.	40 <sup>th</sup> Annual Conference – GISACON, Rajkot 2007	Chaired a Session on Pediatrics Anasthisia
<b>Department of Microbiology</b>			
1	Javedkar, T.B.	Training of nurses (Class IV & Technicians and HAI Hospital acquire infection) SSG Hospital, February 12 & 19, 2008	Faculty in to Secretions of HIV at SSG Hospital
2.	Dattaroy, K.	Full site sensitization programme on HIV Aids for Class III & IV Staff at Medical College, and SSG Hospital, Vadodara. March 31, 2008	Co-ordinator and Faculty
		Training of Nurses, Lab Technician & Class IV Staff on Control of Hospital Acquired Infection at SSG Hospital, Vadodara	CORE Faculty
3.	Lakkad, V.	Training of Nurses Class IV & Technician on HAI High Control, SSG Hospital, Vadodara. February 12 & 19, 2008	Faculty
		Participated in Health Mela organised by Health & Family Welfare Department, Govt. of Gujarat, T.B. Hospital, Gotri and PHC Bajva, March 23 & 25, 2008	Consultant Microbiology
4.	Barve, S.	Full site sensitization programme on HIV Aids for class III & IV Staff at Medical College, and SSG Hospital, Vadodara. March 31, 2008	Faculty
		Training of Nurses Class IV & Technician on HAI high control place SSG Hospital, Vadodara. February 13 & 20, 2008	Faculty
		Participated in Health Mela organised by Health & Family Welfare Department, Govt. of Gujarat, Waghodia March 24, 2008	Consultant Microbiologist
5.	Ninama, G.L.	Full site sensitization programme on HIV Aids for class III & IV Staff at Medical College, and SSG Hospital, Vadodara. March 31, 2008	Faculty
		Participated in health Mela organised by Health & Family Welfare Department, Govt. of Gujarat, Savali CHC, Baroda, March 26, 2008	Consultant Microbiologist
6.	Nanda, S. Kuma, M.M. Pandya, N.M.	Full site sensitization programme on HIV Aids for class III & IV Staff at Medical College, and SSG Hospital, Vadodara. March 31, 2008	Faculty Faculty Faculty

### 8. PARTICIPATION IN ACADEMIC BODIES OF OTHER UNIVERSITIES

Sr.No.	Name(s)	Academic body of Universities / Institution and Place	Participated as
<b>Department of Pharmacology</b>			
1.	Hotchandani, S.C.	Boards of Studies (Pharmacology) Himalaya Institute of Medical Science, Jolly-Grant (Dehradun Uttaranchal)	Expert
		C.U. Shah Medical College, Surendranagar, Saurashtra University	Expert

**Department of Skin & V.D**

- |    |             |   |   |
|----|-------------|---|---|
| 1. | Patel, R.M. | Ed @ dovepress.com<br>International Journal of Dermatology<br>January 21, 2008. | Reviewer for Clinical Cosmetic<br>& Investigational Dermatology |
|----|-------------|---|---|

**10. STATE/NATIONAL/INTERNATIONAL AWARDS AND DISTINCTION OF ACADEMIC NATURE**

Sr. No.	Name(s) of Recipient(s)	Description of the Award	Contribution made by the Recipient
---------	-------------------------	--------------------------	------------------------------------

**Department of Skin & V.D**

- |    |                              |  |                                     |
|----|------------------------------|--|-------------------------------------|
| 1. | Ghiya, R.,<br>Marfatia, Y.S. | Dr. V. Govindam Nair Memorial Award for HIV – TB Coinfection – a study of 246 cases              | Co-Author                           |
| 2. | Modi, M.,<br>Marfatia, Y.S.  | Second Prize in Free Paper Category for Contributory Factors in Genesis of Cutaneous Amyloidosis | Co-Author                           |
|    |                              | Dr. H.C. Mohanti Award for Study of 50 released from Treatment Cases Treated with FD-MDT         | Co-Author                           |
| 3. | Sharma, A.                   | AAD (American Academy of Dermatology) scholarship for the year 2009 March                        | Poster Presentation on Leprosy      |
|    |                              | Cash Award with presentation of paper at International Conference at San Fransisco USA           | Leprosy disability<br>Impact of MDT |

**Department of Anesthesiology**

- |    |            |  |                     |
|----|------------|--|---------------------|
| 1. | Desai, D.  | Won KOP award in pain category at ISACON at Vishakhapatnam | Presented the paper |
| 2  | Sahu, A.   | Second prize in T.N. Jha Category at GISACON               | Presented the paper |
| 3  | Dogra, N.  | First prize in M.T. Bhatia Pain Category at GISACON        | Presented the paper |
| 4  | Shreedhar  | First prize in free paper at GISACON                       | Presented the paper |
| 5  | Chawda, A. | Second prize in free paper at GISACON                      | Presented the paper |

## **12B. Sheth Ujamsinh Pitambardas Ayurvedic Research Unit**

### **INTRODUCTION**

The function of the unit is to carry out research in Ayurvedic medicines. The unit has a library of its own with nearly 2500 books on various subjects such as Ayurvedic Medicines, Pharmacology, Pathology, Chemistry, Botany etc.

Fifty groups of available medical herbs each group containing 10 drugs according to pharmacological classification of charts are arranged and maintained. A section of Ayurvedic medicinal preparation is also provided. Work carried out in the unit is exhibited separately. There are about 1000 Ayurvedic specimens. 54 herbarium frames, 7 original ayurvedic photo frames, 75 specimen jars of fresh herbs are preserved in the solution. Nearly 300 specimens have been collected and classified for the herbarium. There are 16 charts and maps in the museum. A map showing the distribution of important medicinal plants of India has been exhibited in the museum.

### **RASASHALA**

There is a Rasa-shala for preparation of some of the herbs for O.P.D. patients and for research works.

### **STAFF**

One Director who is responsible for the administration, one joint Director, Two Honorary Vaidya, One Ayurvedic Compounder and one part time Sweeper.

### **GENERAL AYURVEDIC O.P.D.**

Some patients were treated for the panch-karma & some patients were treated for Gynecology problems during the year 2006-2007. Total 4094 patients were treated out of which 1054 were new cases.

Ayurvedic treatments at O.P.D. for the following diseases were given e.g. Diabets, Mellitus, Sterility, Asthama, Leukerrhoea, Obesity etc.

---

# 13. Faculty of Performing Arts

## 1. INTRODUCTION

The College of Indian Music, Dance and Dramatics has its roots in musical and educational tradition of high purpose. In 1886 Bharatiya Sangita Vidyalaya was founded by the Late Maharaja Sayajirao of Baroda and through his patronage this Institution perhaps the oldest of its kind in India has served the cause of Performing Arts for the last hundred years. The Late Khansaheb Fayyazkhan who was one of the Professors of Vocal Music has left his legacy of art with his pupils and this Institution specialises in the teaching of the Agra Gharana style as well as the Kirana and the Amanali Gharana styles to advanced students of vocal music. On the establishment of the M.S. University of Baroda, the Bharatiya Sangit Vidyalaya has since June, 1950 developed into a full fledged college and with the additions of the department of Dance and the Department of Dramatics, the educational programmes have been made more comprehensive. The Institution which was a constituent college of the University of Baroda as a part of the Faculty of Fine Arts till 1984, has been accorded the status of a independent Faculty since then and it is now known as Faculty of Performing Arts.

### **DEPARTMENT OF INDIAN CLASSICAL MUSIC-VOCAL AND TABLA**

The Department of Indian Classical Music (Vocal-Tabla) is the largest department in the Faculty & about 200 students are studying in Degree Course both Vocal & Tabla. About 600 students are studying in Diploma both Vocal & Tabla and taught from first year BPA to Ph.D. level. Two teachers are recognised for guiding Ph.D. students. Our teachers and students are performing at State, National & International level. Some of our Senior Teachers have been invited by foreign countries to conduct Degree-Diploma Exams & have performed at International level programmes. Department has also conducted workshops. Gujarat State Akademi is also organising workshops in collaboration with the Department. This is a special achievement of this department. Moreover from the year 2004-05 the department has introduced SABHA GAYAN-VADAN for MPA (final) students of Vocal & Tabla.

### **DEPARTMENT OF INSTRUMENTAL MUSIC (SITAR AND VIOLIN)**

The Department of Instrumental Music is imparting training in subjects like Sitar & Violin. The Department is one of the centres which have all the facilities & capacity to provide training in the subjects by offering courses like U.G., P.G. Degrees & Diploma with Ph.D. programme. The Department of the Instrumental Music is still leading institution for 'pure' Classical Music.

### **DEPARTMENT OF DANCE**

The Department in its five decades of existence, has established itself as a strong, sound & leading institution of dance education in India and abroad. The faculty is developing in all areas of dance with performances, teaching & research. The faculty has presented papers as well as performances at International seminars, symposia in the past. The students are trained delightfully in dance performance, theory and exposed to contemporary creative and intellectual trends in the field.

### **DEPARTMENT OF DRAMATICS**

The Department of Dramatics (Theatre Arts) is the foremost constituent of the Faculty of Performing Arts, M.S. University of Baroda, established in 1950. It is one of the pioneer theatre departments, imparting training at the University level offering UG, PG degree and Ph.D. programme in Dramatics, as also a two year Diploma course in the subject. Over the years, it has nurtured a number of aspiring artists wanting to pursue theatre arts as a profession. The potential training is towards nurturing creative performing artists, production/technical designers, theoreticians who are able to respond to changing times of the contemporary society. The course structure is designed to foster creative and intuitive abilities and the student is encouraged to experiment with different theatre techniques in acting / production whereby attaining a systematic understanding of the art and science of theatre and its aesthetic applications.

The Department has also acted as a protagonist and catalyst in the social commitments and development through its varied activities and programmes. The Faculty and the department are well known for its positive contribution to the University, the City and the State at large for various inputs and projects. In the last five decades, the department has been striving hard to achieve a situation of freedom in contemporary expression within an institutional frame work.

## 2. BOARDS OF STUDIES

---

Sr. No.	Name of the Board of Studies
---------	------------------------------

---

- |    |                            |
|----|----------------------------|
| 1. | Music (Vocal/Instrumental) |
| 2. | Dance                      |
| 3. | Dramatics                  |

## The Maharaja Sayajirao University of Baroda

### 4. (C) PUBLISHED ARTICLES / PAPERS IN JOURNAL(S) / EDITED VOLUMES

Sr. No.	Author(s)	Title	Name of the Journal, Volume Number, Page Numbers, Month and Year
<b>Department of Dramatics</b>			
1.	Shah, M. C.	ધીરુભાઈ ઠાકરનું નાટ્યક્ષેત્રે પ્રદાન	'સવ્યસાયી સારસ્વત' ધીરુભાઈ અભિનંદન ગ્રંથ પ્રથમ આવૃત્તિ, જૂન ૨૦૦૭. પૃ. ૨૨૭ થી પૃ. ૨૩૯, પ્રકાશક : ધીરુભાઈ ઠાકર અભિવાદન સમિતિ, અમદાવાદ

### 5. (A) PAPERS PRESENTED AT INTERNATIONAL SEMINARS / CONFERENCES

Sr. No.	Author(s)	Theme, Organizing Body, Place and Date of Seminar / Conference	Title of the Paper
<b>Department of Instrumental Music (Sitar/Violin)</b>			
1.	Pathan, A. S.	International Conference on 'Research and its Consequences on Indian Music' organized by Kirti Kala Sansthan H.I.B.S. Agra (U.P.) on October 4, 2007 on the occasion of the birth centenary of Late Alain Danielou (Shiva-Sharan)	Gharana of Sitar Playing by Late Mirabux Khan of Jaipur

### 5. (B) PAPERS PRESENTED AT NATIONAL / STATE LEVEL SEMINARS / CONFERENCES

Sr. No.	Author(s)	Theme, Organizing Body, Place and Date of Seminar / Conference	Title of Paper
<b>Department of Instrumental Music (Sitar/Violin)</b>			
1.	Pathan, A. S.	I.M.S. Seminar held on NCPA, Mumbai, January 11, 2008	Trends in Musicology
		I.T.C. Sangeet Research Academy, Seminar at NCPA, Mumbai, January 12-13, 2008	The Changing Profile of Indian Music
<b>Department of Dramatics</b>			
1.	Dabhade, P. B.	'પિન્ટર ગુજરાતીમાં' યુજીસી તથા ગુજરાત સાહિત્ય અકાદમી, ગાંધીનગર દ્વારા નોબેલ પારિતોષિક વિજેતા નાટ્યકાર હેરોલ્ડ પિન્ટર વિષયક રાજ્યકક્ષાનો બે દિવસીય પરિસંવાદ. ૨૧/૨૨ ફેબ્રુ. ૨૦૦૮. નાટ્ય વિભાગ, ફેકલ્ટી ઓફ પરફોર્મિંગ આર્ટ્સ, મ.સ. યુનિ. વડોદરા.	A Slight Ache (ભરરી)ની દિગ્દર્શન પ્રક્રિયા
2.	Shah, M. C.	'National Consultation For Theatre and Conflict'. Four days National Conference organised by Samvedan Cultural Programme, Ahmedabad, CEE Auditorium, Nehru Foundation for Development, Thaltej Tekra, Ahmedabad, January 8-11, 2008	How Formal Theatre Education can address Conflict in Theatre
		'રસવિચાર, ભરત અને એરિસ્ટોટલ' વિષે ગુજરાત સાહિત્ય અકાદમી, ગાંધીનગરના ઉપક્રમે આર. એચ. પટેલ આર્ટ્સ એન્ડ કોમર્સ કોલેજ, નવા વાડજ, અમદાવાદ ખાતે તા. ૧૯ જાન્યુ. ૨૦૦૮ ના રોજ આયોજિત રાજ્યકક્ષાનો પરિસંવાદ	ભરતની રંગભૂમિ

'એકવીસમી સદીનું ગુજરાતી સાહિત્ય-દશા અને દ્વિશા' વિષે મુંબઈ વિદ્યાપીઠ, ગુજરાતી વિભાગ દ્વારા આયોજિત પરિસંવાદ. ૧૦/૧૧ માર્ચ ૨૦૦૮. જી.પી. નાયક ભવન, વિદ્યાનગરી, સાંતાક્રુઝ (પૂર્વ) મુંબઈ

ગુજરાતી નાટ્ય સાહિત્ય-એકવીસમી સદીમાં

'પિન્ટર ગુજરાતીમાં' યુજીસી તથા ગુજરાત સાહિત્ય અકાદમી, ગાંધીનગર દ્વારા નૉબેલ પારિતોષિક વિજેતા નાટ્યકાર હેરોલ્ડ પિન્ટર વિષયક રાજ્યકક્ષાનો બે દિવસીય પરિસંવાદ. ૨૧/૨૨ ફેબ્રુ. ૨૦૦૮. નાટ્ય વિભાગ, ફેકલ્ટી ઓફ પરફોર્મિંગ આર્ટ્સ, મ.સ. યુનિ. વડોદરા

The Caretaker (રામજી હિરજી પરમાર)ની રૂપાંતર પ્રક્રિયા

6. TALKS OF ACADEMIC NATURE IN PROFESSIONAL PROGRAMMES

Sr. No.	Name (s)	Nature of Professional Programmes	Title	Participated as
<b>Department of Instrumental Music (Sitar/Violion)</b>				
1.	Bhanvaria, N. K.	Lect-Dem. at Kendriya Vidyalaya, Vadodara on September 18, 2007	Sitar-The playing style of various artists	Resource Person
2.	Pathan, A. S.	Short Term In Service Course for Music Teachers of Kendriya Vidyalaya Sangathan, Ahmedabad Region, on 3rd Jan. 08 at Kendriya Vidyalaya No.1, Harni Road, Vadodara	The Ragmala Painting-Reflecting Traditions	Resource Person
<b>Department of Dramatics</b>				
1.	Shah, M. C.	રોટરી કલબ નડિયાદ આયોજિત જ્ઞાન-વિજ્ઞાન વ્યાખ્યાનમાળા, ૮ જુન ૨૦૦૭, સ્વ. મગનભાઈ એડનવાલા કોન્ફરન્સ હોલ, આયુર્વેદિક કોલેજ, નડિયાદ	'નાટકમાં નાટક'	Resource Person
		એકેડેમિક સ્ટાફ કોલેજ, ગુજરાત યુનિ. દ્વારા ગુજરાતી વિષય માં આયોજિત ૧૩મા રિફ્રેશર કોર્સ 'સુધારક યુગનું સાહિત્ય' અંતર્ગત બે વ્યાખ્યાનો ૨૫-૬-૨૦૦૭	સુધારક યુગનું નાટ્યસાહિત્ય	Resource Person
		Extra Mural Lectures જી.જી. કોલેજ ઓફ પરફોર્મિંગ આર્ટ્સ, ગુજરાત યુનિવર્સિટી. તા. ૨૭-૮-૨૦૦૭ તથા તા. ૧૭-૧-૨૦૦૮.	ભરત નાટ્યશાસ્ત્ર	Resource Person
		Extra Mural Lectures ગુજરાત કોલેજ, ગુજરાત યુનિ. અમદાવાદ, તા. ૧૭-૧૦-૨૦૦૭ તથા તા. ૧૭-૧-૨૦૦૮	ભારતીય અને પાશ્ચાત્ય સૌંદર્યશાસ્ત્ર	Resource Person
		સાહિત્યિક અભ્યાસ-સજ્જતા અને અભિવ્યક્તિ શિબિર-૨. અનુસ્નાતક ગુજરાતી વિભાગ, એન. એસ. પટેલ આર્ટ્સ કોલેજ, આણંદ દ્વારા સારસા ખાતે તા. ૯-૧૦-૦૮ના રોજ આયોજિત	ગ્રીક રંગભૂમિ અને રાજ ઈડિપસ	Resource Person

## The Maharaja Sayajirao University of Baroda

	ગુજરાત સાહિત્ય અકાદમી, ગાંધીનગર અને સાહિત્ય વર્તુળ, ગુજરાતી ભાષાસાહિત્ય ભવન, ભાવનગર, યુ.નિ. દ્વારા ૧૧-૧૨-૧૩ જાન્યુ. ૨૦૦૮, થરાદ જયંતવિહાર ધર્મશાળા, પાલીતાણા ખાતે આયોજિત વિદ્યાર્થીલક્ષી સાહિત્યિક અભ્યાસ શિબિર-૧૦	'હેમ્લેટ' - કૃતિવિશેષ (સર્વલક્ષી વ્યાખ્યાન)	Resource Person
	સંસ્કૃત સાહિત્ય અકાદમી, ગાંધીનગર દ્વારા હાલોલ કોલેજ ખાતે આયોજિત 'ભાસનાટકચક્ર' વિષયક એક દિવસીય પરિસંવાદ, ૭ માર્ચ-૦૮	ભાસનાં એકાંકી રૂપકો વિષયક ચર્ચા	ચર્ચક
	એકેડેમિક સ્ટાફ કોલેજ, ગુજરાત યુ.નિ. દ્વારા હિન્દી વિષયમાં રિફ્રેશર કોર્સ. (પત્રકારિત્ય ઓર અનુવાદ) ૨૪-૩-૦૮	મૅકબેથ/મૃચ્છકટિક-અનુવાદ કી સમસ્યા	Resource Person
	ગુજરાત વિશ્વકોશ ટ્રસ્ટ, અમદાવાદ દ્વારા આયોજિત શ્રીભદ્રંકર વિદ્યાદીપક જ્ઞાન-વિજ્ઞાન વ્યાખ્યાન શ્રેણી, હીરાલાલ ભગવતી સભાગૃહ, ૨૭ ફેબ્રુ. ૨૦૦૮	રાજ ઇડિપસ-કથા અને નાટક	Resource Person
2.	Upadhyay, B. R. શ્રી વલ્લભ ફાઉન્ડેશન ટ્રસ્ટ ના ઉપક્રમે પ્રજ્ઞામ વડીલ પરિવાર માટે પ્રજ્ઞામ આધ્યાત્મિક કેન્દ્ર માંજલપુર, વડોદરા ખાતે વકતવ્ય, તા. ૩-૧-૦૮	ભવાઈ-લોકરહેશનું માધ્યમ નિદર્શન સાથે	Resource Person

### 7. CONTRIBUTION IN CONDUCTING PROFESSIONAL / ACADEMIC PROGRAMMES

Sr. No.	Name (s)	Programme (s), Place and Date (s)	Participated as
<b>Department of Indian Classical Music (Vocal/Tabla)</b>			
1.	Ashtaputre, A. V.	Gujarat University Inter Zonal Youth Festival at Godhara, Tabla Competition, October 23, 2007	Judge
2.	Pandit, I. K.	Conducted workshop for the teachers and students at Mahatma Gandhi Institute of Performing Arts, Moka, Mauritius from May 28- June 11, 2007	Resource Person
		Pandit Omkarnath Thakur Music Competition by Gujarat Sangeet Natak Akademi Gandhinagar at Patan, August 18-19, 2007	Judge
		Veer Narmad South Gujarat University Youth Festival at Rajpipla, January 26-27, 2007	Judge
		Hemchandracharya North Gujarat University Youth Festival, Vocal Music Competition, December 5-7, 2007	Judge
<b>Department of Instrumental Music (Sitar/Violin)</b>			
1.	Bhanvaria, N. K.	Gujarat University, Inter Zonal Music Competition at BCA College, Godhra, October 22-23, 2007	Judge
		Music Competition at Youth Festival of Bhavnagar Uni., October 26-27, 2007	Judge
		Music Competition at Palanpur organized by Uttar Guj. University on December 6, 2007	Judge
		Pt. Omkarnath Music Competition organised by Gujarat Sangeet Natak Akademi at Patan, August 18-19, 2007	Judge

2.	Ranade, V. V.	Gujarat University Inter Zonal Music Competition at BCA College, Godhra, October 22-23, 2007	Judge
<b>Department of Dance</b>			
1.	Gangani, J. S.	Workshop for Kathak Dance organised by 'Padanyas' in collaboration with Tilak Vidyapeeth, Pune, June 11, 2007	Kathak Guru and Dance Expert
<b>Department of Dramatics</b>			
1.	Mehta, R. B.	ગુજરાત યુનિ. નો આંતર ઝોનલ યુથ ફેસ્ટીવલ, મોનોએક્ટિંગ-ગ, માઇમ, સ્કીટની સ્પર્ધા. બાબરીયા તા. ૧૯-૩-૦૭, ગોધરા, તા. ૨૩-૧૦-૦૭	નિર્ણાયક
		વર્કશોપ-ભવાઈ વિશે. ડિપાર્ટમેન્ટ ઓફ એક્સટેન્શન એન્ડ કોમ્યુનિકેશન, ફેકલ્ટી ઓફ ફેમિલી એન્ડ કોમ્યુનિટી સાયન્સ, (મ.સ.યુનિ.). વડોદરા, ૨૭ જુલાઈ-૦૭	નિર્ણાયક
		'પિન્ટર ગુજરાતીમાં' યુજીસી તથા ગુજરાત સાહિત્ય અકાદમી, ગાંધીનગર દ્વારા નોબેલ પારિતોષિક વિજેતા નાટ્યકાર હેરોલ્ડ પિન્ટર વિષયક રાજ્યકક્ષાનો બે દિવસીય પરિસંવાદ, ૨૧/૨૨ ફેબ્રુ. ૨૦૦૮. નાટ્ય વિભાગ, ફેકલ્ટી ઓફ પરફોર્મિંગ આર્ટ્સ, મ.સ. યુનિ. વડોદરા	પ્રસ્તુતિ સંકલન
		વડોદરા યુવા ઉત્સવ (ગ્રામ્ય) એકાંકી નાટ્ય સ્પર્ધા, વાકળ હાઈસ્કુલ, પાદરા. તા. ૨૯-૧૧-૦૭	નિર્ણાયક
2.	Modi, R. N.	વડોદરા યુવા ઉત્સવ (ગ્રામ્ય) નૃત્યનાટિકા સ્પર્ધા, સાર્વજનિક સ્કુલ, પાલીજેતપુર, તા. ૨૯-૧૨-૦૭	નિર્ણાયક
		વડોદરા યુવા ઉત્સવ (શહેર) નૃત્યનાટિકા સ્પર્ધા કેળવણી ટ્રસ્ટ, અકોટા, વડોદરા. તા. ૧-૧-૦૭	નિર્ણાયક
		UGC sponsored theatre workshop at St. Xavier's College, Ahmedabad on 21 April, 2007	Resource Person
		'પિન્ટર ગુજરાતીમાં' યુજીસી તથા ગુજરાત સાહિત્ય અકાદમી ગાંધીનગર દ્વારા નોબેલ પારિતોષિક વિજેતા નાટ્યકાર હેરોલ્ડ પિન્ટર વિષયક રાજ્યકક્ષાનો બે દિવસીય પરિસંવાદ. ૨૧/૨૨ ફેબ્રુ. ૨૦૦૮, નાટ્ય વિભાગ, ફેકલ્ટી ઓફ પરફોર્મિંગ આર્ટ્સ, મ.સ. યુનિ. વડોદરા	પ્રથમ તથા ચતુર્થ બેઠકનું સંચાલન
3.	Shah, M. C.	રમત-ગમત, યુવા અને સાંસ્કૃતિક પ્રવૃત્તિઓ વિભાગ અને રાજ્ય યુવક બોર્ડ, ગાંધીનગર પ્રેરિત તથા જિલ્લા રમત ગમતપરિષદ બનાસકાંઠા, પાલનપુર સંચાલિત રાજ્યકક્ષા નાટ્યલેખન શિબિર. શ્રી અંબાજી આર્ટ્સ એન્ડ કોમર્સ કોલેજ, અંબાજી, તા. ૨૯ મે ૨૦૦૭ થી તા. ૪ જૂન ૨૦૦૭	સહ સંચાલક
		ઉચ્ચ શિક્ષણ વિભાગ, ગુજરાત રાજ્ય દ્વારા કોલેજોના આચાર્ય તથા યુનિ.ના શિક્ષકો માટે સાપુતારા ખાતે આયોજિત ચિંતનશિબિર (તાલીમ શિબિર) ૬/૭ જૂન ૨૦૦૭	શિબિરાર્થી
		ગુજરાત રાજ્ય સંસ્કૃત અકાદમી, ગાંધીનગર તથા શ્રી સ્વામિનારાયણ આર્ટ્સ કોલેજ, અમદાવાદના સંયુક્ત ઉપક્રમે આયોજિત 'ભરત નાટ્યશાસ્ત્ર શિબિર', તા. ૨૦-૧૨-૦૭ થી તા. ૨૫-૧૨-૦૭	મુખ્ય સંચાલક
		ગુજરાત રાજ્ય સંગીત નાટક અકાદમી દ્વારા આયોજિત એકાંકી/ત્રિઅંકી નાટ્યસ્પર્ધા માટે પૂર્વ ચકાસણી, ૧/૨ ઓક્ટો. ૨૦૦૭, જામનગર	પૂર્વ ચકાસણીકાર

	વડોદરા મહાનગર સેવાસદન દ્વારા નિર્મળ ગુજરાત વર્ષ નિમિત્તે આયોજિત વડોદરા શહેર ત્રિઅંકી નાટ્ય સ્પર્ધા. ૧૨ સપ્ટે. ૦૭ થી સપ્ટે. ૦૭	નાટ્યપરામર્શક
	ગુજરાત યુનિ.ના ઉપક્રમે પી.પી. ચૌહાણ ઇન્સ્ટીટ્યુટ ઓફ કમ્પ્યુટર દ્વારા ગોધરા કૉલેજ ખાતે આયોજિત ઇન્ટર ઝોનલ એકાંકી સ્પર્ધા. તા. ૨૨-૨૩ ઓક્ટો., ૨૦૦૭	નિણાયક
	ભાવનગર યુનિ. દ્વારા આયોજિત યુવક મહોત્સવ, એકાંકી સ્પર્ધા. ૨૬ ઓક્ટો., ૦૭	નિણાયક
	શ્રી હેમચંદ્રાચાર્ય ઉ.ગુ. યુનિ. પાટણ દ્વારા આયોજિત ૧૯ મો યુવક મહોત્સવ. ૫/૬/૭ ડિસે. ૨૦૦૭. જી.ડી.મોદી વિદ્યાસંકુલ, પાલનપુર. એકાંકી સ્પર્ધા	નિણાયક
	ગુજરાત સાહિત્ય અકાદમી, ગાંધીનગર તથા યુજીસી દ્વારા સંયુક્તપણે આયોજિત નોબેલ પારિતોષિક વિજેતા નાટ્યકાર હેરોલ્ડ પિન્ટર વિષયક બે દિવસીય રાજ્યકક્ષાનો પરિસંવાદ, તા. ૨૧/૨૨ ફેબ્રુ. ૨૦૦૮. નાટ્યવિભાગ, મ.સ.યુનિ.	સંયોજક
	કર્ણાટક રાજ્ય સંગીત નાટક અકાદમી દ્વારા કર્ણાટક રાજ્યના ૫૦મા સ્થાપના દિવસ નિમિત્તે બેંગ્લોર અને મૈસુર ખાતે આયોજિત અખિલ ભારતીય વિશ્વવિદ્યાલય નાટ્યમહોત્સવમાં નાટ્ય વિભાગ, મ.સ. યુનિ. દ્વારા ગિરીશ કારનાડ લિખિત, પ્રા. દર્શન પુરોહિત દિગ્દર્શિત 'નાગમંડલ' નાટકની પ્રસ્તુતિ. તા. ૧૭ સપ્ટે. ૨૦૦૭, રવીન્દ્ર કલાક્ષેત્ર, બેંગ્લોર. તા. ૧૮ સપ્ટે. ૨૦૦૭, કલામંદિર, મૈસુર	ટીમ લીડર
4. Vyas, H. D.	ઉચ્ચ શિક્ષણ વિભાગ ગુજરાત રાજ્ય દ્વારા કૉલેજોના આચાર્ય તથા યુનિ.ના શિક્ષકો માટે સાપુતારા ખાતે આયોજિત ચિંતનશિબિર (તાલીમ શિબિર) ૬/૭ જૂન ૨૦૦૭	શિબિરાર્થી
	ગુજરાત રાજ્ય સંગીત નાટક અકાદમી દ્વારા આયોજિત એકાંકી/ત્રિઅંકી નાટ્યસ્પર્ધા માટે પૂર્વ ચકાસણી અમરેલી, મહુવા, ભાવનગર, તા. ૮ થી ૧૦ ઓક્ટોબર ૨૦૦૭	પૂર્વ ચકાસણીકાર
	વડોદરા મહાનગર સેવાસદન દ્વારા નિર્મળ ગુજરાત વર્ષ નિમિત્તે આયોજિત વડોદરા શહેર ત્રિઅંકી નાટ્ય સ્પર્ધા. ૧૨ સપ્ટેમ્બર ૨૦૦૭ થી સપ્ટેમ્બર ૨૦૦૭	પૂર્વ ચકાસણીકાર
	ગુજરાત રાજ્ય સંસ્કૃત અકાદમી, ગાંધીનગર તથા શ્રી સ્વામિનારાયણ આર્ટ્સ કૉલેજ, અમદાવાદના સંયુક્ત ઉપક્રમે આયોજિત 'ભરત નાટ્યશાસ્ત્ર શિબિર' તા. ૨૦-૧૨-૦૭ થી ૨૫-૧૧-૦૭	સહ સંચાલક
	'પિન્ટર ગુજરાતીમાં' યુજીસી તથા ગુજરાત સાહિત્ય અકાદમી, ગાંધીનગર દ્વારા નોબેલ પારિતોષિક વિજેતા નાટ્યકાર હેરોલ્ડ પિન્ટર વિષયક રાજ્યકક્ષાનો બે દિવસીય પરિસંવાદ. ૨૧/૨૨ ફેબ્રુઆરી ૨૦૦૮, નાટ્ય વિભાગ, ફેકલ્ટી ઓફ પરફોર્મિંગ આર્ટ્સ, મ.સ. યુનિ. વડોદરા	ઉદ્ઘાટન બેઠકનું સંચાલન
5. Upadhyay, B. R.	વડોદરા મહાનગર સેવાસદન દ્વારા નિર્મળ ગુજરાત વર્ષ નિમિત્તે આયોજિત વડોદરા શહેર ત્રિઅંકી નાટ્ય સ્પર્ધા, ૧૨ સપ્ટેમ્બર ૨૦૦૭ થી સપ્ટેમ્બર ૨૦૦૭	પૂર્વ ચકાસણીકાર
	Mono-Acting Competition as a part of Youth Festival organised by Gujarat University at Babaria Institute of Technology, Varnama, July 19, 2007	Judge
	Mime and Mono-Acting Inter Zonal Competition organised by Gujarat University at Godhra, October 22, 2007	Judge

8. PARTICIPATION IN ACADEMIC BODIES OF OTHER UNIVERSITIES

Sr. No.	Name (s)	Academic body of Universities/ Institution and place	Participated as
<b>Department of Indian Classical Music (Vocal/Tabla)</b>			
1.	Gandhi, A. R.	Shri Arjunlal Hirani College of Journalism and Performing Arts Selection Committee	External Expert
2.	Shridhar, P. K.	Shri Arjunlal Hirani College of Journalism and Performing Arts. Selection Committee	External Expert
<b>Department of Dramatics</b>			
1.	Dabhade, P. B.	Gujarat State Censor Board, Deptt of Youth and Cultural Activities, Gandhinagar	Govt. nominee
2.	Shah, M. C.	Gujarat University, Ahmedabad-Academic Council, Board of Examiners	VC nominee
		J.G. College of Performing Arts, Ahmedabad. Advisory Board	VC nominee
		Indira Gandhi National Open University, Delhi. School of Performing Arts-Advisory Board	VC nominee
		Nalanda Research Centre affiliated with Mumbai University. Selection Committee	VC nominee
		Palanpur College of Performing Arts, North Gujarat University. Advisory Board	VC nominee

9. PERFORMANCE BY INDIVIDUAL / GROUP

Sr. No.	Name (s)	Place and Date (s)	Nature of Performance
<b>Department of Indian Classical Music (Vocal/Tabla)</b>			
1.	Pandit, I. K.	Ravindranath Tagore Auditorium, Mahtma Gandhi Institute, Moka, Mauritius, June 8, 2007	Classical Vocal Recital
		Arjunlal Hirani College of Journalism and Performing Arts, Rajkot, February 10, 2008	Classical Vocal Recital
2.	Puṣhkar, S. K.	Nirma University, Ahmedabad, January 10, 2008	Convener for Taal Vadya Kacheri
<b>Department of Instrumental Music (Sitar/Violin)</b>			
1.	Mahisuri, R. J.	Rang-Bhavan, C.C. Mehta Hall, Surat on January 18, 2008	Violin accompaniment with Dance Prog. org. by Guj. Sangeet Natak Akademi
		Town Hall, Bhavnagar on February 14, 2008	Violin accompaniment with Dance Prog. org. by Guj. Sangeet Natak Akademi
<b>Department of Dance</b>			
1.	Gangani, H. S.	Annual Programme, Faculty of Performing Arts, March 4, 2008	Teacher Choreographer, Conductor

## The Maharaja Sayajirao University of Baroda

	Sabha Nritya, Faculty of Performing Arts, The M. S. University of Baroda, Vadodara, March 18, 2008	Teacher Choreographer, Conductor
2.	Gangani, J. S.	
	Tilak Vidyapeeth Gruh, Pune, June 10, 2007	Solo Performance
	Vibrant Gujarat, Gandhinagar, October 17, 2007	Group Performance
	Pt. Hazarilal Jayanti, New Delhi, November 27, 2007	Solo Performance
	Modhera Dance Festival. Mehsana, Gujarat, January 20, 2008	Solo Performance
	Kathak Mahotsav by Kathak Darshan, Vadodara. February 14-15, 2008	Group Performance
	National Festival of Dance organised by Central Sangeet Natak Akademi in collaboration with Jaipur Kathak Kendra, March 1, 2008	Solo Performance of Kathak Dance
3.	Hajarnis, J. M.	
	'Kal Ke Kalakar' programme organised by Sports, Youth and Cultural Activities Deptt. of Government of Gujarat at Surat, January 18, 2008	Guru, conducted as Nattuvnar for Bharatnatyam recital
	'Spandan'08-Annual Programme by Students Association of Faculty at Open Air Theater, Faculty of Performing Arts, March 5, 2008	Nattuvangam, for Bharatnatyam Recital
	Ipchowala Santram College of Fine Arts at Vallabh Vidyanagar, December 13, 2007	Choreographer and Director for Bharatanatyam recital
	Dance Programme sponsored by Deptt. of Sports, Youth and Cultural Activities, Govt. of Gujarat organised by Diamond Jubilee Trust at Yogniketan-Baroda, December 14, 2007	Choreographer and Director for Bharatanatyam Dance, 'Tatva Gatha'
	International Classical Dance Youth Festival Kinkini at Mumbai August 2007	Director and Choreographer for Bharatanatyam Recital
	Tejas Foundation and Sarfoji Raje Bhonsle Centre's Bharat College of Fine Arts and Culture at Mumbai, August 16, 2007	Director and Choreographer for
	'Kal Ke Kalakar' programme by Deptt. of Sports, Youth and Cultural Activities of Govt. of Gujarat at Surat, September 16, 2007	Director and Choreographer for Bharatanatyam Recital
	'Nav Shakti Gurjari' organised by GINFS at Gandhinagar, October 15, 2007	Director and Choreographer for Bharatanatyam Recital
	Lions' Club of Thane at Mumbai, December 28, 2007	Director and Choreographer for Bharatanatyam Recital
	Iscon Temple Auditorium, Juhu, Mumbai sponsored by Deptt. of Sports, Youth & Cultural Activities, December 29, 2007	Director and Choreographer for Bharatanatyam Recital 'Tatva Gatha'
4.	Pillai, N. R.	
	Spandan-08' Annual Programme by Students Association of Faculty at Open Air Theater, Faculty of Performing Arts on March 5, 2008	Accompaniment on Mridangam

Department of Dramatics

1. Dabhade, P. B. Mahatma Gandhi Nagargruh, May 2, 2007  
Deptt of Dramatics, FPA-MSU Playbox, March 29, 2007  
'Chhumantar' (Marathi Play) Stage Performance Designed & Choreographed  
'Bhamari' State Performance (Director)
2. Mehta, R. B. કુમાર ઓટો ગ્રુપના ઉપક્રમે 'કુમાર થયો ર૧નો' ભવાઈવેશ, વડોદરા શહેર- જીલ્લો. તા. ૮-૪-૦૭  
'આકાશવાણી' વડોદરા ખાતે તા. ૨૭ માર્ચ, ૦૮, વિશ્વ રંગભૂમિ દિવસે  
'ભૂણ હત્યાનો વેશ'  
ઓલ્ડ એજ હોમ, પ્રતાપગંજ વડોદરા. ભવાઈવેશ 'આનંદ આશ્રમ'  
૧૭ ઓગષ્ટ, ૦૭. લેખન અને દિગ્દર્શન  
ભવાઈ વેશની પ્રસ્તુતિ  
ભવાઈ વેશની પ્રસ્તુતિ  
ભવાઈ વેશની પ્રસ્તુતિ
3. Modi, R. N. Prasar Bharti-22 Sept-07  
Prasar Bharti-31 March, 2008  
અન્દ્રવદન મહેતા જન્મ જયંતી સમારોહ. ૬, એપ્રિલ, ૨૦૦૭, પ્રો. સી. સી મહેતા ઓડિટોરીયમ ખાતે, નાટ્યવિભાગ દ્વારા એકાંકી નાટક  
'બાથટબમાં માછલી' ની પ્રસ્તુતિ  
Acted as 'તાનપુરે' in National Radio Play  
Acted as 'રાજુભાઈ' in Radio Play  
માર્ગદર્શક - એકાંકી પ્રસ્તુતિ
4. Shah, M. C. ગુજરાત રાજ્ય સંગીત નાટક અકાદમી તથા યુવક સેવા અને સાંસ્કૃતિક પ્રવૃત્તિઓ દ્વારા પ્રાયોજિત નાટ્યોત્સવ  
અ) ઝેન હાઈસ્કૂલના ઉપક્રમે પાદરા ખાતે, તા. ૨૫ જાન્યુ. ૨૦૦૮  
બ) નાટ્ય વિભાગ, મ.સ. યુનિ. તથા ત્રિવેણી-વડોદરાના ઉપક્રમે પ્રો. ચન્દ્રવદન મહેતા ઓડિટોરીયમ ખાતે, તા. ૨૭ જાન્યુ. ૨૦૦૮  
ક) ગુજરાતી સાહિત્ય મંડળ કલકત્તાના ઉપક્રમે વિદ્યામંદિર, મોયરા સ્ટ્રીટ, કલકત્તા-૧૭ ખાતે, તા. ૧ ફેબ્રુ. ૨૦૦૮  
ડ) હા.કા., આર્ટસ કોલેજના ઉપક્રમે, ચિનુભાઈ ચિમનભાઈ સભાગૃહ, અમદાવાદ ખાતે, તા. ૨ માર્ચ ૨૦૦૮  
કેન્દ્રીય સંગીતનાટક અકાદમી, નવી દિલ્હી તથા એકેડેમી ઓફ થિયેટર આર્ટ્સ, મુંબઈ વિદ્યાપીઠ દ્વારા સંયુક્તપણે આયોજિત અખિલ ભારતીય નાટ્યમહોત્સવ 'રંગસંગમ વસત' અંતર્ગત કવિ કુસુમાગ્રજ સભાગૃહ, વિદ્યાનગરી કેમ્પસ, કલીના, સાંતાક્રુઝ, મુંબઈ ખાતે તા. ૩૦ માર્ચ ૨૦૦૮  
સિતાંશુ યશશ્ચન્દ્રના વિખ્યાત નાટક 'કહો મકનજી ક્યાં ચાલ્યા?' માં મકનજીની મુખ્ય ભૂમિકા  
સિતાંશુ યશશ્ચન્દ્રના વિખ્યાત નાટક 'કહો મકનજી ક્યાં ચાલ્યા?' માં મકનજીની મુખ્ય ભૂમિકા
5. Upadhyay, B. R. ગુજરાત રાજ્ય સંગીત નાટક અકાદમી તથા યુવક સેવા અને સાંસ્કૃતિક પ્રવૃત્તિઓ દ્વારા પ્રાયોજિત નાટ્યોત્સવ  
અ) ઝેન હાઈસ્કૂલના ઉપક્રમે પાદરા ખાતે, તા. ૨૫ જાન્યુ. ૨૦૦૮  
બ) નાટ્ય વિભાગ, મ.સ. યુનિ. તથા ત્રિવેણી-વડોદરાના ઉપક્રમે પ્રો. ચન્દ્રવદન મહેતા ઓડિટોરીયમ ખાતે, તા. ૨૭ જાન્યુ. ૨૦૦૮  
ક) ગુજરાતી સાહિત્ય મંડળ કલકત્તાના ઉપક્રમે વિદ્યામંદિર, મોયરા સ્ટ્રીટ, કલકત્તા-૧૭ ખાતે, તા. ૧ ફેબ્રુ. ૨૦૦૮  
ડ) હા.કા., આર્ટસ કોલેજના ઉપક્રમે, ચિનુભાઈ ચિમનભાઈ સભાગૃહ, અમદાવાદ ખાતે, તા. ૨ માર્ચ ૨૦૦૮  
સિતાંશુ યશશ્ચન્દ્રના વિખ્યાત નાટક 'કહો મકનજી ક્યાં ચાલ્યા?' માં ઉરફની ભૂમિકા

## The Maharaja Sayajirao University of Baroda

	केन्द्रीय संगीत नाटक अकादमी, नवी दिल्ली तथा अकेडेमी ऑफ थियेटर आर्ट्स, मुंबई विद्यापीठ द्वारा संयुक्तपणे आयोजित अकिल भारतीय नाट्यमहोत्सव 'रंगसंगम वसंत' अंतर्गत कवि कुसुमाग्रज सभागृह, विधानगरी केम्पस, कलीना, सांताक्रुझ, मुंबई भाते ता. 30 मार्च 2008	सितांशु यशश्चन्द्रना विख्यात नाटक 'कहो मकनल क्वां बाल्या?' मां उरडेनी लूमिका	
6.	Vyas, H. D.	Historical Hindi Documentary on First Struggle for Freedom "1857" "जाग उठा हिन्दुस्तान" Inaugurated, at Prof. C. C. Mehta Auditorium, April 8, 2008 Prof. C.C. Mehta Auditorium organized by Gazal Sabha, June 17, 2007 Programme on 'The M. S. Univ. and Contribution of Sir Sayajirao Gaekwad (III)' Telecast on 18th June 2007 at 7.00 p.m. from Doordarshan Ahmedabad. Composite Cultural Programme at Nirma Univ. Ahmedabad for delegates of International conference, January 9, 2008	Voice over Poetry Recitation Award Ceremony and Mushayara Anchor Project Co-ordinator & Script Writer Co-ordinator and Compare

### 10. STATE / NATIONAL / INTERNATIONAL AWARDS AND DISTINCTION OF ACADEMIC NATURE

Sr. No.	Name (s) of Recipient(s)	Description of Award	Contribution made by the Recipient
<b>Department of Dance</b>			
1.	Gangani, H. S.	Gujarat State Sangeet Natak Akademi Gaurav Puraskar for year 2003-04, awarded on 24th Sept.,07	For the contribution in the field of Dance
2.	Gangani, J. S.	Gujarat State Sangeet Natak Akademi Gaurav Puraskar for year 2004-05, awarded on 24th Sept-07	For the contribution in the field of Kathak Dance as a Performer, Choreographer and Guru
<b>Department of Dramatics</b>			
1.	Dabhade, P. B.	Recognition as a Drama-Guru by the Govt. of India for training the National Scholarship Awardee Students	For the contribution in the field of Drama
2.	Shah, M. C.	'Gaurav-Puraskar' awarded by Gujarat State Sangeet Natak Akademi on 24th Sept., 2007 at Town Hall, Gandhinagar	Outstanding Contribution to Theatre Arts

### 11. IMPORTANT EVENTS / ACTIVITIES OF THE FACULTY / UNIT

Description of the Event	Date, Time & Place
<b>Faculty of Performing Arts</b>	
गुरुवंदना - tribute to गुरु through performance	August 8, 2007, 10.30am Concert Hall, FPA
मा आर्ष आनंदा-गरभा महोत्सव	October 29-30, 2007, 7.00 pm Open Air Theatre Ground, FPA
मौलायक्ष-जन्म जयंति समारोह	January 5, 2008 6.30pm Concert Hall, Play Box, FPA
Talent Show	January 7, 2008, 9.00 am Concert Hall, FPA
Cultural Programme presented by the Faculty at All India NIKOM conference at Nirma Uni Ahmedabad	January 9, 2008, 7.00 pm Nirma University Auditorium.

સ્નેહોત્સવ

Faculty Annual Day-Spandan

**Department of Indian Classical Music (Vocal / Tabla)**

સભાગાયન અને સભાવાદન - stage performance by the students of MPA Vocal & Tabla

**Department of Dance**

સભાનૃત્ય-stage performance by the students of MPA, Dance

**Department of Dramatics**

ચંદ્રવદન મહેતા જન્મ જયંતિ સમારોહ in collaboration with અક્ષરા and C.C. Mehta Auditorium

ઇમેજ પબ્લિકેશન, મુંબઈ-અમદાવાદ તથા નાટ્યવિભાગના સંયુક્ત ઉપક્રમે પુસ્તક વિમોચન અને કવિસંમેલન

Drama Festival in collaboration with ત્રિવેણી વડોદરા and શ્રીમતી ઊર્મિલાબેન માર્કન્ડભાઈ ભટ્ટ ચેરિટીબલ ટ્રસ્ટ

Performance of 'Nagamandala' at All India University Theatre

Production Oriented Sanskrit Drama Workshop in collaboration with NSD Extension Programme. Performance of 'Dootvakyam'

State Level Seminar on 'Harold Pinter in Gujarati'. Performance of Pinter Play 'A Slight Ache' Dir : Prabhakar Dabhade

Performance of one act play, 'Bath Tubman Machhli' on the occasion of Prof. C.C. Mehta's Birth Anniversary Celebration in collaboration with 'Akshara' Vadodara

Performance of 'Jayaz Hatyare' on World Theatre Day under the auspices of Satur Theatre Dir. Vaibhav Soni (Sr. MPA)

February 14, 2008, 10.30 am Concert Hall, FPA  
March 4-5, 2008, 7.30 pm Open Air Theatre, FPA

September 21, 2007, October 29, 2007,  
December 28, 2007, January 30, 2008,  
February 25, 2008, Concert Hall, FPA

March 18, 2008, 6.00 pm. Concert Hall, FPA

April 6, 2008 6.30 pm onwards  
Prof. C.C. Mehta Auditorium

January 12, 2008, 8.00 pm  
Prof. C.C. Mehta Auditorium

January 26-27, 2008, 8.00 pm onwards  
Prof. C.C. Mehta Auditorium

September 17-18, 2007 at Bangalore & Mysore.

October 14, 2007 - November 4, 2007,  
Performance on November 3-4, 2007 at Play Box, FPA, The M. S. University of Baroda, Vadodara, under the auspices of Satur Theatre

February 21-22, 2008, Play-Box, FPA Baroda

April 6, 2008, Prof. C.C. Mehta Auditorium, Baroda

March 26-27, 2008 Play-Box, FPA Baroda

16. **ACHIEVEMENTS/HONOURS/AWARDS**

(A) **TEACHING STAFF**

Name	State/National/International	Nature of Achievement
<b>Department of Dance</b>		
Gangani H. S.	State	'Gaurav Puraskar' for outstanding contribution to Kathak Dance
Gangani J. S.	State	'Gaurav Puraskar' for outstanding contribution to Kathak Dance
<b>Department of Dramatics</b>		
Shah M. C.	State	'Gaurav Puraskar' for outstanding contribution to Kathak Dance

# The Maharaja Sayajirao University of Baroda

## (C) STUDENTS

Name	State/National/International	Nature of Achievement
<b>Department of Indian Classical Music (Vocal/Tabla )</b>		
Ku. Zinzuwadia Unnati	State	Stood First in Pt. Omkarnath Competition (Section B) Vocal
Ku. Krishna Engineer	State	Stood Second in Pt. Omkarnath Competition (Group B) Vocal
Ku. Choksi Nidhi	State	Stood Second in Pt. Omkarnath Competition (Group A) Vocal
Shri Himanshu Mahant	State	Stood First in Pt. Omkarnath Competition (Tabla) (Group B)
Shri Parikh Maulik	State	Stood First in Pt. Omkarnath Competition (Tabla) Group-B
<b>Department of Dance</b>		
Smt. Smita Sathe	State	Kal Ke Kalakar Award
Ku. Divya Patel	State	Kal Ke Kalakar Award
Ku. Dhvani Shah	State	Kal Ke Kalakar Award
<b>Department of Dramatics</b>		
Shri Barot Hiren	National	National Scholarship to Young Artist from Department of Culture & Tourism
Ku. Shinde Sarita	National	National Scholarship to Young Artist from Department of Culture & Tourism
Shri Soni Vaibhav	National	National Scholarship to Young Artist from Department of Culture & Tourism

## 14. Faculty of Science

### 1. INTRODUCTION

In 1926, the then Viceroy and Governor General of India, Sir Isaac Rufus laid the foundation stone of Sayaji Jubilee Institute under Baroda College, which soon became a leading institution of higher education and research in science. With the establishment of the University in 1949, all the science departments of Baroda College were reconstituted and the Faculty of Science was created.

Since 1949, the Faculty offers courses leading to B.Sc., M.Sc. and Ph.D. degrees in Botany, Chemistry, Geography, Geology, Mathematics, Physics, Statistics and Zoology. Thereafter, the Faculty added two more Departments, viz Department of Biochemistry (1955) and Microbiology (1964), both of which provide courses leading to postgraduate degrees only.

The Faculty steadily made significant strides in various disciplines of science that attracted students from all over India and other countries and soon it developed into a cosmopolitan centre of higher education in science. Recognition came by in the form liberal grants to research from UGC under the Special Assistance Programmes like DRS, DSA and COSIST to many departments and also from DST under FIST programme. ICMR established the Population Research Centre in the Faculty, Department of Biotechnology of Government of India selected the Faculty to start Centre of Biotechnology, one of the first five centres in the country. Recently, the Faculty became one of the first institutions to have Genome Research Centre in India. The growth of the Faculty has thus complemented the pioneering efforts of the great visionary, the Maharaja Sayajirao Gaekwad III, who had taken pains to improve science education in and around Baroda.

#### **DEPARTMENT OF BIOCHEMISTRY**

The Department has achieved several milestones in last year. Department of Biochemistry organized a national level symposium on Cancer and Apoptosis. A new two year M Sc. (Medical Biotechnology) course was started and Gujarat Government has sanctioned one time grant of Rs. 16 Lakhs. In addition, faculty members have received grants for their research from DBT and CSIR, amounting to Rs. 95 Lakhs, in addition to existing funding that was received earlier of Rs. 97 Lakhs. Further, 17 scientific papers were published in reputed international and national journals, adding their contributions to the department. Faculty members were invited for talks in several national seminars. Apart from these, the department had organized 7 extra mural lectures, which were delivered by different scientists, from different aspects of biochemistry. Department has procured several new instruments to facilitate the research. Several students cleared CSIR NET and have joined some premier institutes in India like CCMB, JNSCAR, and NHRBB.

#### **DEPARTMENT OF BOTANY**

The Department of Botany was established in 1949. The department is running different courses related to Plant Sciences. In the early years of the department the research was mainly in the areas of Plant Morphology, Taxonomy and Plant Tissue Culture. Gradually work was extended to other branches like Phytochemistry, Ecology and Phytopathology. Research projects funded by UGC, ISRO, MOEF, DBT and Department of Forests, Gujarat are in progress. The department was awarded DST-FIST support in 2005. The departmental Instrument Room has facilities like GC, HPLC, and Spectrophotometer for its research and extension activities related to various Plant Sciences and especially in relation to medicinal plants.

#### **DEPARTMENT OF CHEMISTRY**

The Department of Chemistry at The Maharaja Sayajirao University of Baroda was established in 1949. The department has undergraduate and postgraduate teaching as well as research activities leading to Ph.D. In early years of the department, the research was mainly in the areas of synthetic organic chemistry, coordination chemistry and ion exchangers. Gradually work was extended to liquid crystals also.

In early 80's, research activities flourished with department getting recognised for DRS. In the subsequent years, the department was also recognised for DSA I, II and III Phase and for COSIST, DST's FIST and GUJCOST programme. Now, the department has been recognized by UGC CAS, DST FIST level I. The department had international collaborative ALIS scheme jointly supported by UGC and British Council. Research activities were and being funded by various governmental funding agencies and industries. The department on an average publishes 25-30 papers per year. Every year about 5-6 students get Ph.D. degree. The department has also started one more specialization at M.Sc. level in Analytical Chemistry in addition to the existing Organic, Inorganic and Physical Chemistry.

The department is proud to state that the undergraduate and postgraduate students get proper placements. Many of the students go abroad for research and further studies. Some teachers are invited to give lectures at international and national conferences, seminars, symposia.

#### **DEPARTMENT OF GEOGRAPHY**

The Department is well furnished with the basic facilities like Toposheets, Maps Computers, Survey and Weather Instruments and Global Positioning System.

## The Maharaja Sayajirao University of Baroda

The Department has a Computer Laboratory with 4 PC's and with facilities like Digital Photogrammetric System, Digital Photometric Software, GIS Software, GPS, LCD Projector, Plotter and Scanner.

The Department also has a Cartographic Laboratory with two full time Draftsman.

The Department has a Reading Room which has books donated by staff and students of the Department. Approximately 200 books from Smt. Hansa Mehta Library have been brought here.

The Department is maintaining a Museum. It contains a number of rock specimens and models.

Currently two DST funded projects are going on. The Department conducts field trips and imparts practical knowledge to the students.

A Project based on field study is done by the Post-Graduate final year students.

The teaching staff is constantly engaged in quality research, which are presented at National and International Meets and published in reputed Journals/edited books.

The students are given special training on Geographical Information System.

### **DEPARTMENT OF GEOLOGY**

The Department of Geology was established in year 1951 initially in the Faculty of Technology and Engineering with limited staff and equipment for UG teaching. PG teaching was introduced in 1960. The full-fledged department in new and independent building with UGC support came into existence in 1965 under the Faculty of Science.

The Department is well known for its research in the areas of Structural, geology, Petrology, Geomorphology, Sedimentology, Engineering Geology, Hydrogeology, Environmental Geology and Palaeontology. It is a recognized centre for research in Quaternary Geology.

It has well equipped laboratories for working in various branches of Geology. Some of these are XRD lab., Chemical lab., AAS lab., Advanced Petrological lab., SEM lab., etc.,. It has extensive fieldwork-camping facilities with tents and field-investigations equipment like a portable drilling rig, GPR and GPS. It has well equipped seminar hall (capacity of 120 people) and a library. Most of the faculty members are engaged in independent projects funded by DST, UGC, SAC, and DTRL. Presently, approximately rupees three crore worth of grossly funded projects are in progress. The Department has completed its DRS and COSIST programme long back.

Recently, the Department, through DST funded research support i.e. FIST, is carrying out upgradation in its laboratory infrastructure that also includes establishment of full-fledged GIS laboratory.

Government of Gujarat has sanctioned special fund of Rs. 70,00,000/- for infrastructure facilities of self finance courses in M.Sc. (Petroleum Geology) and P.G. Diploma in Disaster Management

### **DEPARTMENT OF MATHEMATICS**

The Department of Mathematics at the Faculty of Science of The Maharaja Sayajirao University of Baroda, is actively engaged in researches in Analysis, Classical Harmonic Analysis, Special Functions, Topology and Classical General Relativity, Fluid Mechanics.

Researches in analysis began with the advent of Prof. U. N. Singh in January 1958 and since then many workers in the department, have produced good amount of quality research work in the study of Fourier Series in general and lacunary Fourier Series in particular. While the work on general trigonometric Fourier Series, in connection with the convergence and summability problems, is noteworthy; in the area of lacunary Fourier Series, the department has put in significant research work regarding the problems of their absolute convergence, study of properties of Fourier coefficients and convergence and summability problems not only in the setting of circle group, but, currently in the setting of totally disconnected compact abelian groups as well.

Since 1973, the department is actively engaged in the researches in the field of Special Functions also. The research work done and being done, cover varied topics such as Hypergeometric functions and associated polynomial systems, multiple series and associated function viz, Lauricella functions, Appel's functions, H-functions, G-functions of polynomial sets and their q-analogues.

It is now almost 18 years that the department is actively working towards researches in Topology. The work going on in topology can broadly be classified into two areas: Dynamical systems and Compactifications and Projective objects. Interesting problems in the area of dynamical systems include studying the impact of robustly and persistently dynamical properties, like expansivity and shadowing, on compact invariant sets such as homoclinic classes, chain components and chain recurrent sets. Multidimensional dynamics including Chaos is another area of interest. Work is also being done in the area of G-spaces, Compactifications and Projective Objects.

### **DEPARTMENT OF MICROBIOLOGY**

The Microbiology Department was started in 1964, and since 1985-86, it also offers the M.Sc. Biotechnology Course in addition to the master's course in Microbiology. Biotechnology training programme was started with support from NBTB (DBT) and UGC and continues to be very popular, attracting programme among students from all over the country. The backbone of the department is the intellectual rigor provided by students coming from different parts of the country. By

the year 2007, we had produced 97 Ph.Ds and a large number of research papers were published in journals of international repute. The alumni of the department now occupy positions of great responsibility in different parts of India and abroad.

The Department is funded under FIST and DRS Programmes. The Department has initiated infrastructure renovation programme with the active assistance of Alumni's donation. The Department has also received funds from UGC for the same purpose.

The Department has a strong base in Microbial technology and the main features of the programme are Genetics, Molecular Biology, Industrial Microbiology and Immunology. The basic training is given in Microbiology, Biochemistry, Genetics, Developmental Biology, Genetic Engineering, Biochemical Engineering and some aspects of Biophysics, Biostatistics, Bioinformatics, Environmental Biology and various contemporary areas allied to Microbiology and Biotechnology.

#### **DEPARTMENT OF PHYSICS**

The Department of Physics at the Maharaja Sayajirao University of Baroda was established in 1949. The Department is running U.G., P.G. and Ph.D. programmes. In M.Sc., students are offered Solid State Physics, Electronics and Radio Physics, Nuclear Physics and Molecular Spectroscopy as specialization.

Since inception, the Department was pioneer in Crystal Growth research in whole State and many teachers, at present, are in different Universities and colleges of Gujarat and out side working in this field. At present, main focus of research is in experimental and theoretical Condensed Matter Physics. Material Science, Nuclear Experimental, Solid State Nuclear Physics and Spectroscopy are other fields being undertaken by many staff members as their research activity. The Department was recognized for DRS I & II and COSIST programs of UGC in Condensed Matter Physics. Various funding agencies have funded, number of research projects in the Department at present. The Department is publishing about 20-30 research papers every year in International and National journals.

Students are being selected for higher studies in premier institutions of India and a sizable number is seeking admission abroad. All teaching staffs are equipped with personal Computers with net-facility at their desks and research labs have work-stations and other members have higher configured computers for advanced theoretical work.

#### **DEPARTMENT OF STATISTICS**

The Department of Statistics was established in the year 1949. The Department is actively involved in research in the areas of probability, Statistical Quality Control, Statistical Inference, Operations research & Design of Experiments. The dept. has to its credit several research papers in nationally as well as internationally reputed journals. Faculty members have done major/ minor research projects funded by various agencies of Govt. of India. Collaborative research work have also been taken up with universities in USA during the year 2007.

Population Research Centre (PRC) of the department came into existence on 1st July 1967. Out of the eighteen PRC's established by the Govt. of India, nine of them have been given the status of fully developed centers and it is a matter of pride that the PRC, Baroda, is one of them. The center has made major strides in widening the scope of its activities and getting recognition both at the national as well as international level. At present, the major functions of the center are: (i) Research, (ii) Training (iii) Consultation services. The research findings have helped the Gujarat State as well as the Central Government in formulating policies as well as revising the on-going health and family planning programme.

The department also has a Statistical Service Unit, which provides statistical consultation to the researchers, working in different areas.

#### **DEPARTMENT OF ZOOLOGY**

The Department of Zoology established in 1951 has completed 57 years and its graduate and post graduate courses cover many topics of life sciences in general and, Zoology in particular, taught to provide an integrated understanding of the life process in animals and man. The department with strong laboratory oriented research activities right from its inception, has in recent times incorporated even field-oriented activities in the form of Biodiversity, wild life and environmental biology studies. The staff members have participated in Conferences/Seminars, Workshop and refresher/ orientation courses besides some serving as office bearers/ resource persons in various academic bodies/programmes.

## **2. BOARDS OF STUDIES**

<b>Sr. No.</b>	<b>Name of the Board of Studies</b>	<b>Sr. No.</b>	<b>Name of the Board of Studies</b>
1.	Physics & Meteorology	6.	Microbiology
2.	Chemistry	7.	Geology
3.	Botany	8.	Mathematics
4.	Zoology	9.	Statistics and Actuarial Science
5.	Bio-chemistry	10.	Geography

# The Maharaja Sayajirao University of Baroda

## 3. (A) RESEARCH PROJECTS AWARDED BY OUTSIDE FUNDING AGENCY

Sr. No.	Name (s)	Title	Funding Agency	Grant in Rupees
<b>Department of Biochemistry</b>				
1.	Naresh, K.G.	Citrate synthase (cs) gene over expression in the transgenic <i>Pseudomonas fluorescens</i> harboring phosphoenolpyruvate carboxylase (ppc) gene for improved organic acid secretion	DBT	30,65,000
		Metabolic engineering of <i>Enterobacter asburiae</i> PS13 for sucrose dependent mineral phosphate solubilization (MPS) phenotype	CSIR	18,16,000
2.	Begum, R.	Correlation of poly (ADP- ribose) polymerase activation and mitochondrial change under oxidative stress induced cell death in <i>Dictyostelium</i>	DBT	46,26,800
<b>Department of Botany</b>				
1.	Albert, S. Pandya, N.R.	Fruit seeds and Seedlings	Working Plan Circle Forest Dept., Govt. of Gujarat	6,00,000
2.	Daniel, M. Nagar, P.S.	Medicinal Plant Garden for Ex-Situ conservation, Propagation and Demonstration	National Medicinal Plant Board, New Delhi	11,00,000
3.	Krishnayya, N.S.R.	Exploring hyper spectral data use for forest Biophysical and Biophysical and Biochemical parameter estimation	Space Applications Centre, ISRO, Ahmedabad	6,04,000
4.	Rajput, K.S.	Pattern of Wood formation in some climbing species	UGC	6,20,000
<b>Department of Chemistry</b>				
1	Ghalsasi, G.	Studies on Organic-Inorganic hybrid compounds: towards designity of Novel maltiferoids.	DST-SERC	19,48,000
2	Bedekar, A.V.	Synthesis and Application of Novel helical Molecules	DST, New Delhi	32,70,000
3	Trivedi, B.M. Chakraborty, D.C.	Synthesis and study of transition metal complexes with betti base and analogs	UGC, New Delhi	8,88,800
4.	Patel, A.U.	Functionalized polyoxometalates synthesis, characterization & asymmetric oxidation of alkenes	DST, New Delhi	14,08,000
		Friedel-crafts acylation of phenol based subsbates catalyzed by supported heteropolyacids	BRNS, BARC, Mumbai	11,00,000
5.	Jadeja, R.N.	Acyl purazolone analogues: Synthesis, Characterization, Metal Complex preparation and some theoretical interpretation	UGC, New Delhi	90,000
6	Thakore, S.I.	Synthesis and charaterizatin of bio and nanocomposites of natural rubber and polymer	UGC, New Delhi	6,43,800
7.	Soni, H.P.	Synthesis, Characterisation & Evaluation of biological Activity of Prostanoid analogues & homologues	UGC, New Delhi	1,00,000

**Department of Mathematics**

1	Patadia, J.R.	NBHM Library Grant	National Board for Higher Mathematics DAE, DST, GOI	3,00,000
---	---------------	--------------------	--	----------

**Department of Microbiology**

1.	Chattoo, B.B.	Production of anti TNF alpha using different expression systems for cost effectiveness	DBT, New Delhi	35,25,000
		RNA silencing as a tool for exploring gene function in the rice blast fungus <i>Magnaporthe grisea</i>	DBT, New Delhi	1,03,20,000
		Advanced Study in Molecular Genetics	Private Donation (Shri P.N.Gurjar)	1,00,00,000
2.	Desai, A.J., Nerurkar, A.	Development of a bench scale process for the treatment of ammonia containing effluent	GNFC, Bharuch	14,09,000
		Reducing the COD of deitrifying reactor outlet	GNFC, Bharuch	1.00,000
3.	Desai, A.J.	UGC-DRS Programme	UGC, New Delhi	45,00,000
4.	Bagchi, T.	PCR based CTL assay for screening recombinant MTR antigens	DBT, New Delhi	30,95,000
5.	Nair, M.	Micro RNAs in <i>E. coli</i> and other plant pathogenic bacteria	DBT, New Delhi	41.02,000

**Department of Physics**

1.	Sharma, A.C.	Electrochemical synthesis of organized low dimensional group II-IV semiconductors and the study of relaxation processes and scattering rules	DST, New Delhi	24,12,000
2.	Singh, N.L.	Complete and incomplete fusion reactions involving loosely bound stable projectiles from the analysis of recoil range and light particle Measurements	DAE-BRNS	13,98,000
		Effect of SHI irradiation on magnetic and Dielectric properties of Transition Metal embedded polymer matrix	IUAC(UGC) New Delhi	2,61,000
3.	Sarkar, M.	Ion beam irradiation effect in DMSA thin film	IUAC, New Delhi	2,61,000

**Department of Zoology**

1	Suresh, B.	Role of basic fibroblast growth factor (FGF-2) on epimorphic regeneration	DST, New Delhi	37,50,000
2	Pillai, P.	Characterization of the molecular mechanism involved in developmental endocrine disruptions by Lead and Cadmium	UGC, New Delhi	80,000
3	Devkar, R.V.	Melatonin and molecular aspects of fin regeneration in teleost fish	UGC, New Delhi	54,000
4	Padate, G., Sandhya, K., Joshi, A., Pillai, S.	A study of Biodiversity of Wadhvana Reservoir	Forest Department, Vadodara Circle	3, 67, 800

# The Maharaja Sayajirao University of Baroda

## B. PROJECTS CONTINUED FROM PREVIOUS YEAR

Sr. No.	Name(s)	Title	Date of award	Funding Agency	Grant in Rupees(Lakhs)
<b>Department of Biochemistry</b>					
1.	Begum, R.	Studies on single Nucleotide polymorphism of Vitiligo Susceptibility Genes in Gujarat population	2006	UGC	10,66,000
2.	Gupta, S.	Evaluation of islet neogenic potential in experimental models ( in vitro and in vivo ) using herbal plant <i>Enicostemma Littorale</i> Blume extract and its purified fractions	February 2007	DBT	49,98,000
3.	Pohnerkar, J.	Sequencing and functional analysis of antibacterial polyketide genes of <i>Streptomyces flaviscleroticus</i>	2005	DBT	38,6,000
<b>Department of Botany</b>					
1.	Arya, A. Albert, S.	Histological, Biochemical and control studies on Timber degrading fungi of Gujarat	August 19, 2005	DST New Delhi	9,90,000
2.	Arya, A.	Restoration of certain mining sites of Gujarat by application of VAM Fungi	December 2006	MoEF New Delhi	8,72,880
3.	Daniel, M. Raole, V.M.	In Depth Study..... Bioprospecting	March 2004	UGC	6,96,000
4.	Krishnayya, N.S.R.	Carbon sequestration and sink potential of the soils of Baroda window, Gujarat	January 1, 2006	DST, Govt. of India, New Delhi	10,49,000
5.	Rajput, K.S.	Histological, Histopathological and biochemical study on diseased forest trees	August 2006	Department of Bio-technology (DBT) New Delhi	22,60,000
6.	Daniel, M.	D S T Sponsored FIST Programme	November 2006	DST	28,00,000
<b>Department of Chemistry</b>					
1.	Padmaja, P. S.	Synthesis & Characterization of Barbitol derivatives of chitosan for separation of mercury	2005	DST	5,82,000
		Use & Low cost non-conversional Biomaterials palm shell for recovery and removal of heavy metals and radionuclear	2006	BRNS	15,00,000
2.	Patel, A.U.	Unsupported & supported transition metal substituted polyoxometalates for oxidation of alkenes & alcohols	2006	UGC, New Delhi	5,06,000
<b>Department of Geography</b>					
1.	Bhatt, B.	Land Cover & Land Use Change Analysis of Vadodara Taluka using RS & GIS	April 1, 2006	DST	12,16,000

		Environmental impact Assessment of Land Use Changes in Narmada Window of Gujarat Plains : A Study of Narmada Kim Interfluvial Belt	April 1, 2006	DST	8,00,000
<b>Department of Geology</b>					
1	Bhatt, N.P.	High resolution shallow subsurface studies on the Late Quaternary sequences from Gulf of Kachchh coast, Kachchh window, Gujarat	December 20, 2005	DST	6,88,000
2	Bhatt, N.Y. Patel, S.J.	Subsurface bioturbation patterns in a modern tidal flat environment along the Navinal coast, Gulf of Kachchh, Gujarat	February 8, 2006	DST	7,00,000
3	Maurya, D.M.	Subsurface Quaternary stratigraphy and tectono-geomorphic evolution of Great and Little Ranns of Kachchh, western India	December 20, 2005	DST	7,24,000
4	Patel, S.J. & Bhatt, N.Y.	Ichnology of the Mesozoic sediments of Mainland Kachchh, western India	December 12, 2003	DST	9,70,000
5	Sant, D.A., K., Krishnan, G. Rangrajan,	Characterization of Quaternary sediments from Lower reaches of Narmada valley with special reference to climatic and cultural evolution	March 1, 2006	DST	7,78,000
6	Tiwari, K.C. Joshi, A.V.	Active Rift systems of Kutch, Narmada and Cambay using GPS Geodesy	January 29, 2004	DST	57,11,329
<b>Department of Microbiology</b>					
1	Chattoo, B.B.	Indo Israel Joint project on Plant SUMO conjugates-its role in biotic stress	August 1, 2006	DST, New Delhi	5,76,600
		Indo UK Joint Project on Molecular analysis of disease resistance signaling	August 1, 2006	DBT, New Delhi	50,00,000
		A systems biology approach to the study of pathogenicity in the rice blast fungus <i>M. grisea</i>	July 1, 2006	DBT, New Delhi	50,59,000
		Centre of Excellence in Micro array facilities	April 1, 2005	GSBTM, Gandhinagar	97,70,000
		NMITLI Project on Devp. of novel fungicides	April 1, 2005	CSIR, New Delhi	44,40,000
2	Desai, A.J.	Development of a biosystem producing microbial metabolites ..... microbial enhanced oil recovery	October 2004	ONGC, Ahmedabad	19,35,220
3	Bagchi, T.	Study of lactobacillus adhesion to CaCO <sub>2</sub> cells	September 2006	DBT, New Delhi	21,25,000
4	Desai, A.J. Nerurkar, A.S.	Isolation of Bioactive Compounds from Osmotolerant Bacteria from Different Marine Habitats	April 2004	CSIR	12,97,000

## The Maharaja Sayajirao University of Baroda

5	Desai, A.J. Nerurkar, A.S.	Development of a Biosystem Producing Microbial Metabolites such as Biosurfactants / Biopolymers as Feed Stock for Microbial Enhanced oil Recovery	August 2004	IRS-ONGC Ahmedabad	19,35,220
6	Nair, M.	Strategy to increase omega-3 fatty acid content in the food employing Omega-3 desaturase expressed in yeast	December 2005	DBT, New Delhi	39,69,000
7	Archana, G.	Isolation, identification and characterization of genes for Azo dye degradation : An approach towards construction of efficient bioremediation strain	September 2006	DBT, New Delhi	23,48,000
		Microbially mediated alleviation of heavy metal toxicity to plants and community changes in rhizosphere populations upon metal pollution using copper as model	April 2005	GSBTM, Gandhinagar	13,68,400
		Bacterial community structure and activity in shallow subsurface soils of Baroda window in relation to land use	February 2006	DST, New Delhi	13,72,000
8	Archana, G.	Microbially Mediated Alleviation of Heavy Metal Toxicity to Plants and Community Changes in Rhizosphere Populations upon Metal Pollution using copper as model	April 2005	GSBTM	13,68,400
		Bacterial Community Structure and Activity in Shallow Subsurface Soils of Baroda Window in Relation to Land Use	February 2006	DST	13,72,000
9	Priya, P.	Development of an Eco-Friendly Technology for Application in Leather Processing	January 2006	DST New Delhi	5,35,335
<b>Department of Physics</b>					
1.	Desai, C. F.	UGC-DRS Phase-III	November 2007	UGC	48,51,000
2.	Kanchan, D.K.	Transport mechanism in Silver Oxysalt based Amorphous Super Ionic Conductors	May 2006	DST, New Delhi	20,81,898
3.	Mehta, P. K.	Structure dielectric and transport study of partial substitution of Eu at a site in Barium Ion Niobate compound	March 11, 2006	UGC-DAE CSR, Indore Centre	3,06,000
		Swift heavy ion induced modifications in thin films of relaxor ferro-electrics and dielectrics	January 19, 2007	IUAC, New Delhi	2,61,000

4.	Mukherjee, S.	Measurement of Linear momentum transfer in the complete and incomplete fusion process	January 2005	UGC-DAE Centre for Scientific Research Kolkata	5,00,000
		Mass asymmetry and alpha cluster effects in reactions with weakly bound nuclei	March 2007	Inter University Accelerator Centre, New Delhi	3,57,000
5.	Sarkar, M.	Study of DMSA system	February 2007	UGC-DAE, Indore	90,000
<b>Department of Zoology</b>					
1	Vachhrajani, K.D., Mankodi, P.C.	Benthic fauna of Mahi Estuary : Habitat characteristics and population ecology	Department of Science and Technology, GOI, New Delhi Implemented from April '06.	DST, New Delhi	7, 67,000

## 4. (A) BOOKS &amp; EDITED VOLUMES PUBLISHED

Sr. No.	Author(s)/ Editor(s)	Title	Name Publisher, Year & Place of Publication
<b>Department of Botany</b>			
1	Arya, A. Monaco, C.,	Seed Borne Diseases: Ecofriendly Management	Scientific Publishers (India), 2007, Jodhpur
2.	Daniel, M.	Herbal Technology : Concepts and Approaches	Satish Serial Publishing House, 2008, New Delhi
<b>Department of Chemistry</b>			
1	Samnani, P. B.	Chem-Companion: Graduate Chemistry Practicals	Zenith Books International, 2008, New Delhi
<b>Department of Mathematics</b>			
1.	Patadia, J.R.	The Mathematics Student, Vol. 75, No 1-4, (2006)	A periodical published by The Indian Mathematical Society, October 2007, Pune
2.	Das, T.K.	Far East Journal of Dynamical Systems, Vol. 9, issue 3, Pages 345-512, Vol. 10, issue 1, Pages 1-143	Pushpa Publishing House, October 2007 and February 2008, Allahabad
<b>Department of Physics</b>			
1.	Kanchan, D.K., Sharma, P., Pant, M., Jaysawal, M.	The Conductivity Studies of Super Ionic Silver Iodide Vanado-Tellurite Glass System	Asian Society for Solid State Ionics, Macmillan India Ltd., 2008, Delhi

(C) PUBLISHED ARTICLES/PAPERS IN JOURNAL(S) / EDITED VOLUMES

Sr. No.	Author(s)	Title	Name of Journal, Volume, Number, Page No. Month & Year
<b>Department of Biochemistry</b>			
1.	Shah, M. H., Telang, S.D., Shah, P.M., Patel, P.S.	Tissue and Serum Alpha 2-3- and Alpha 2-6- Linkage Specific Sialylation Changes in Oral Carcinogenesis	Glycoconj. J., vol 25, pp 279-290, 2008
2.	Shajil, E.M., Laddha, N.C., Chatterjee, S., Gani, A.R., Malek, R.A., Shah, B.J., Begum, R.	Association of Catalase T/C Exon 9 and Glutathione Peroxidase Codon 200 Polymorphisms in Relation to their Activities and Oxidative Stress with Vitiligo Susceptibility in Gujarat Population	Pigment Cell Res. vol 20, pp 405-407, 2007
3.	Rajawat, J., Vohra, I., M.ir, H., Gohel, D., Begum, R.	Effect of Oxidative Stress & involvement of Poly (ADP – Ribose) Polymerase (PARP) in Dictyostelium Discoideum Development	FEBS Journal, vol 274, pp 5611- 5618, 2007
4.	Laddha, N.C., Dwivedi, M., Shajil, E.M., Marfatia, Y.S. Begum, R.	Association of PTPN 22 Polymorphism with Vitiligo Susceptibility in Gujarat Population	J Dermatol Sci, vol 49, pp 260-262, 2008
5.	Patel, D.K., Archana, G. Naresh, K.G.	Variation in the Nature of Organic Acid Secretion and Mineral Phosphate Solubilization by Citrobacter Sp. in the Presence of Different Sugers	Current Microbiology, vol 56, pp 168-175, 2008
6.	Karunakaran, R., Mehta, O., Kunjadia, P., Apte, S.K., Naresh, K.G.	Excision of Anabaena PCC 7120 Nifd Element in Escherichia Coli : Growth Kinetics and Reca Regulated Xisa Expression and DNA Rearrangement	Bioresource Technology, vol 99, pp 4551-4558, 2008
7.	Saiyed, Z.M., Sharma, S., Godawat, R., Telang, S.D., Ramchand, C.N.	Activity and Stability of Alkaline Phosphate (ALP) Immobilized on to Magnetic Nanoparticles (Fe <sub>3</sub> O <sub>4</sub> )	J. Biotechnol., vol 131, pp 240-244, 2007
8.	Shah, G.R., Karunakaran, R., Naresh, K.G.	In Vivo Restriction Endonuclease Activity of Anabaena PCC 7120 Xisa Protein in Escherichia Coli	REs. Microbiol., vol 158, pp 679-684, 2007
9.	Laxmipriya, P., Agrawal, A., Gupta, S.	Effect of Co- Exposure of Lead of Cadmium on Anti-Oxidant Status of Rat Granulose Cells	Archieves of Toxicology, vol 81, pp 145-150, 2007

10. Vekaria, H., Sadagopan, K., Aolamec, J., Jarori, G.K., Prabha, C.R. Thiol Stress Induces Catalase A in *Streptomyces Coelicolor* Communicating Current Research and Educational Topics and Trends in Applied Microbiology (A. Mendez Vilas Ed) vol. 1, pp 246-254, 2007
11. Modi, H.R., Katyare, S.S., Patel, M.A. Ageing – Induced Alterations in Lipid / Phospholipids Profiles of Rat Brain and Liver Mitochondria: Implication for Mitochondrial Energy-Linked Functions J. Membr Biol, vol 221, pp 51-60, 2008
12. Katyare, S.S., Modi, H.R., Patel, S.P., Patel, M.A., Thyroid Hormone- Induced Alterations in Membrane Structure- Function Relationships: Studies on Kinetic Properties of Rat Kidney Microsomal Na(+), K (+) – ATPase And Lipid / Phospholipid Profiles J. Membr Biol, vol 219, pp 71-81, 2007
13. Katyare, S.S., Patel, S.P., Modi, H.R. Diabetic Modulation of the Temperature Kinetics Properties of Cytochrome Oxidase Activity in Rat Brain Mitochondria Neurochem Res., vol 33, pp 422 – 429, 2007
14. Pandya, J.D., Agrawal, N.A., Katyare, S.S., Dexamethasone Treatment Differentially affects the Oxidative Energy Metabolism of Rat Brain Mitochondria in Developing and Adult Animals Int. J. Dev Neurosci, vol 25, pp 309 – 316, 2007
15. Modi, H.R., Patel, S.P., Katyare, S.S., Patel, M. Thyroid Hormone Treatments Differentially affect the Temperature Kinetics Properties of F0F1 ATPase and Succinate Oxidase as well as the Lipid / Phospholipid Profiles of Rat Kidney Mitochondria: A Correlative Study J. Membr Biol, vol 215, pp135 – 145, 2007
16. Patel, S.P., Patel, M.A., Modi, H.R., Katyare, S.S., Improved Method for Estimation of Inorganic Phosphate Implications for Its Application in Enzyme Assays Indian J. Biochem Biophys., vol 44, pp 88-93, 2007
17. Patel, M.A., Katyare, S.S. Effect of Dehydroepian-drosterone (DHEA) Treatment on Oxidative Energy Metabolism in Rat Liver and Brain Mitochondria: A Doseresponse Study Clin Biochem, vol 40, pp 57-65, 2007

**Department of Botany**

1. Arya, C., Arya, A. Aeromycoflora of Fruit Markets of Baroda, India and Associated Diseases of Certain Fruits Aerobiologia, Pub. Online, vol. 23: pp. 283-289, September 5, 2007
- Black Rot of Sponge Groud caused by *Fusarium Pallidoroseum* (Cooke) Sacc J. Mycol. Pl. Pathol, vol 37(3): pp 530-531 2008
2. Christian, B., Krishnayya, N.S.R. Spectral Signatures of Teak (*Tectona Grandis L.*) using Hyperspectral (EO-1) Data Current Science, vol 93(9), pp1291-1296, November 2007

- |   |   |  |   |
|---|---|--|---|
| 3 | Raole, V.M.,<br>Sandhya, K.G.,<br>Barot, K.A. | Morphometric Analysis of<br>some Poaceae and Cyperaceae<br>Members from Unjha Taloka                                 | Range Mgmt. and Agro Forestry, vol 28,<br>pp 316-317, 2007        |
| 5 | Rajput, K.S.,<br>Rao, K.S.,<br>Kim, Y.S.      | Cambial Activity and Wood<br>Anatomy in <i>Prosopis Spicigera</i><br>Affected by Combined Air<br>Pollutants          | Journal IAWA, vol 29, pp 209-219<br>(The Netherlands), March,2008 |
| 6 | Sandhya, K.G.,<br>Mudaliar, A.                | Effect of NaCl on <i>L.Esculentum</i><br>during Germination Stage  | Bioscience Reporter, vol 6(2), 2008                               |
| 7 | Verma, S.,<br>Verma, H.N.,<br>Arya, A.        | Fungitoxic Effect of Systemic<br>Resistance Inducing Protein<br>(CA SRIP) in Ginger under<br>Storage by Fusarial Rot | Indian Phytopath, vol 60(2) pp 268-270                            |

**Department of Chemistry**

- |   |  |   |   |
|---|--|---|---|
| 1 | Pal, A.,<br>Shah, S.,<br>Devi, S.                                  | Preparation of Silver-Gold Alloy<br>Nanoparticles at Higher<br>Concentration using<br>Sodiumdodecyl Sulphate                  | Aus. J. Chem., vol. 61, pp 66-71, 2008                    |
|   |  | Synthesis of Au, Au And Au-Ag<br>Alloy Nanoparticles in Aqueous<br>Polymer Solution   | Colloids and Surf. A : vol 302, pp 51-57, 2007            |
|   |  | Preparation of Silver, Gold And<br>Silver-Gold Bimetallic<br>Nanoparticles in W/O<br>Microemulsion Containing<br>Triton X-100 | Colloids and Surf. A : vol 302, pp 483-487, 2007          |
| 2 | Desai, P.D.,<br>Dave, A.M.,<br>Devi, S.                            | Chemoselective Hydrolysis of<br>Methyl 2-Acetoxy-Benzoate<br>using Free and Entrapped<br>Esterase in K-Carrageenan<br>Beads   | J.Appl. Polym. Sci. vol 108, pp 2617-2622, 2008           |
| 3 | Shah, S., Pal, A.,<br>Rajyaguru, T.,<br>Murty, R.S.R ,<br>Devi, S. | Lamotrigine Loaded<br>Polyacrylate Nanoparticles<br>Synthesized through Emulsion<br>Polymerization                            | J. Appl. Polym. Sci. vol 107, pp 3221-3229, 2008          |
| 4 | Tandel, R.C.,<br>Vora, R.A.  | Synthesis and Study of 4-(4'-n-<br>Alkoxy Benzoyloxy Benzoyl)<br>-4''-n - Butoxy Anilides                                     | J. Liquid Cryst. : vol 12, pp 1369-1375, 2007             |
|   |  | Chiral Smectic C Mesogens<br>having Ester and Amide<br>Central Linkage  | J. Mol. Cryst. Liquid Cryst. vol 482,<br>pp 103-116, 2008 |
|   |  | Mesogenic Amido Ester with<br>Cholesteryl Moiety  | J. Phase Transitions. vol 81(5), pp 421-429,<br>2008      |
|   |  | Fluorescent Mesogenic<br>Polymers with Chalcone<br>Linkage  | Oriental J. Chem., vol no 23(3), pp 971-976,<br>2007      |
| 5 | Tandel, R.C  | Synthesis and<br>Characterization of Acrylate<br>Polymers with Flexible Spacers<br>and Cholesteryl Moiety                     | Oriental J. Chem., vol 23(3), pp 1005-1010,<br>2007       |

- |    |   |   |   |
|----|---|---|---|
| 6  | Patel, A.U., Bhatt, N.  | Fresh & Calcinated Supported 12-Tungstosilicic Acid: Synthesis, Characterization and Application to Soule Acid Catalyzed Reactions  | J. Mol. Catal. A, vol 275, pp 14, 2007  |
|    |   | Cyclohexylation of Phenol over a Solid Acid Catalyst Comprising 12-Tungstophosphoric Acid and Hydrous Zirconia  | Ind. J. Chem. Sect-A, vol 47A, pp 387, 2008                                   |
| 7  | Patel, A.U.,<br>Bhatt, N., Shah, C.                               | 12 Tungstophosphoric & 12-Tungstosilicic Acid Supported onto Hydrous Zirconia for Liquid Phase Test-Butylation of M-Cresol  | Catal. Lett. vol 117, pp 146, 2007  |
| 8  | Soman, S.S., Patel, J.M.  | Regioselective Acylodehydration of O-Hydroxyacetylanoxy Ketones   | J. Heterocyclic Chem., vol 44, pp 945-949, 2007                               |
| 9  | Samnani, P.B.,<br>Kumar, K.S.,<br>Sahoo, S.P., Patel, N.R.        | A simple method for Simultaneous Determination of Aspirin and Paracetamol in Treated Municipal Sewage Water in Vadodara   | Env. Sci.,- An Indian Journal, vol 2(3), pp 194-199 2007                      |
| 10 | Pal, R., Kumar, K.S.,<br>Samnani, P.B.                            | A New Method for Spectrophotometric Determination of Paracetamol  | Anal. Chem. - An Indian Journal, vol 6, pp 96-100, 2007                       |
| 11 | Jadeja, R.N., Shah, J.R   | Studies on some Oxovanadium Complexes of Acyl Parazolone Analogues  | Polyhedron, vol 26, pp 1677-1685, 2007  |
| 12 | Shah, D., Jadeja, R.N.  | 'Shamudri Shaiwal Na Upayogo' (Gujarati)  | Shristi, vol 44 , pp 8-9, 2007  |
| 13 | Thaker, B.T.,<br>Surti, K., Oswal, S.,<br>Jadeja, R.N., Gupta, V. | Synthesis, Spectral, Thermal and Crystallographic Investigations on Oxovanadium (V) and Manganese (III) Complexes Derived from Heterocyclic $\beta$ -Diketone & 2-Amino Ethanol | Struct. Chem. (2007), vol 18(3) pp 295-310, 2007                              |
| 14 | Jadeja, R.N., Tewari, A.  | Effect of Soda Ash Industry Effluent on Bioaccumulation of Metals by Seaweeds of Coastal Region of Gujarat, India   | J. Hazardous Material, vol 147, pp 148-154, August 2007                       |
|    |   | Effect of Soda Ash Industry Effluent on Protein Content of Two Green Seaweeds   | J. Hazardous Material, vol 151, pp 559-561, March 2008                        |
| 15 | Soni, H. P., Parmar, D.,<br>Patel, N., Chawda, M.,<br>Bodas, D.   | Formation of ZnS Nanorods Entrapped in Polyacrylic Acid (PAA) Film  | Materials letters, vol 62, pp 2700-2703, 2008                                 |
| 16 | Kabiru-Din, U. S.,<br>Kumar, S.                                   | Viscometric Studies on Aqueous Gemini Micalles in the Presence of Additives   | Colloids and Surfaces A: Physicochem. Eng. Aspects, vol 301, pp 209-213, 2007 |

## The Maharaja Sayajirao University of Baroda

- |    |  |  |  |
|----|--|--|--|
| 17 | Govind, A.,<br>Kamil, M., Kabirud-Din,<br>Kumar, S.  | Microemulsion Systems from<br>Petro-Fuels: Formation and<br>Water Solubilization | Indian Chemical Engineers, vol 49(3),<br>pp191-195, 2007 |
| 18 | Kabirud-Din,<br>Khan, Z.A., Kumar, S.,<br>Tanwer, A. | A Viscometric Study of Tuning<br>Miceller Morphology by Organic<br>Additives     | Colloid Polym. Sci., vol 286, pp 335-341, 2008           |

### Department of Geography

- |   |                              |  |  |
|---|------------------------------|--|--|
| 1 | Ansari, A.A.                 | River Bottom Profile Analysis of<br>The Kosi                                     | Geography in Delhi : Research Themes &<br>Perspective -(2) , B.Thakur (Ed), pp 86-90,<br>November, 2007                |
| 2 | Dash, N.R.                   | Vision & Action : Geography<br>2005-2020   | Journal of the Maharashtra Bhoogol Parisad,<br>Vol-III, pp 1-8, 2007   |
| 3 | Kanchan, R.,<br>Shukla, S.K. | Inter District Variations in Levels<br>of Development in Gujarat                 | Indian National Geographer, Vol 21, No 1 & 2,<br>pp 81-88, 2007  |
| 4 | Kanchan, R.                  | Industrialisation, Environment<br>& Health : A Case Study of<br>Ankleshwar GIDC. | Environment, Management & Sustainable<br>Development, Pagare, P. (Ed.) pp. 148-155,<br>M.B.D. Publishers, Jaipur, 2007 |

### Department of Geology

- |   |   |  |   |
|---|---|--|---|
| 1 | Joshi, A.V.,<br>Biswas, S.K.  | Studies on Surface Features of<br>Quartz Grains of Quaternary<br>Succession of Lower Tapi River<br>Basin, South Gujarat – Their<br>Environmental Implications. | Man and Environment, vol XXXII (1); pp 23-32,<br>2008                 |
| 2 | Joshi, A.V.   | New Observations on the<br>Lameta Formation – Deccan<br>Trap Contact in Narmada Basin,<br>Western India – Implication for<br>Terminal Cretaceous Events        | Bulletin of Pure and Applied Sciences,<br>vol 26-F, pp 27-36, 2007    |
| 3 | Patel, S. J.,<br>Bhatt, N.Y.,<br>Desai, B.G.  | Asteriacites Quinquefolius –<br>Asteroid Trace Maker from the<br>Bhuj Formation (Lower<br>Cretaceous) of the Mainland<br>Kachchh, Western India                | Jour: Geol Soc. Ind., vol 71, pp 129-132,<br>January, 2008            |
| 4 | Patel, S. J.,<br>Desai, B.G.<br>Vaidya, A.D., Shukla, R.                                  | Middle Jurassic Trace Fossils<br>from Habo Dome, Mainland<br>Kachchh, Western India  | Jour. Geol Soc. Ind. Vol 71, pp 345-362, March,<br>2008               |
| 5 | Patidar, A.K.<br>Maurya, D.M.<br>Thakkar, M.G.<br>Chamyal, L.S.                           | Evidences of Neotectonic<br>Reactivation of The Katrol Hill<br>Fault (KHF) During The Late<br>Quaternary And Its GPR<br>Characterization                       | Current Science, vol 94, pp 338-346, 2007                             |
| 6 | Shukla, S.B.,<br>Patidar, A.K.,<br>Bhatt, N.P.  | Application of GPR In The Study<br>of Shallow Subsurface<br>Sedimentary Architecture of<br>Modwa Spit, Gulf of Kachchh   | Journal of Earth System Sciences. Vol 117,<br>2007                    |
| 7 | Trivedi, Y. N.,<br>Deota, B. S.,<br>Rathore, B. P.,<br>Bahuguna, I. M.,<br>Kulkarni, A.V. | IRS Images For Glacial<br>Geomorphological Studies of<br>Baspa Valley  | Indian Journal of Geomorphology,<br>vol 11&12, (1&2) , pp 79-90, 2007 |

**Department of Mathematics**

- 1 Vyas, R.G. On the Absolute Convergence of Fourier Series of Functions of  $\Delta BV^{(p)}$  And  $\Phi \Delta BV$  Georgian Mathematical Journal, vol 14, -4, pp 769-774, 2007
- 2 Thomas, V.O., Ratanpal, B.S. Non-Adiabatic Gravitational Collapse with Anisotropic Core International Journal of Modern Physics – D, vol 16, No.9, pp 1979-1495, 2007

**Department of Microbiology**

- 1 Gupta, A., Chattoo, B.B. A Novel Gene MGA1 is required for Appressorium Formation in *Magnaporthe Grisea* Fungal Genetics and Biology, vol 44, pp 1157-1159, 2007
- 2 Tendulkar, S.R., Saikumari, Y.K., Patel, V., Raghotama, S., Munshi, T., Balaram, P., Chattoo, B.B. Isolation, Purification and Characterization of an Antifungal Molecule produced by *Bacillus Licheniformis* BC98, and its Effect on Phytopathogen *Magnaporthe Grisea* J. Appl. Microbiol, vol 103(6), pp 2331-39, 2007
- 3 Munshi, T. K., Chattoo, B. B. Bacterial Population Structure of the Jute Retting Environment Microbial Ecology, vol 56, pp 270-282, 2007
- 4 Joshi, S., Bharucha, C., Jha, S., Yadav, S., Nerurkar, A., Desai, A. Biosurfactant Production using Molasses and Whey under Thermophilic Conditions Bioresource Technology, vol 99, pp 195-199, 2008
- 5 Joshi, F.R., Kholiyaa, S.P., Archana, G., Desai, A.J. Siderophore Cross-Utilization amongst Nodule Isolates of the Cowpea Miscellany Group and its effect on Plant Growth in the Presence of Antagonistic Organisms Microbiological Research, vol 163(5), pp 564-70, 2008
- 6 Shukla, M., Chaturvedi, R., Tamhane, D., Vyas, P., Archana, G., Apte, S., Bandekar, J., Desai, A. Multiple-Stress. Tolerance of Ionizing Radiation - Resistant Bacterial Isolates obtained from Various Habitats:Correlation Between Stresses Current Microbiology, vol 54, pp 142-148, 2008
- 7 Joshi, S., Bharucha, C. Desai, A.J. Production of Biosurfactant and Antifungal Compound by Fermented Food Isolate *Bacillus Subtilis* 20B Bioresource Technology, vol 99: (11) , pp 4603-4608, 2008
- 8 Joshi, S., Yadav, S., Nerurkar, A., Desai, A.J. Statistical Optimization of Medium Components for the Production of Biosurfactant by *Bacillus Licheniformis* K51 Microbiol. Biotechnol, vol 17(20), pp 313-319, 2007
- 9 Joshi, F., Kholiya, S., Archana, G., Desai, A.J. Siderophore Cross- Utilization amongst Nodule Isolates of the Cowpea Miscellany Group and its Effect on Plant Growth in the Presence of Antagonistic Organisms Microbiological Research, vol 163: (5), pp 564-570, 2007
- 10 Rana, S.K., Bagchi, T. Development & Characterization of Monoclonal Antibodies against FMD Virus Type Asia 1ad Determination of Antigenic Variations in the Field Veterinary Immunology & Immunopathology, vol 122, pp 241-249, 2008

- |    |  |  |   |
|----|--|--|---|
| 11 | Shah, P., Jogani, V.,<br>Mishra, P.,<br>Mishra, A.K.,<br>Bagchi, T., Misra, A. | In Vitro Assessment of<br>Acyclovir Permeation Across<br>Cell Monolayers in the Presence<br>of Absorption Enhancers  | Drug Development and Industrial Pharmacy,<br>vol 34:3, pp 279-288, 2008 |
| 12 | Mukherjee, F.,<br>Jain, J., Patel, V.,<br>Nair, M.                             | Multiple Genus Specific Markers<br>Improve Specificity of Diagnosis<br>of Brucellosis in Field Animals   | J. Med. Microbiol, vol 56, pp 1369-1316, 2008                           |
| 13 | Geetha, R.,<br>Singh, F.,<br>Desai, A.J.,<br>Archana, G.                       | Enhanced Growth and<br>Nodulation of Pigeon Pea<br>by Co-Inoculation of Bacillus<br>Strains with <i>Rhizobium</i> Spp.   | Bioresource Technology, vol 99 , pp 4544-4550,<br>2008                  |
| 14 | Pillai, P.,<br>Archana, G.   | Hide Depilation and Feather<br>Disintegration Studies with<br>Keratinolytic Serine-Protease<br>from A Novel <i>Bacillus Subtilis</i><br>Isolate                                  | Appl. Microbiol. Biotechnol, vol 78, pp 643-650,<br>2008                |
| 15 | Patel, D.K.,<br>Archana, G.,<br>Naresh, K. G.,                                 | Variation in the Nature of<br>Organic Acid Secretion and<br>Mineral Phosphate Solubilization<br>by <i>Citrobacter</i> Sp. in the<br>Presence of Different Sugars                 | Curr. Microbiol, vol 56(2) ,pp 168-174. 2007                            |
| 16 | Geetha, R.,<br>Mistry, S.,<br>Desai, A. J.,<br>Archana, G.                     | Functional Expression of E.Coli<br>Fhua Gene in <i>Rhizobium</i> Spp.<br>of <i>Cajanus</i> <i>Cajan</i> Allows<br>Utilization of Fe <sup>3+</sup> :Ferrichrome<br>as Iron Source | Archives of Microbiology, vol 187, pp 257-264,<br>2007                  |
| 17 | Suthar, H., Hingurao, K.,<br>Desai, A.,<br>Nerurkar, A.                        | Evaluation of Bioemulsifier<br>Mediated Microbial Enhanced<br>Oil Recovery using Sand<br>Pack Column   | J. Microbiol. Methods, vol 75, pp 225-230, 2008                         |

**Department of Physics**

- |    |   |   |   |
|----|---|---|---|
| 1. | Asharf, S.S.Z.,<br>Sharma, A.C.,<br>Vyas, K.N.  | Magneto Structure Factor and<br>Pair Correlations Function for a<br>Semiconductor Quantum Wire              | J. Phy.Condens Matter, vol 19, pp 306201-217,<br>2007 |
| 2. | Tripathi, P.,<br>Sharma, A.C.   | Energy Exchange Rate in Non<br>Degenerate Electron Gas<br>confined to a GaAs<br>Heterostructure             | Modern Physics Letters, B29, pp 2009-17, 2007         |
| 3. | Asharf, S.S.Z.,<br>Ambavale, S.K.,<br>Tripathi, P.,<br>Sharma, A.C.                       | Dynamically Screened Electron<br>Acoustic Phonon Scattering in<br>Disordered Semiconductor<br>Quantam Walls | Solid State Physics (India), vol 52C, pp 825,<br>2007 |
| 4. | Shah, S., Singh, D.,<br>Qureshi, A., Gavde, C.,<br>Singh, N.L., Singh, K.P.               | Study of AC Electrical Properties<br>of Proton Irradiated Polymer<br>Composite                              | Solid State Physics,India, vol 52 pp 179, 2007        |
| 5. | Qureshi, A.,<br>Singh, D., Shah, S.,<br>Singh, N.L.,<br>Mehmet, E.,<br>Arif, N. Gulluoglu | Dielectric Behavior of Metal-<br>Polymer Composite for Emi<br>Shielding                                     | Solid State Physics, India vol 52, pp 181, 2007       |

6. Patel, H.B., Mukherjee, S., Singh, N.L. Preequilibrium Alpha Cluster Emission in the Reactions up to 65 Mev Nucl. Phys, India, vol 52, pp 363, 2007
7. Singh, N.L., Shah, S., Qureshi, A., Singh, K.P., Shrinet, V., Kulriya, P.K., Tripathi, A. Radiation Induced Modification of Organometallic Compound Dispersed Polymer Composites Radiation Effects and Defects in Solids, vol 163, pp 181-189, 2008
8. Qureshi, A., Shah, S., Singh, N.L., Singh, F., Avasthi, D.K. Ion Beam Modification of Polymethyl Methacrylate (PMMA) Polymer Matrix Filled with Organometallic Complex J. Macromolecule A, vol 45, pp 265-270, 2008
9. Shah, S., Singh, N.L., Qureshi, A., Singh, D., Singh, K.P., Shrinet, V., Tripathi, A. Dielectric and Structural Modification of Proton Beam Irradiated Polymer Composite Nuclear Instrument and Methods in Physics Research B, vol 266, pp 1768, 2008
10. Qureshi, A., Singh, N.L., Shah, S., Kulriya, P., Singh, F., Avasthi, D.K. Modification of Polymer Composite Films using 120 Mev Ni<sup>10+</sup> Ions Nuclear Instrument and Methods in Physics Research B, vol 266, pp 1775, 2008
11. Singh, N.L., Shah, S., Qureshi, A., Singh, F., Avasthi, D.K. Swift Heavy Ion Induced Modification in Dielectric and Microhardness Properties of Polymer Composites Polymer Degradation and Stability, vol 93 pp 1088-1093, 2008
12. Qureshi, A., Ayhan, M., Mehmet, S. Erođlu, Singh, N.L., Arif, N. Güllüođlu Dielectric Properties of Polymer Composites filled with Different Metals J. Macromolecule A, vol 45, pp 462-469, 2008
13. Shah, S., Qureshi, A., Singh, N.L., Singh, K.P., Avasthi, D.K. Dielectric Response of Proton Irradiated Polymer Composite Films Radiation Measurement, vol 43, pp 603-606, 2008
14. Shah, S., Qureshi, A., Singh, N.L., Singh, K.P., Ganesan, V. Modification of Polymer Composite by Proton Beam Irradiation Soft Materials, vol 6(2), pp 75-84, 2008
15. Singh, J.P., Lee, F.X. Mass and Width of Strange Baryon Resonances in QCD Sum Rules Physical Review C76, 065210 December 2007
16. Kanchan, D.K., Pant, M., Sharma, P., Jayswal, M. Thermoelectric Power and Electro Chemical Studies on CdI<sub>2</sub>-Ag<sub>2</sub>O-V<sub>2</sub>O<sub>5</sub>-B<sub>2</sub>O<sub>3</sub> System J. Solid State Electrochem.(Springer), vol 8, pp 13-17, 2008
17. Pant, M., Kanchan, D.K. Mixed Conductivity Studies in Silver Oxide based Barium Vanado-tellurite Glasses J. Mat. Sci & Engg. B, vol 149, pp 18-25, 2008
18. Gharekhan, A.H., Biswal, N.C., Gupta, S., Pradhan, A., Sureshkumar, M.B., Panigrahi, P.K. Characterization of Cancer and Normal Tissue Fluoresence through Wavelet Transform and Singalas Value Decomposition Biomedical Optical Spetroscopy, Proc. of SPIE, vol. 6853, 68531G-1 to 8
19. Bishnoi, B., Shah, D., Mehta, P.K., Shukla, D., Kumar, R. Structural and Dielectric Properties of Ba[Mr<sub>1-x</sub>(O<sub>x</sub>)<sub>1/3</sub>Nb<sub>2/3</sub>]O<sub>3</sub> (x=0.05) Solid State Physics, India, vol 52, pp 861-862, December, 2007

20. Shah, D., Bishnoi, B., Mehta, P.K., Dielectric Studies of  $Ba[Mr_{1-x}(O_x)_{1/3}Nb_{2/3}]O_3$  Compounds Solid State Physics, India, vol 52, pp 867-868 December, 2007
21. Kumar, K., Mukherjee, G., Mukhopadhyay, S., Krishichayan, S., Ray, S., Ghugre, S.S., Chakraborty, A., Sinha, A.K., Basu, S.K. Level Structure of Odd-Odd Nucleus  $^{54}Mn$  Journ. Phys. G: Nucl. Part. Physics, vol 35, pp 1-11, July 2007
22. Pradhan, A., Pandey, P., Jotania, K., Yadav, M.K. Plane Symmetric Viscous Fluid Models with Varying  $\gamma$ -Terms International Journal of Theoretical Physics, vol 46, pp 2774, 2007
23. Pradhan, A., Jotania, K., Singh, A. Magnetized String Cosmological Models in Cylindrically Symmetric in Homogeneous Universe with Time Dependent-Term. Brazilian Journal of Physics, vol 38, pp 167, 2008
24. Srinivas, M.N., Kanchan, D.K., Panchal, H.R., Fouram, S., Tawade, D. Photoluminescence Study of  $Er^{3+}$  Doped  $ZnO-B_2O_3-ZnF_2$  Proceedings of the 52<sup>nd</sup> DAESSP Symposium, vol 52, pp 1261, 2007
25. Mehta, R.V., Patel, R., Desai, R., Upadhyay, R.V., Parekh, K. Reply to Comment on Experimental Evidence of Zero forward Scattering by Magnetic Sphere Physical Review Letters, vol 98, pp 179702, April 2007
26. Gupta, A., Hongtao, C., Rao, K.V., Parekh, K., Raju, A.R., Waghmare, U.V., Effect of Transition Metal Ion Substitution on the Diluted Magnetic Semiconductor J. Appl. Phys., 101, 09 N 513, May 2007
27. Upadhyay, R.V., Parekh, K., Mehta, R.V. Spin Glass like Magnetic Ordering in Zn Substituted Magnetite Magnetic Fluid J. Magn. Resonance, vol 187, pp 324, August 2007
28. Hodgkins, R., Ahniyaz, A., Parekh, K., Lyubor, B., Lennart, B. Magn Nanocrystal Impregnation by Hydrophobic Surface Modification of Mesoporous Silica Langmuir, vol 23(17), pp 8838, July 2007
29. Parekh, K., Upadhyay, R.V., Mehta, R.V., Aswal, V.K. Experimental Investigation of nearly Monodispersed Ternary  $Mn_{0.5}Zn_{0.5}Fe_2O_4$  Magnetic fluid Magnetohydrodynamics, vol 44, pp 393, January 2008

**Department of Statistics**

1. Srivastava, R., Tanna, V. Double Stage Shrinkage Testimator of Scale Parameter of Exponential Life Model under General Entropy Loss Function Communications in Statistics (Theory & Methods), vol 36, pp 283-295, 2007
- Testimation of Mean Life in Presence of Suspected Outliers in Exponential Life Model under Asymm. Loss Function Sankhya Vigyan NSV 3, vol No.2, pp 1-12, 2007
2. Muralidharan, K., Lai, C.D., Khoo, B.C., Xie, M. Weibull Model allowing nearly Instantaneous Failures J. Applied Mathematics and Decision Sciences, Article ID 90842, 11 pages, 2008

- |    |  |   |   |
|----|--|---|---|
| 3. | Muralidharan, K.,<br>Chang, K.C.,<br>Chion, P.     | Conditional Interval Estimator<br>for the Ratio of Parameters in<br>PLP | J. Statistical Research, vol 41(2), pp 21-23, 2007                          |
| 4. | Muralidharan, K.,<br>Parikh, R.V.                  | Bayes Inferences on VMS<br>2007   | American J.MMS 27, vol (1&2) , pp 123-137,                                  |
| 5. | Kale, B.K.,<br>Muralidharan, K.                    | Masking Effect of Inliers   | JISA, vol 45(1), pp 33-49, 2007   |
| 6. | Muralidharan, K.,<br>Shah, R.,<br>Khandhukia, D.H. | Future Reliability Estimation<br>based as Predictive Distribution       | Quantitative Techniques & Quality<br>Management, vol 5(3), pp 193-201, 2007 |

**Department of Zoology**

- |   |  |   |  |
|---|--|---|--|
| 1 | Kumar, D.  | Role of Spiders as Bio-Control<br>Agents to Minimize the use of<br>Pesticides in the Agricultural<br>Fields of Vadodara, Gujarat        | J. Ecophysiol. Occup. Health, The Academy of<br>Environmental Biology, India , vol 7,<br>pp 101 – 106 , December , 2007              |
| 2 | Rathod, J.,<br>Padate, G.                                | A Comparative Study of Avifauna<br>of A-Sub-Urban Wetland and<br>an Irrigation Reservoir in Savali<br>Taluka, District Vadodara         | Proceeding of Taal 2007, The 12 <sup>th</sup> World Lake<br>Conference, pp 537-541<br>Sengupta, M. & Dalwani, R. (Editors), 2008     |
| 3 | Padate, G.,<br>Deshkar, S.                               | Influence of Narmada Water<br>Inundation on the Duck<br>Populations of Wadhawana<br>Irrigation Reservoir                                | Proceeding of Taal 2007, The 12 <sup>th</sup> World Lake<br>Conference, pp 537-541<br><br>Sengupta, M. & Dalwani, R. (Editors), 2008 |
| 4 | Vachhrajani, K.D.  | Correlation of Cellular<br>Distribution of Mercury and<br>Subsequent Impairment of<br>Spermatogenesis in Rat                            | J. Cell Tissue Research, vol 7, pp 1181 – 1188,<br>2007  |
| 5 | Vachhrajani, K.D.,<br>Mankodi, P.C.                      | Planktonic Diversity at Gopnath,<br>Coastal Saurashtra, Gujarat   | Indian J. Environment and EcoPlanning, vol 14,<br>pp 101 – 108, 2007   |
| 6 | Patankar, P.,<br>Desai, I.,<br>Shinde, K.,<br>Suresh, B. | Ecology and Breeding Biology<br>of the Cattle Egret ( <i>Bubuleus<br/>Ibis</i> ) in an Industrial Area at<br>Vadodara, Gujarat          | Zoos' Print Journal, vol 22 (11), pp 2885-2888,<br>2007  |
| 7 | George, R.,<br>Desai, I.,<br>Suresh, B.,<br>Naik, Y.M.   | The Burrowing Behaviour of<br><i>Sphaerotheca Rolandae</i> in an<br>Artificial Enclosure.   | Cobra, vol I (3), pp 17 – 19, 2007   |
| 8 | Roy, H.A.,<br>Verma, R.J.                                | Etiological Status of Leukaemia<br>Patients at Ahmedabad  | Journal of Current Science, vol 12(2), pp 08,<br>2008  |
| 9 | Suresh, B.,<br>Mukherjee, A.,<br>Roy, B.C., Pilo, B.     | Genotoxic Potential of<br>Cypermethrin + Quinalphos<br>(3+20)% EC with Referenceto<br>Chromosomal Aberration and<br>Micronucleus, Tert. | Toxicology: The Science of Poison, Avishkar<br>Publishers, Jaipur, India, 2007   |

## The Maharaja Sayajirao University of Baroda

### 5. (A) PAPERS PRESENTED AT INTERNATIONAL SEMINAR / CONFERENCE

Sr. No.	Author(s)	Theme, Organizing Body, Place & Date of Seminar/Conference	Title of Paper
<b>Department of Biochemistry</b>			
1	Mir, H., Rajawat, J., Davda, J., Vohra, I., Arora, M., Begum, R.	Poster Presentation at International Symposium of 'Developmental Biology', Holiday Inn, Agra, October 18-19, 2007	Role of Poly (ADP) Ribose Polymerase in UVC Induced Cell Death in D. Discoideum
2	Rajawat, J., Mir, H., Gupta, R., Pradhan, S., Vohra, I., Begum, R.	Poster Presentation at International Symposium of 'Developmental Biology', Holiday Inn, Agra, October 18-19, 2007	Differential Role of Poly (ADP) Ribose Polymerase in Paraptotic and Necrotic Cell Death in D. Discoideum
<b>Department of Botany</b>			
1	Arya, A., Misra, R., Arya, C.	2nd Asian Congress of Mycology and Plant Pathology on 'Microbial Diversity for Asian Prosperity', Hyderabad, December 19-22, 2007	Mycoflora Associated with Certain Medicinal Plant Parts and Production of Aflatoxin by two Species of Aspergillus
2	Nagesh, Ch.	International Symposium on Applied Phycology and Environmental Biotechnology", Biological Sciences Group, BITS Pilani, Rajasthan, October 29-31, 2007	Effect of Neem Cake on Heterocystous Blue Green Algae
<b>Department of Chemistry</b>			
1	Jadeja, R.N., Tewari, A.	2nd International Conference on 'Pollution Ecology', Guilin, China. "Invited key note lecture"	Effect of Soda Ash Industry Effluent on Agarophytes and Alginophates of West Coast of India
<b>Department of Geography</b>			
1	Ansari, A.A., Gupta, V.	International Geographical Union (Igu) on 'Landuse & Land Cover Changes & Agro Diversity', Lucknow, March 7-8, 2008	Landuse & Environmental Change in Kutch District, Gujarat
2	Shukla, P., Ansari, A.A.	International Geographical Union (Igu) on 'Landuse & Land Cover Changes & Agro Diversity', Lucknow, March 7-8, 2008	Shifting Agricultural Pattern Degradation & Management : A Study of Gujarat
3	Ansari, A.A., Mekvan, A.K.	'Globalisation, Technology & Economic Transformation : The Deccan Geographical Society', organized by Barkatullah University, Bhopal, February 7-8, 2008	Go Home & Die : The Ugly Side of Globalisation
4	Ansari, A.A., Gupta, V.	Digital Geography – Spatial Technology In Geo-Science, Andhra Pradesh Geographical Society, Hyderabad, February 7-8, 2008	Geoinformatics for the Assessment of Soil & Water Dynamics : A Case Study of Nambiyar Watershed, Tamilnadu

5	Likhitkar, P., Ghosh, T., Ansari, A.A.	Digital Geography – Spatial Technology In Geo-Science Andhra Pradesh Geographical Society, Hyderabad, February 7-8, 2008	Remote Sensing & Gis : A Tool for Natural Disaster Management
6	Dash, N.R.	5th International Convention of Asia Scholars, Kuala Lumpur, Malaysia, August 2-5, 2007	Sardar Sarovar Dam : A Case of Oustees in Gujarat India
<b>Department of Geology</b>			
1	Shukla, S.B., Bhatt, N.P.	International Conference on 'Terrestrial Planets: Evolution through Time', PRL, Ahmedabad, January 22-25, 2008	Role of Coastal Dynamics in the Geomorphic Evolution of Coastline between Mandvi and Mundra, Gulf of Kachchh, Western India
2	Lakmapurkar, J.J., Bhatt, N.P.	International Conference 'Terrestrial Planets: Evolution through Time', PRL, Ahmedabad, January 22-25, 2008	A Multy-Proxy Study on the Late Holocene Tidal Flat Record from the Meda Creek, Saurashtra, Western India
<b>Department of Mathematics</b>			
1	Choi, T., Das, T.K.	'International Workshop on Non- linear Analysis and its Applications' at Chungnam National University Daejeon, Korea, August 24-25, 2007	On Continuumwise Expansive Homoclinic Classes
<b>Department of Microbiology</b>			
1	Joshi, F., Desai, A.J.	3 <sup>rd</sup> Convention of BRSI and International Conference on "Exploring Horizons in Biotechnology : A global venture", organized by BRD School of Biosciences, Sardar Patel University, Vallabh Vidyanagar, November 2-4, 2006	Expression of Ferrichrome Receptor Gene in Rhizobia : An Approach towards Increasing the Competitive Survival of Rhizobia in Soil
1	Akolkar, A., Durai, D., Desai, A.	Third International Conference on "Fermented Foods, Health Status and Social Wellbeing", organized by Anand Agriculture University, Anand December 14-15, 2007	Fish Protein Hydrolysis by Halobacterium Sp. SP1(1)
2	Subrahmanyam, G., Archana, G.	International Conference & Field Workshop on 'Paleopedology', organized by Anna University, Chennai, January 10-15, 2008	Activity and Diversity of Bacterial Community in a Paleosols of Mahi River, Western India by Polyphasic Approach
3	Srinandan, C.S., Pande, S., Nerurkar, A.	'Current Trends in Biochemistry' Diamond Jubilee Celebrations, Dept. of Biochemistry, RTM, Nagpur University, Nagpur, December 27-29, 2007	Nitrate Reaction Efficiency and High Nitrate Tolerance Studies of the Denitrifying Isolates Acidovorax Sp. and Paracoccus Sp. (Awarded 1 <sup>st</sup> Prize)

4. Srinandan, C.S.,  
Keni, S.,  
Nerurkar, A. 'Current Trends in Biochemistry'  
Diamond Jubilee Celebrations,  
Dept. of Biochemistry, RTM,  
Nagpur University, Nagpur,  
December 27-29, 2007 Effect of Divalent Cations, pH and Phosphate  
Concentration on Biofilm Formation
- Department of Physics**
1. Jani, M., Soni, P.H.,  
Pandya, G.R.,  
Desai, C.F., Vyas, S.M. 21st Conference on 'Crystal  
Growth & Epitaxy', Standford  
Sierre Camp, California, USA,  
June 8-11, 2007 Crystal Growth of  $\text{Bi}_{1-x}\text{Sb}_x$  ( $x=0.05$  to 0.30)  
using Zone Melting Method
2. Shah, S., Singh, N.L.,  
Qureshi, A., Singh, D.,  
Singh, K.P., Shrinet, V.,  
Tripathi, A. IBA-18, Hyderabad University,  
Hyderabad,  
September 23- 28, 2007 Dielectric and Structural Modification of Proton  
Beam Irradiated Polymer Composite
3. Qureshi, A., Singh, N.L.,  
Shah, S., Kulariya, P.,  
Singh, F., Avasthi, D.K. IBA-18, Hyderabad University,  
Hyderabad,  
September 23- 28, 2007 Modification of Polymer Composite Films using  
120 Mev  $\text{Ni}^{10+}$  Ions
4. Shah, S., Qureshi, A.,  
Singh, N.L., Tripathi, A.,  
Singh, K.P., Avasthi, D.K. SMMIB-07, Mumbai University,  
Mumbai, September 30 -  
October 5, 2007 Structural and Chemical Modification of Polymer  
Composites by Proton Irradiation
5. Qureshi, A., Shah, S.,  
Singh, D., Singh, N.L.,  
Tripathi, A., Avasthi, D.K.,  
Eroglu, M., Gulluoglu, A.N. SMMIB-07, Mumbai University,  
Mumbai, September 30 -  
October 5, 2007 AC Electrical Properties of PMMA/CB  
Composites Irradiated with 140 Mev  
 $\text{Ag}^{11+}$  Ions
6. Singh, J.P. 4<sup>th</sup> DAE-BRNS workshop on  
Hadron Physics, Aligarh,  
February 18-23, 2008 Twist-Three Distribution Amplitudes and Current  
Decay Constants of Eta and Eta Prime:  
AQCD Sum Rule Approach
7. Sharma, P.,  
Kanchan, D.K. 11<sup>th</sup> Asian Conference on  
Solid State Ionics,  
Coimbatore, India  
June 9-13, 2008 The Conductivity Studies of Super Ionic  
Silver Iodide Vanado-Tellurite Glass System.
8. Gharekhan, A.H.,  
Biswal, N.C., Gupta, S.,  
Pradhan, A.,  
Sureshkumar, M.B.,  
Panigrahi, P.K. 'Progress in Biomedical  
Optics and Imaging', SPIE,  
San Jose, California, USA,  
January 19-24, 2008 Characterization of Cancer and Normal Tissue  
Fluorescence through Wavelet Transform and  
Singalax Value Decomposition.
9. Nayak, B.K.,  
Saxena, A., Biswas, D. C.,  
Mirgule, E. T., John, B. V.,  
Santra, S., Vind, R. P.,  
Gupta, Y.K.,  
R. K. Choudhury,  
S., Appanna, B.,  
Mukherjee, S.,  
Desai, P., Godre, S.S.,  
Jain, R.K., Pandya, V.K. Nuclear Physics, DAE-  
BRNS, Physics Department,  
Sambalpur University,  
Sambalpur, India.  
December 2007 Determination of the  $^{233}\text{Pa}(\text{N}, \text{F})$  Reaction  
Cross-Section from 10.5 To 16.5 Mev Neutron  
Energy by Surrogate Ratio Method
10. Nayak, B.K., Saxena, A.,  
Santra, S., Biswas, D.C.,  
Mirgule, E.T., John, B.V.,  
Vind, R.P.,  
Choudhury, R.K.,  
Appanna Babu, S.,  
Mukherjee, S.,  
Desai, P., Godre, S.S.,  
Jain, R.K., Pandya, V.K. Nuclear Physics, DAE-  
BRNS, Physics Department,  
Sambalpur University,  
Sambalpur, India.  
December 2007 Effect of Projectile Break-Up on Fusion Barrier  
Distribution in  $^6\text{Li}+^{232}\text{Th}$  System

- |     |  |   |   |
|-----|--|---|---|
| 11. | Desai, R., Patel, R.,<br>Parekh, K.,<br>Upadhyay, R.V.,<br>Mehta, R.V.       | 11 <sup>th</sup> International Conference<br>on Magnetic Fluid-ICMF11,<br>KOSICE, Slovakia,<br>July 23-27, 2007 | Zero forward Scattering by Dispersion of Micron<br>Sized Magnetite Spheres in Magnetic Fluid:<br>Effect of Concentration. |
| 12. | Parekh, K.,<br>Livingston, J.D.,<br>Paul, P., Aswal, V.K.,<br>Upadhyay, R.V. | International Conference on<br>Magnetic Materials - ICMM07,<br>SINP, Kolkata,<br>December 11-16, 2007           | Synthesis & Characterization of Monodispersed<br>Magnetic Fluid   |

**Department of Statistics**

- |   |                 |  |   |
|---|-----------------|--|---|
| 1 | Muralidharan K. | International Conference on<br>'Quality and Reliability', ISI,<br>Kolkata, January 23-25, 2008 | Repairable Systems and Point Process Models |
|---|-----------------|--|---|

**Department of Zoology**

- |   |   |   |  |
|---|---|---|--|
| 1 | Banerjee, S.,<br>Joshi, N.,<br>Mukherjee, R.,<br>Singh, R.,<br>Singh, M.,<br>Ramachandran, A.V. | International Conference on<br>"Free Radicals of Natural<br>Products in Health" and 7 <sup>th</sup><br>Annual Meeting of The Society<br>for Free Radical Research-India,<br>organized by Dept. of Zoology,<br>University of Rajasthan, Jaipur,<br>February 14-16, 2008  | Trimetalic Exposure Induced Hepatic Oxidative<br>Stress and Protective Effect of Melatonin                                     |
| 2 | Kumar, D.   | International Conference on<br>"Free Radicals of Natural<br>Products in Health" and 7 <sup>th</sup><br>Annual Meeting of The Society<br>for Free Radical Research-India,<br>organized by Dept. of Zoology,<br>University of Rajasthan, Jaipur,<br>February 14-16, 2008  | Poster on 'Relevance of Integrated Pest<br>Management in Human Health'   |
| 3 | Vachhrajani, K.D.   | International Conference on<br>'Ants and other Social<br>Hymenoptera', Pungala<br>University, Patiala, October 2007   | Ant Community Change across the Habitat<br>Gradient from Urban to Agricultural Ecosystem<br>in Vadodara, Gujarat               |
| 4 | Rathod, J.,<br>Padate, G.   | International Symposium on<br>'Recent Advances in<br>Contemporary Biology,<br>Environmental Issues And<br>Sustainable Development',<br>organised By International<br>Society of Environmental<br>Sciences, S.K.M. University,<br>Department of Biotechnology<br>(GOI) , S.K.M. University,<br>Dumka, September 2007 | Influences of Anthropogenic Activities on the<br>Habitat and Faunal Diversity of Gujarat                                       |
| 5 | Padate, G.,<br>Deshkar, S.,<br>Sapna, S.  | Jaal 2007, 12th World Lake<br>Conference, Jaipur,<br>October 28-November 2, 2007  | A Comparative Study of Avifauna of A Sub-<br>Urban Wetland and an Irrigation Reservoir of<br>Savli Taluka, District : Vadodara |
|   |   | Jaal 2007, 12th World Lake<br>Conference, Jaipur,<br>October 28-November 2, 2007  | Influence of Narmada Water Inundation on the<br>Duck Populations of Wadhawana Irrigation<br>Reservoir                          |

## The Maharaja Sayajirao University of Baroda

6	Annasqndram, S., Purohit, H., Shivakumar, M.S., Patel, P.V.	IX International Symposium on Vectors And Vector Borne Disease Puri, Orissa: February 15 – 17, 2008 (ICMR, MRC DELHI)	Evaluation of Additional Activity of Azadiracthrin (EC 0.03 %) on Anopheles, Culex and Aedes Mosquitoes in Central Gujarat Region
7	Kataria, R., Shivakumar, M.S., Kumar, D.	IX International Symposium on Vectors And Vector Borne Disease Puri, Orissa: February 15 – 1, 2008 (ICMR, MRC DELHI)	Larvicidal Action of Azadiracthrin on Larval Population of Mosquito Genera Culex, Ano pheles, and Aedes in Vadodara
8	Nair, S., Shivakumar, M.S., Parikh, P.	IX International Symposium on 'Vectors and Vector Borne Disease', Puri, Orissa, February 15 – 17, 2008 (ICMR, MRC DELHI)	Effect of Neem Formulation on Pupae of Anopheles, Culex and Aedes Mosquitoes of Vadodara

### 5. (B) PAPERS PRESENTED AT NATIONAL/STATE LEVEL SEMINARS/CONFERENCES

Sr.	Author(s)	Theme, Organizing Body, Place, and Date of Seminar/Conference	Title of paper
<b>Department of Biochemistry</b>			
1	Pandya, C., Bhan, A., Gupta, S.	GSBTM Sponsored ' National Seminar on New Horizons in Biological Sciences 'organized by N.V. Patel College of Pure & Applied Sciences, Sardar Patel University., Vallabh Vidyanagar, September, 2007	Co-Exposure Effect of Lead and Cadmium on Hepatic Estradiol Metabolism and Antioxidant Enzymes in Adult Male Rats
2	Pillai, P., Patel, R., Pandya, C., Gupta, S.	National Conference on 'Current Trends in Biochemistry', organized by Biochemistry Dept., RTM., Nagpur University, Nagpur, December 27 – 29, 2007	Effect of Gestational & Lactational Exposure to Lead and Cad. on Hepatic Xerobiotic & Steroid Relation in PND56 F1 Generation Rats
3	Pandya, C., Pillai, P., Gupta, S.	National Conference on 'Current Trends in Biochemistry', organized by Biochemistry Dept., RTM., Nagpur University, Nagpur, December 27 – 29, 2007	Reactive Oxygen Shelves Mediakd Effect of Lead & Cadmium. Co Exposure on Testicular Steroidogenes in Adult Rats
4	Bhatt, N., Vasu, V., Pillai, P., Desai, P., Gupta, S.	National Conference on 'Current Trends in Biochemistry', organized by Biochemistry Dept., RTM., Nagpur University, Nagpur, December 27 – 29, 2007	Cytoprotective Effect of EI on Islets of Langerhan's
5	Shukla, P., Makwana, V., Bhatt, D., Robin, P.	Plant Biotechnology, Biotechnology Consortium of India, Mohanlal Sukhadia University , Udaipur, February 8-10, 2008	Preliminary Studies on Tissue Culture of Jatropha Curcas
6	Shajil, E.M., Dwivedi, M., Laddha, N. C., Thakar, M., Begum, R.	Poster Presentation at National Symposium on " Apoptosis and Cancer" organized by Department of Biochemistry, The Maharaja Sayajirao University of Baroda, Vadodara, December 28-29, 2007	Evaluation of Oxidative Stress. Autoimmune and Neurochemical Hypotheses in Vitiligo Patients of Gujarat

**Department of Botany**

- |    |                               |  |  |
|----|-------------------------------|--|--|
| 1. | Arya, A.                      | National Conference at St. Xaviers College, Mumbai, November 16-17, 2007   | Biodeterioration on Plants in relation to Man and Biosphere of Cultural Heritage                             |
| 2. | Garge, S.,<br>Revdandekar, A. | Forest and People, Tropical Ecology Congress, Dehradun, December 4, 2007   | Vegetational Studies in Pavagadh Forest  |
| 3. | Garge, S.,<br>Vatsyayan, K.   | Climate Change and Policy, Tropical Ecology Congress, Dehradun, December 5, 2007                                   | Assessment of Carbon Sequestration by Urban Tree Cover   |
| 4. | Garge, S.,<br>Baria, P.       | Forest and People, Tropical Ecology Congress, Dehradun, December 4, 2007   | Assessment of Diversity Pattern in JFM Plantation  |
| 5. | Nagar, P.S.                   | Narmada River, Narmada Samagam International River Festival 2008, Bandrabhan, Madhya Pradesh, February 23-25, 2008 | Floristic Diversity and Bioresources along Narmada River, Gujarat  |
| 6. | Parikh, P.S.,<br>Daniel, M.   | Proceedings of National Seminar on New Horizons in Biological Sciences, September 23, 2007                         | Changes in Pigment Content Accompanying uptake of Copper by Lemna Minor Collected from Polluted Aquatic Body |

**Department of Chemistry**

- |   |  |   |  |
|---|--|---|--|
| 1 | Kushwaha, S.,<br>Sodaye, S.,<br>Padmaja, P.S.  | Delhi University organised by DAE-BRNS-SESTEC-2008, March 12-14, 2008   | Removal of Mercury from Waste Water by using Non-Conventional Palm Shell Powder and Comparison with Conventional Adsorbent |
| 2 | Kushwaha, S.,<br>Padmaja, P.S.                 | MTIC-XII, IIT, Madras, December 6, 2007   | Preparation and Application of Barbitol Immobilised Chitosan for Removal of Mercury  |
| 3 | Ghalsasi, P.                                   | International conference on Advanced Materials, Kottayam, Kerala, February 21, 2008   | Understanding Non-Covalent Interactions for Designing Novel Molecular Materials  |
| 4 | Bhatt, N.,<br>Shringarpure, P.,<br>Patel, A.U. | National Symposium in Chemistry (NSC-10), CRSI, India, I.I.Sc. Bangalore, February 1-3, 2008  | Correcting Weak Hydrogen Bonding & Electron Donor-Acceptor Properties for Novel Molecular Materials                        |
| 5 | Shringarpure, P.,<br>Patel, A.U.               | Recent Trends in Surface Science-2007 DAE, Indore, September 14-15, 2007  | Friedel-Crafts Alkylation — Supported 12 - Tungstosilicic Acid   |
| 6 | Vithalani, N.,<br>Jadeja, R.N.,<br>Patel, A.U. | 12th Symposium on Modern trends in Inorganic-Chemistry, IIT, Chennai, December 6-8, 2007  | Synthesis & Characterization of Mono Ru Substituted Undecatungstophosphate   |
|   |  | Fifth All Gujarat Research Scholar Meet, Indian Chemical Society Vadodara Chapter, organized by Applied Chemistry Dept., Faculty of Tech. & Engg., The Maharaja Sayajirao University of Baroda, Vadodara, February 17, 2008 | Esterification of 10 & 20 Alcohols — And Silica  |
|   |  | ‘Emerging Trends in Separation Science & Technology’, Department of Chemistry, University of Delhi, New Delhi, March 12-14, 2008  | Liquid Chelating Ion Exchangers: Synthesis— - Pb & Hg from Industrial Effluents  |

## The Maharaja Sayajirao University of Baroda

- |                                  |   |   |  |
|----------------------------------|---|---|--|
| 9                                | Soman, S.S.,<br>Thaker, T.H.                | Fifth All Gujarat Research Scholar Meet, Indian Chemical Society Vadodara Chapter, Applied Chemistry Dept., Faculty of Tech. & Engg. The Maharaja Sayajirao University of Baroda, Vadodara, February 17, 2008               | Synthesis of Some New 4-Hydroxybenzopyrones & Its Derivatives  |
| 10                               | Samnani, P. B.                              | One day Seminar on 'High Performance Liquid Chromatography', organised jointly by Waters (India), ISAS-BC & Department of Chemistry, The Maharaja Sayajirao University of Baroda, Vadodara, October 13, 2007                | High Performance Liquid Chromatography – Trick or Treat  |
| 11                               | Ajmeri, A.A.                                | Fifth All Gujarat Research Scholar Meet, Indian Chemical Society Vadodara Chapter, Applied Chemistry Dept., Faculty of Tech. & Engg. The Maharaja Sayajirao University of Baroda, Vadodara, February 17, 2008               | Synthesis of Psora-Schoff Bases & Their Azetidiones. (Poster Presentation)   |
| <b>Department of Geography</b>   |   |   |  |
| 1                                | Ansari, A.A.,<br>Gupta, V.                  | 'Development & Resource Management', NAGI, M.L. Shukhadia University, Udaipur, Rajasthan November 19-21, 2007   | Geomorphology & Water Resource Management in Some Part of Eastern Himalaya: A Case Study of Arunachal Pradesh                      |
|                                  |   | 'Geomorphology in Disaster Mitigation & Management', Indian Institute of Geomorphologists, B.H.U., Varanasi, February 15-17, 2008   | Combating Drought and Desertification in Kutch District, Gujarat   |
| 2                                | Ansari, A.A.,<br>Ghosh, T.,<br>Gupta, V.    | 'Geomorphology in Disaster Mitigation & Management', Indian Institute of Geomorphologists, B.H.U., Varanasi, February 15-17, 2008   | Remote Sensing & GIS, as A Tool in Geomorphic Mapping: A Case Study of Some Parts of Haran Basin, Banaswara, Rajasthan             |
| 3                                | Shukla, P.K.,<br>Ansari, A.A.               | 'Geography, Tourism & Development', XXIXth Indian Geographers Meet (IIG), Punjabi University, Patiala, Punjab, March 28-30, 2008  | Tourism and Resource Development : A Case Study of Gujarat   |
| 4                                | Kanchan R.                                  | National Conference on 'Environment, Pollution & Health', IDC, Foundation, New Delhi, November 19-20, 2007  | Ground Water Arsenic Contamination & its Effect on Human Health in West Bengal with Focus on Murshidabad District                  |
|                                  |   | 29th Indian Geography Conference, Udaipur, November 19-21, 2007   | Spatial Pattern of Diabetes in Vadodara City Status of Primary Education Vadodara District   |
| <b>Department of Geology</b>     |   |   |  |
| 1.                               | Joshi A.V.,<br>Tiwari K.C.,<br>Biswas, S.K. | XXIV Convention of Indian Association Sediment. and National Seminar on 'Sedimentary Basins of India and their Economic Resources', organized by Department of Geology, Aligarh Muslim University, Aligarh, March 4-6, 2008 | Nature of Occurrence and Environments of Deposition of the Quaternary Sediments of Ambica River Basin- South Gujarat Western India |
| <b>Department of Mathematics</b> |   |   |  |
| 1                                | Ghodadra, B.L.                              | 73rd Annual Conference of the Indian Mathematical Society organized by the Department of Mathematics, University of Pune, College of Engineering, Pune and Fergusson College, Pune, December 27-30, 2007                    | On the Magnitude of Vilenkin Fourier Coefficients  |

Mathematics Meet – 2008 at the  
Department of Mathematics, Gujarat  
University, Ahmedabad,  
March 28-29, 2008

On the Magnitude of Coefficients of Walsh  
Fourier Series with Small Gaps

**Department of Microbiology**

- |   |                                  |   |   |
|---|----------------------------------|---|---|
| 1 | Subrahmanyam, G.,<br>Archana, G. | 48 <sup>th</sup> Conference of Association of<br>Microbiologists India, IIT, Chennai,<br>December 18-21, 2007                   | Assessment of Bacterial Diversity and Activity<br>in a Semiarid Holocene Flood Effected Field by<br>Polyphasic Approach |
| 2 | Pillai, P.,<br>Archana, G.       | 48 <sup>th</sup> Conference of Association of<br>Microbiologists India, IIT, Chennai,<br>December 18-21, 2007                   | Keratinolytic Protease of Bacillus Subtilis p13<br>Isolate from Vajreshwari Hotspring, Mumbai                           |
| 3 | Rathod, J.,<br>Archana, G.       | 48 <sup>th</sup> Conference of Association of<br>Microbiologists India, IIT, Chennai,<br>December 18-21, 2007                   | Diversity of Microbial Consortia Capable of<br>Decolorizing Reactive Violet 5.  |
| 4 | Vyas, P.R.                       | The Role of Public Funded Education<br>Institutions in New Scenario, organized<br>by AIFUCTO at Hyderabad,<br>October 5-7, 2007 | Academic Goal   |

**Department of Physics**

- |    |   |   |  |
|----|---|---|--|
| 1. | Singh, D., Shah, S.,<br>Qureshi, A.,<br>Singh, N.L.   | National Symposium in 'Solid State<br>Nuclear Track Detector and their<br>Applications', HNB University, Gerhwal,<br>June 21-23,2007  | AC Electrical Properties of Proton Irradiated EVA<br>Films<br><br>Study of Micro Hardness of Proton Irradiated PC<br>& PBS Films   |
| 2. | Qureshi, A.,<br>Shah, S.,<br>Singh, D.,<br>Singh, N.L.,<br>Tripathi, A.,<br>Singh, F.,<br>Avasthi, D.K. | Workshop at NSC, New Delhi,<br>September 7-18, 2007   | Effect of SHI Irradiation on Dielectric Properties<br>of Al/Cu Filled PMMA Composites  |
| 3. | Kanchan, D.K.   | 52 <sup>th</sup> DAE Solid State Physics<br>Symposium, Mysore,<br>December 27-31, 2007  | Conductivity studies in Silveroxide based<br>Barium-Vanado-Tellurite Glasses<br><br>Study of Relaxation Dynamics in Silver oxide<br>based Vanado-Tellurite Ionic Glasses |
| 4. | Gharekhan, A.H.,<br>Pradhan, A.,<br>Sureshkumar, M.B.,<br>Panigrahi, P.K.                               | 7 <sup>th</sup> DAE-BRNS National Laser<br>Symposium (NLS-7), The M.S.<br>University of Baroda, Vadodara,<br>December 17-20, 2007   | Characterizing Normal, Cancer and Benign<br>Human Breast Tissues Fluoresence Spectra<br>through Wavelet Transform  |
| 5. | Parekh, K.  | One day Workshop on 'Synthesis and<br>Characterization of Nanomaterials-<br>SCNM08' organized by Dept. of Applied<br>Physics., The M.S.University of Baroda,<br>Vadodara, March 30, 2008                        | Effect of Preparative Conditions on Magnetic<br>Properties of CoFe <sub>2</sub> O <sub>4</sub> Nanoparticces   |
| 6. | Shah, B. P.,<br>Rao, D.Y.   | National Seminar on 'Quality<br>Improvement in School Education',<br>organized by Dept. of Education, Faculty<br>of Education and Psychology, The M.S.<br>University of Baroda,Vadodara,<br>January 18-19, 2008 | Bringing Higher Physics Concepts in School<br>Class rooms  |

**Department of Statistics**

- |    |                  |   |   |
|----|------------------|---|---|
| 1. | Muralidharan, K. | Workshop on Bio-Medical Statistics at Sardar Patel University, Vallabh Vidya Nagar, Anand, February, 2007 | Intensity Estimation of Micro-array DNA Codes |
|    |                  | National Conference on 'Recent in Statistics', Dept. of Statistics, Jammu University,                     | Inliers Prove Models                          |

**Department of Zoology**

- |   |   |   |   |
|---|---|---|---|
| 1 | Mukherjee, R.,<br>Banerjee, S.,<br>Joshi, N.,<br>Ramachandran, A.V.   | National Symposium on Reproductive Biology & Comparative Endocrinology, Society for Reproductive Biology & Comparative Endocrinology (SRBCE), Trichy, January 23-25, 2008 | Gender Difference .... Role of Melatonin  |
| 2 | Banerjee, S.,<br>Joshi, N.,<br>Mukherjee, R.,<br>Singh, P.K.,<br>Chaube, S.,<br>Ramachandran, A.V.                          | National Symposium on Reproductive Biology & Comparative Endocrinology, Society for Reproductive Biology & Comparative Endocrinology (SRBCE), Trichy, January 23-25, 2008 | Trimetallic Exposure .... Protective Role of Melatonin                                    |
| 3 | Jadeja, A., R.,<br>Thounajain, C.,<br>Devkar, R.V.,<br>Ramachandran, A.V.   | National Symposium on Reproductive Biology & Comparative Endocrinology, Society for Reproductive Biology & Comparative Endocrinology (SRBCE), Trichy, January 23-25, 2008 | Antidiabetic Activity .... Model of Diabetes  |
| 4 | Jivani, P.,<br>Deshmukh, P.,<br>Bhatt, I, Jape, R.,<br>Kavale, H.,<br>Nambiar, V.,<br>Prakashkar, S.,<br>Ramachandran, A.V. | National Symposium on Reproductive Biology & Comparative Endocrinology, Society for Reproductive Biology & Comparative Endocrinology (SRBCE), Trichy, January 23-25, 2008 | Initiation of Lizard .... Cellular Apoptosis  |
| 5 | Jadeja, R.N.,<br>Ramachandran, A.V.   | National Symposium on Reproductive Biology & Comparative Endocrinology, Society for Reproductive Biology & Comparative Endocrinology (SRBCE), Trichy, January 23-25, 2008 | Lipid Lowering .... Rats.   |
| 6 | Bhatt, I.,<br>Ramachandran, A.V.  | National Symposium on Reproductive Biology & Comparative Endocrinology, Society for Reproductive Biology & Comparative Endocrinology (SRBCE), Trichy, January 23-25, 2008 | Melatonin ...Non Enzymatic Antioxidants   |
| 7 | Nambiar, V.,<br>Ramachandran, A.V.  | National Symposium on Reproductive Biology & Comparative Endocrinology, Society for Reproductive Biology & Comparative Endocrinology (SRBCE), Trichy, January 23-25, 2008 | PGG2 ....Regenerative Growth  |
| 8 | Vachhrajani, K.D.   | National Conference on 'Environmental Sciences: Current Status and Emerging Trends', organized by Mohanlal Sukhadia University, Udaipur, November 16-17, 2007             | Sensitivity Characterization and Impact Assessment of Mining Activity in Gir Ecology Area |
| 9 | Vachhrajani, K.D.,<br>Mankodi, P.C.   | National Conference on 'Environmental Sciences: Current Status and Emerging Trends', organized by Mohanlal Sukhadia University, Udaipur, November 16-17, 2007             | Water Hole Management in Gir PA   |

		XXII Gujarat Science Congress, 'Role of Communication and Information Technology in the Development of Science and Technology', organized by Bhavnagar University, Bhavnagar, March 8-9, 2008	Water Resource Potential and its Development in the Gir Protected Area, Gujarat
10	Pandya, P.J., Vachhrajani, K.D., Mankodi, P.C.	National Conference on 'Environmental Sciences: Current Status and Emerging Trends', organized by Mohanlal Sukhadia University, Udaipur, November 16-17, 2007	Habitat Characteristics and Benthic Faunal Diversity of Mahi River Estuary, Gujarat
11	Ranpara, D., Pandya, P.J., Vachhrajani, K.D., Mankodi, P.C.	XXII Gujarat Science Congress, 'Role of Communication and Information Technology in the Development of Science and Technology', organized by Bhavnagar University, Bhavnagar, March 8-9, 2008	Distribution and Biogenic Structures of Brachyuran Crab ( <i>Macrophthalmus Depressus</i> ) at Kamboi, Mahi Estuary, Gujarat RD:
12	Gadhvi, M., Pandya, P.J., Vachhrajani, K.D., Mankodi, P.C.	XXII Gujarat Science Congress, 'Role of Communication and Information Technology in the Development of Science and Technology', organized by Bhavnagar University, Bhavnagar, March 8-9, 2008	Foraminifera of Kamboi Estuarine Sediments GM:
13	Kotadia, B., Pandya, P.J., Vachhrajani, K.D., Mankodi, P.C.	XXII Gujarat Science Congress, 'Role of Communication and Information Technology in the Development of Science and Technology', organized by Bhavnagar University, Bhavnagar, March 8-9, 2008	Tidal Cycle Influence on Water-Quality of Mahi River
14	Patel, D., Parikh, A.N., Vachhrajani, K.D., Mankodi, P.C.	XXII Gujarat Science Congress, 'Role of Communication and Information Technology in the Development of Science and Technology', organized by Bhavnagar University, Bhavnagar, March 8-9, 2008	Effect of Aquatic Pollution on Teleost Guppy ( <i>Poecilia Reticulate</i> )
15	Deskhar, S., Padate, G.	National Conference on 'Environmental Sciences: Current Status and Emerging Trends', organized by Mohanlal Sukhadia University, Udaipur, November 16-17, 2007	Masar Village Pond: A Refuge for Migratory and Residential Water-Birds in Semi-Arid Zone of Central Gujarat
16	Rathod, J., Padate, G.	National Conference on 'Environmental Sciences: Current Status and Emerging Trends', organized by Mohanlal Sukhadia University, Udaipur, November 16-17, 2007	Urban Bird Population: Effects of Various Human Pressures
17	Sharma, A., Padate, G.	XXII Gujarat Science Congress, 'Role of Communication and Information Technology in the Development of Science and Technology', organized by Bhavnagar University, Bhavnagar, March 8-9, 2008	Urban Avifauna: A Study of Birds of Udaipur City
18	Panot, T., Padate, G.	XXII Gujarat Science Congress, 'Role of Communication and Information Technology in the Development of Science and Technology', organized by Bhavnagar University, Bhavnagar, March 8-9, 2008	Food Preference of Leopards in Jambughoda Wildlife Sanctuary

## The Maharaja Sayajirao University of Baroda

- |    |  |   |   |
|----|--|---|---|
| 19 | Padate, G.,<br>Rathod, J.,<br>Sapna S.,<br>Deshkar, S.                               | XXII Gujarat Science Congress, 'Role of Communication and Information Technology in the Development of Science and Technology', organized by Bhavnagar University, Bhavnagar, March 8-9, 2008 | Influence of Urbanization on Water Bird Population: A Case Study  |
| 20 | Padate, G.,<br>Rathod, J.,<br>Sapna, S.,<br>Deshkar, S.                              | XXII Gujarat Science Congress, 'Role of Communication and Information Technology in the Development of Science and Technology', organized by Bhavnagar University, Bhavnagar, March 8-9, 2008 | Trends in Combduck Population under the Influence of Narmada Water and Urbanization at Wetlands of Vadodara   |
| 21 | Patel, C.,<br>Padate, G.   | XXII Gujarat Science Congress, 'Role of Communication and Information Technology in the Development of Science and Technology', organized by Bhavnagar University, Bhavnagar, March 8-9, 2008 | Terrestrial Bird Communities around a Nationally Supported Wetland: Wadhvana Irrigation Reservoir   |
| 22 | Patankar, P.,<br>Suresh, B.  | 'Contribution of Biological Research to Humankind', organized by JES College of Arts, Commerce and Science, Jalna, Maharashtra, November 2007   | Reptiles of Central Gujarat   |
| 23 | Pillai, P.,<br>Patel, R.,<br>Pandya, C.,<br>Gupta, S.                                | National Conference on 'Current Trends in Biochemistry', Dept. of Biochemistry, RIM Nagpur University, Nagpur, December 24-29, 2007   | Effects of Gestational and Lactational Exposure to Lead, Cadmium on Hepatic Xenobiotic & Steroid Metabolizing Enzymes in F1 Generation PND56 Male and Female Rats |
| 24 | Pandya, C.,<br>Pillai, P.,<br>Gupta, C.  | National Conference on 'Current Trends in Biochemistry', Dept. of Biochemistry, RIM Nagpur University, Nagpur, December 24-29, 2007   | Reactive Oxygen Species Mediated Effect of Lead & Cadmium Exposure on Testicular Steroidogenesis in Adult Rats.   |
| 25 | Bhatt, M.N.,<br>Vasu, V.,<br>Pillai, P.,<br>Desai, P., Gupta, S.,                    | National Conference on 'Current Trends in Biochemistry', Dept. of Biochemistry, RIM Nagpur University, Nagpur, December 24-29, 2007   | Cytoprotective Effect of <i>Enicostemma Littorale</i> on Islets of Langerhans   |
| 26 | Aisha, T.,<br>Pillai, A.N.,<br>Mankodi, P.C.,<br>Devkar, R.V.,<br>Ramachandran, A.V. | National Symposium on Reproductive Biology & Comparative Endocrinology, Society for Reproductive Biology & Comparative Endocrinology (SRBCE), Trichy, January 23-25, 2008                     | Melatonin and Fin Regeneration in Teleosts  |
| 27 | Souche, N.A.,<br>Mankodi, P.C.,<br>Devkar, R.V.,<br>Ramachandran, A.V.               | XXII Gujarat Science Congress, 'Role of Communication and Information Technology in the Development of Science and Technology', organized by Bhavnagar University, Bhavnagar, March 8-9, 2008 | Thyroid Hormone and Fin Regeneration in Teleosts  |
| 28 | Bind, S.,<br>Shivakumar, M.S.,<br>Parikh, P.   | XXII Gujarat Science Congress, 'Role of Communication and Information Technology in the Development of Science and Technology', organized by Bhavnagar University, Bhavnagar, March 8-9, 2008 | Floral Visitation Pattern of Insect in Four Flowering Plants: Reasons for the Differential Species Composition  |
| 29 | Vinchulkar, S.,<br>Shivakumar, M.S.,<br>Patel, P.V.                                  | XXII Gujarat Science Congress, 'Role of Communication and Information Technology in the Development of Science and Technology', organized by Bhavnagar University, Bhavnagar, March 8-9, 2008 | Population Dynamics and Species Diversity of Entomofauna in Pigeon Pea Agro Ecosystem of Baroda   |

## 6. TALKS OF ACADEMIC NATURE IN PROFESSIONAL PROGRAMMES

Sr. No.	Name (s)	Nature of Professional Programmes	Title	Participated as
<b>Department of Biochemistry</b>				
1	Ratna Prabha C.	NIPER, Ahmedabad	Bioinformatics & Stru. Biology	Visiting Lecturer
<b>Department of Botany</b>				
1	Nagar, P.S.	Workshop Training in Analytical Techniques in Guru Nanak Institute of Research and Development (GNIRD), Mumbai	Standardization of Herbal Medicine	Speaker
2	Rajput, K.S.	Project monitoring workshop on Life Sciences, organized by DST, New Delhi at Marathwada Univ. Aurangabad	In vivo and in vitro studies on xylem cell differentiation	Principal Investigator
<b>Department of Chemistry</b>				
1	Kamath, B.V.	Video recording of lectures by Educational Multimedia Research Centre (EMMRC) for National telecaster countrywide classroom/UGC/CEC ETV Project	Chemical Kinetics and catalysis: Episode: 1-6	Resource person and presenter
2	Ajmeri, A.A.	Extra Mural Lecture , GPS Charitable Trust (Savarkundla Gujarat)	Science & Learning	Resource Person
3	Jadeja, R.N.	Safety Workshop by Shell Gas (LPG) India Pvt. Ltd. at Hotel Revival, Vadodara, on December 8, 2007	Global Warming: A Challenge	Invited Speaker
<b>Department of Geography</b>				
1	Kanchan, R.	National Seminar on 'Towards Sustainable Development – Emerging Issues Challenges & Strategies', N. K. College of Science, Malad, Mumbai, January 24-25, 2008	Health in Industrial Areas: A Case of Concern	Chair Person
		Academic Staff College, University of Madras, Chennai, February 22, 2008	Environment & Health in Industrial Areas	Resource Person
			Environmental & Health in Urban Areas	
2	Rawal, A.U.	D.S.T. Sponsored Workshop on Mathematical Modelling in G.I.S, EPT University of Ahmedabad, December 6, 2007	G.I.S in Watershed Management	Resource Person
<b>Department of Geology</b>				
1	Chamyal, L.S.	SERC School on Active Tectonics and Palaeoseismology	Mapping of Active Faults with Examples From Mainland Gujarat and Kachchh	Resource person
		DST Training Programme in the Department of Geology Rajasthan University	GPR and Its Applications in Hydrological Studies	Resource person

# The Maharaja Sayajirao University of Baroda

Department of Mathematics				
1	Patadia, J.R.	Departmental Seminar, Department of Mathematics, The M.S. University of Baroda, August 16, 2007	Fixed Point Theorems	Speaker
2	Das, T.K.	Lecture Series for Graduate Students and Researchers in Dynamical Systems at CNU, Daejeon, Korea during March 2007 to October 2007	Topological Theory of Dynamical Systems	Resource Person
		Mathematics Colloquium; CNU, Korea; April 13, 2007	Recent trends in Dynamical Systems	Invited Speaker
		KMS Conference at Inha University, Incheon, Korea, April 21, 2007	Shadowing and Expansivity in Dynamical Systems	Invited Speaker
		Symposium at Pai-Chai University, Daejeon, Korea, May 26, 2007	Expansive Sub-dynamics	Invited Speaker
		Dynamics Seminar at CNU, Korea, October 19, 2007	$C^*$ - generic Dynamics	Invited Speaker
	Das, R.T.	Korean Advanced Institute of Science and Technology, October 20- 21, 2007	Decomposition of Chain Recurrent Sets for Non-compact Spaces	Invited Speaker
2		Colloquium Lecture, Department of Mathematics, Chungnam National University, Daejeon, Korea on June 1, 2007	On Expansivity in Dynamical Systems	Speaker (Invited talk)
		Delivered series of 3 lectures "on Chain Components" in Department of Mathematics, CNU, Daejeon, June 2007, Korea	On Structure of Discrete Dynamical Systems from the View Point of Chain Components and Some Applications	Speaker (Invited talk)
	Thomas, V.O.	Departmental Seminar, Department of Mathematics, The M.S. University of Baroda, August 23, 2007	Fundamental Theorems in Mathematics	Speaker
3		Departmental Seminar, Department of Mathematics, The M.S. University of Baroda, September 6, 2007	The Number $\pi$ and its applications	Speaker
4	Shah, Ekta	National Workshop on Dynamical Systems, Differential Equations and Application at the Department of Mathematics and Statistics, University of Hyderabad, March 11-15, 2008	Dynamics of Commuting Maps	Invited Talk
		Departmental Seminar (On September 27, 2007)	Shift Systems	Speaker
5	Ghodadra, B.L.	44th Annual Conference of Gujarat Ganit Mandal, organized by Vadodara Ganit Parivar at Ambe Vidyalaya – M.S. Hostel (Sama Savali Road), November 4-6, 2007	Cantor Ternary Function and an Application of it	Invited Talk
		A Workshop on Problem Solving in Mathematical Analysis and Related areas (For students preparing for CSIR-UGC NET) organized by Department of Mathematics, Sardar Patel University, Vallabh Vidyanagar, during February 21-26, 2008	Complex Analysis and asked Problems in NET/SLET	Resource Person
		Departmental Seminar, Department of Mathematics, The M.S. University of Baroda, September 20, 2007	Cantor Ternary Function and an Application of it	Speaker

6	Shah, S.	Departmental Seminar, Department of Mathematics, The M.S. University of Baroda, October 4, 2007	Latin Squares	Speaker
7	Trivedi, K.R.	Departmental Seminar, Department of Mathematics, The M.S. University of Baroda, August 30, 2007	Rearrangement of series	Speaker
<b>Department of Microbiology</b>				
1	Chattoo, B.B.	Delivered lecture at the Training programme on 'Bioinformatics' at Indian Institute of Advanced Research, Gandhinagar, May 16-18, 2007	Study of Biological Networks	Resource Person
		Gujarat Cancer & Research Centre, Seminar on 'Current Trends in Molecular Biology and Clinical Drug Trials', Ahmedabad, October 3, 2007	Genomics Revolution in Biology and Medicine	Resource Person
		Delivered lecture at Winter Workshop organized by FRIGE-IGH, Univ. of Louisiana, and Guj. Cancer & Research Institute Foundation for Research in Genetics & Endocrinology, Institute of Human, Ahmedabad, November 19-27, 2007	Genomics in Diagnostics at Molecular Diagnosis of Genetic Disorders	Invited Talk
		Delivered lecture at the National Symposium on 'Frontiers in Biocomplexity and Biodiversity of Plants' at NEHU, Shilong March 13-15, 2008	A Systems Approach to the Study of Disease	Invited Talk
		Delivered P. Maheshwari Memorial Lecture, University of Delhi, Delhi, March 18, 2008	Molecular Biology of Host Pathogen Interactions	Invited Talk
2	Desai, A.J.	National Workshop on "Teaching and Learning Biology – Problem Solving Approach" Dept. of Microbiology, University of Pune, January 17, 2008	Expression of Ferrichrome Receptor Gene in Rhizobia – An Approach towards Increasing the Competitive Survival in Soil	Resource Person
3	Nerurkar, A.	M.S (Pharma) Course of PERD, Ahmedabad, November 2007	Host-Parasite Relationship, Virulence Ad Host Factors	Visiting Lecture
		BARC Waste Management Division, January 2, 2008	Biofilms in Nitrate Removal	
<b>Department of Physics</b>				
1.	Sharma A.C.	One day Seminar in honor of Prof. Aulakh at IIT, Roorkee on September 27, 2007	Role of Size-dependance in Nanostructures	Invited Speaker
		One day Seminar on 'Synthesis and Characterization of Nano-material' at The M.S.University of Baroda, Vadodara on March 31, 2008	Computational Synthesis and Charactorization of Nanostructures	Invited Speaker
2	Singh N. L.	Accelerator and low level Radiation safety IUAC, New Delhi, April 26-27, 2007	Study of Radiation closer at Aviation and Mountain Altitudes using Fission Detectors	Invited Speaker
3	Kanchan, D. K.	National Workshop on 'Nanotechnology Materials and Devices', Mandsoar (M.P.) March 2-6, 2008	Transport Studies of Super Ionic Silver Iodide Vanado Tellurite Glass System	Invited speaker

# The Maharaja Sayajirao University of Baroda

## Department of Statistics

1	Srivastava, R.	National Level Workshop on "Recent Methodology in Social Sciences", The M.S.University of Baroda, December 10-14, 2007,	Statistical Methodology in Educational & Psychological Research	Resource person
2	Srivastava, R.	State Level Workshop on Applied Statistics, at Gujarat University, Ahmedabad, September 30-October 2, 2007	Quantitative Techniques in Research Methods	Resource person

## Department of Zoology

1.	Mankodi, P.C	M.Sc. Zoology,	Animal Diversity, Zoogeography, Animal Evolution	Visiting Lecturer
		Workshop on application of Remote Sensing and GIS ,	Natural Resources Management through Remote Sensing	Invited Speaker
3.	Suresh, B.	Seminar on 'Recent Advances in Molecular Biology (RAMB)', Nirma University, Ahmedabad March 26, 2008	Epimorphic Regeneration: Prospects and Challenges	Key Note Address
4.	Devkar, R.V.	Dept. of Bioscience, Saurashtra University, Rajkot	Developmental Biology	Visiting Faculty
		Wildlife Week Celebration at Forest Training Division, Forest Department, Gandhinagar	Role of Teachers in Biodiversity Conservation	Invited talk

## 7. CONTRIBUTION IN CONDUCTING PROFESSIONAL/ACADEMIC PROGRAMMES

Sr.No.	Name	Programme(s), Place and Date(s)	Participated as
<b>Department of Biochemistry</b>			
1	Ratna Prabha C.	National Symposium on 'Cancer and Apoptosis' organized by Dept of Biochemistry, The M. S. University of Baroda, Vadodara December 28 -29, 2007	Finance & Adut
2	Robin, P.	National Symposium on 'Cancer and Apoptosis' organized by Dept of Biochemistry, The M. S. University of Baroda, Vadodara December 28 -29, 2007	Treasurer
3	Begum, R.	National Symposium on 'Cancer and Apoptosis' organized by Dept of Biochemistry, The M. S. University of Baroda, Vadodara December 28 -29, 2007	Organizing Secretary
<b>Department of Botany</b>			
1.	Arya, A.	B.Sc. Environmental Science Programme,	Coordinator
2.	Arya, A.	Seminar cum Exhibition on medicinal Plants,	Coordinator
3.	Daniel, M.	Seminar cum Exhibition on medicinal Plants,	Convener
4.	Rajput, K.S.	Workshop on Medicinal Plants " Healing Herbs for Eves" organized by Dept. of Botany, The M. S. University of Baroda, Vadodara	Committee Members

**Department of Chemistry**

- |   |               |   |  |
|---|---------------|---|--|
| 1 | Kamath, B.V.  | Workshop on "High Performance Liquid Chromatography", Department of Chemistry, The Maharaja Sayajirao University of Baroda, organised in collaboration with Indian Society of Analytical Scientist, Baroda Chapter, October 13, 2007  | Director   |
|   |               | Seminar on "X-ray Diffraction Technique" Department of Chemistry, The Maharaja Sayajirao University of Baroda, organised in collaboration with Indian Society of Analytical Scientist, Baroda. Chapter February 12, 2008              | Director   |
| 2 | Soman, S.S.   | Fifth all Gujarat research Scholar Meet,  | Organizer Indian chemical Society. Vadodara-Chapter.   |
| 3 | Samnani, P.B. | Workshop on "High Performance Liquid Chromatography", Department of Chemistry, The Maharaja Sayajirao University of Baroda, organised in collaboration with Indian Society of Analytical Scientist, Baroda. Chapter, October 13, 2007 | Co. Convener   |
|   |               | X-Ray Diffraction Techniques – One day Seminar, Organised by ISAS-BC, Panalytical & Department of Chemistry, The Maharaja Sayajirao University of Baroda. February 12, 2008   | Co. Convener   |
| 4 | Jadeja, R.N.  | 2 <sup>nd</sup> International Conference on 'Pollution Ecology', Guilin, China, November 4-8, 2007  | Chairs of session "session -4, cological degradation and protection of Biological Resources" |
| 5 | Ballabh, A.   | Workshop on "Surfactants: Theory and Practice", Department of Chemistry, The Maharaja Sayajirao University of Baroda, Vadodara, October 29-30, 2007   | Treasurer  |
| 6 | Kumar, S.     | Workshop on "Surfactants: Theory and Practice" Department of Chemistry, The Maharaja Sayajirao University of Baroda, Vadodara, October 29-30, 2007  | Coordinator  |

**Department of Geography**

- |    |             |                           |   |
|----|-------------|---------------------------|---|
| 1. | Rawal, A.U. | INCA Map Quiz, Aug, 2007, | Co-ordinator, Member Organizing Committee |
|----|-------------|---------------------------|---|

**Department of Mathematics**

- |   |                              |  |                                |
|---|------------------------------|--|--------------------------------|
| 1 | Patadia, J.R.                | 73 <sup>rd</sup> Centenary Year Annual Conference of the Indian Mathematical Society, University of Pune, Pune, December 27-30, 2007   | Council Member & Editor        |
| 2 | Dave, B.I.,<br>Kataria, H.R. | Minaxi – Lalit Science Award test organized by Gujarat Science Academy, Ahmedabad, Examination in each sicnece subjects conducted at University through out in Gujarat State, 2007 | Organizing Team Member         |
|   |                              | "Prof. A.R. Rao competitive Mathematics Test" -Competitive examination organizing by "Gujarat Ganit Mandal", Ahmedabad at all University Departments in Gujarat State, 2007        | Coordinator at Vadodara Center |
| 4 | Kataria, H.R.                | Gujarat Ganit Mandal Conference-2007, Ambe Vidyalyaya, Sama Savli Road, Baroda, November 4-5-6, 2007   | Organizing Secretary           |

# The Maharaja Sayajirao University of Baroda

## Department of Microbiology

- |    |               |   |                  |
|----|---------------|---|------------------|
| 1. | Chattoo, B.B. | Asia Conference on 'Biosecurity and Biosafety' sponsored by Sandia National Lab.(US Dept. of Energy), Bangkok, Thailand, 17-19 April 2007                       | Invitee          |
|    |               | Participated DBT workshop at IIM, IIM, Ahmedabad, 14-5-07   | Invitee          |
|    |               | 18th General Meeting of the Academy of Sciences for the Developing World (TWAS) Trieste, Italy (November 13-14, 2007)   | Invitee          |
|    |               | Gujarat Venture, CII, Ahmedabad, November 30, 2007  | Invitee          |
|    |               | Guha Research Council meeting, Kolkata, December 17-20, 2007  | Invitee          |
|    |               | 2008 India Project – Joint session on Intellectual Property event organized by the George Washington University Law School, Delhi, February 24 to March 1, 2008 | Invitee          |
|    |               | National Conference at Faculty of Education, MSU, Baroda, March 12-13, 2008;  | Key Note Address |
|    |               | Meeting to formulate course structure of NISER, Bhubaneswar, Orissa, March 3-4, 08  | Invitee          |

## Department of Statistics

- |    |                |   |          |
|----|----------------|---|----------|
| 1. | Srivastava, R. | National Level Conference on "Recent Statistical Techniques in Bio-statistics, Management Sciences and Related Areas", Dept. of Statistics, The M.S.University of Baroda, | Director |
|----|----------------|---|----------|

## Department of Zoology

- |   |            |   |           |
|---|------------|---|-----------|
| 1 | Padate, G. | "Taxonomy of Mollusca" organized by Bombay Natural History Society at Department of Zoology, The M.S. University of Baroda, Vadodara, October 6, 2007 | Organizer |
|---|------------|---|-----------|

## 8. PARTICIPATION IN ACADEMIC BODIES OF OTHER UNIVERSITIES

Sr. No.	Name(s)	Academic body of Universities/ Institution and Place	Participated as
<b>Department of Botany</b>			
1	Rajput, K.S.	Board of studies in Botany, Saurashtra University, Rajkot	Member
<b>Department of Geography</b>			
1	Ansari, A.A.	Board of Studies, Gujarat University, Ahmedabad.	Member (External)
		Board of Study, African Studies, University of Delhi, Delhi.	Member (Resource person)
2	Kanchan, R.	Board of Studies, Dr. H.S. Gaur University, Sagar,	Subject Expert
<b>Department of Geology</b>			
1	Chamyal, L.S.	Research and Development Council, Barkatullah University, Bhopal	Expert member
2	Ganapathi, S.	Research Council, Ujjain	Expert
3	Limaye, M.A.	Board of studies in Geology, North Maharashtra University, Jalgaon	Member

**Department of Mathematics**

1	Patadia, J.R.	Academic Committee for Mathematics, Faculty of Science, Bhavnagar University, Bhavnagar	Member
---	---------------	---	--------

**Department of Microbiology**

1	Chattoo, B. B.	Core Committee for the revision and framing of model curriculum for PG courses in Biotechnology (DBT supported), by Biotech Consortium India Ltd., New Delhi	Member
		Research Council, Centre for Cellular and Molecular Biology, Hyderabad	Member
		Research Council, Institute of Himalayan Bioresource Technology, Palampur, HP	Member
		Research Advisory Committee, Indian Institute of Advanced Research, Gandhinagar	Member
		Scientific Advisory Committee of the Research Centre, Span Diagnostics Ltd., Surat.	Member
		19th International Biology Olympiads National Academic Committee, Homi Bhabha Centre for Science Education, Mumbai	Member
		Council of Indian National Science Academy, New Delhi	Member
		Gujarat Biotechnology Council, Gandhinagar	Member
		Governing Board of Vikram Sarabhai Centre for Science Education, Ahmedabad	Member
		Indian Association of Teachers in Biology, Mumbai	President

**Department of Physics**

1	Desai, C.F.	Research Degree Committee, Saurashtra University & South Guj. University	Expert member
2	Kanchan, D.K.	Board of Studies, M.L.Sukhadia University, Udaipur	Member(expert)
3	Singh, N.L.	Accelerator Users Committee, IUAC, New Delhi , to review the projects using high energy ion beam	Member, nominated by UGC Chairman

**Department of Statistics**

1	Srivastava, R.	Directorate of Forensic Sciences (DFS), Gandhinagar	PRMC Member "project on brain mapping analysis of normality data using BEOS
		Board of Studies, Vikaram University, Ujjain	Member
		Board of Studies, M.L. Sukhadia University, Udaipur	Member
		University of Mississippi, U.S.A.	Visiting Research Scientist
2	Muralidharan K.	Selection committee, Sardar Patel University, Anand Bhavanagar University , Bhavnagar	Member Selection committee members

# The Maharaja Sayajirao University of Baroda

## Department of Zoology

1	Ramachandran, A.V	Board of Studies in Aquatic Biology, V.N. South Gujarat University, Surat	Member
		Member of RAC (Research Advisory Committee) of Saurashtra University, Rajkot	Member
2	Patel, P.V.	Member, Board of Studies in Aquatic Biology, V.N. South Gujarat University, Surat	External Member
		Member, Board of Studies in Zoology, Bhavnagar University, Bhavnagar	External Member
3	Mankodi, P.C.	Selection Committee, V.N. South Gujarat University, Surat	Subject Expert
4	Padate, G.	Board of Studies in Fisheries Science, Junagardh Agriculture University, Junagardh	Expert Member
		Board of Studies, Zoology, (UG), V.N. South Gujarat University, Surat	Ex-officio member

## 9. PERFORMANCE BY INDIVIDUAL/GROUP

Sr. No.	Name(s)	Place and Date(s)	Nature of Performance
---------	---------	-------------------	-----------------------

### Department of Botany

1.	Nagar, P.S., T.Y.B.Sc. students	Co-coordinated Exhibition in the International Conference on Natural Product "Panacea 2008" organized at World Trade Centre Mumbai, January 28- February 2, 2008	Co-ordinator
----	------------------------------------	--	--------------

## 10. STATE/NATIONAL/INTERNATIONAL AWARDS AND DISTINCTION OF ACADEMIC NATURE

Sr. No.	Name(s) of Recipient(s)	Description of the Award	Contribution made by the Recipient
---------	-------------------------	--------------------------	------------------------------------

### Department of Botany

1.	Daniel M. and Nagar, P.S.	Patent filed-Aloe vera seed and its properties. Published in "The Journal of Patent Office" 2008-01-04 Application 25021/MUM/2007	Research and Professional Understanding
----	---------------------------	---	---

### Department of Mathematics

1	Ghodadra, B.L.	V.M. Shah Prize for the year 2007	Presented the Best Research Paper in ANALYSIS at the 73 <sup>rd</sup> Conference of the Indian Mathematical Society held during December 27-30, 2007 at the Department of Mathematics, University of Pune, Pune.
---	----------------	-----------------------------------	--

### Department of Microbiology

1	Chattoo, B.B.	Elected Member, Guha Research Conference	Biological Research
---	---------------	--	---------------------

**Department of Physics**

- |    |                |  |   |
|----|----------------|--|---|
| 1. | Mukherjee S.   | TWAS-UNESCO Senior Associatedship for three years from ICTP, Italy | Collaborative Research in Experimental Nuclear Physics  |
| 2. | Parekh Kinnari | INSA-Exchange Fellow under INSA-SAA Programme 2007                 | Selected to attend and present a paper in International Conference on Magnetic Fluid-ICMF 11 held at Kosice, Slovakia during July 23-27, 2007 |

**Department of Statistics**

- |    |                    |   |                               |
|----|--------------------|---|-------------------------------|
| 1  | Srivastava, Rakesh | Name included in WHO's WHO international Directory published by marquis (USA) To appear in November, 2008 | Overall academic achievements |
| 2. | Muralidharan, K.   | Marquis WHO's WHO on Science and Engineering, 2007  | Profile included              |
| 3. | Muralidharan, K.   | Margnis WHO's WHO in the world , 2008   | Profile included              |

**Department of Zoology**

- |   |   |   |   |
|---|---|---|---|
| 1 | Vachhrajani, K.D.                                     | Prof. E.P. Odum Gold Medal by International Society of Ecological Communications, India | In the areas of Environmental Biology   |
| 2 | Pandya, P.J.,<br>Vachhrajani, K.D. ,<br>Mankodi, P.C. | Prof. Vimal Sharma Gold Medal for Best Paper Presentation to P.J. Pandya                | Habitat characteristics and benthic faunal diversity of Mahi river estuary, Gujarat |

**11. IMPORTANT EVENTS/ACTIVITIES OF THE FACULTY / UNIT**

Description of the Event	Date, Time and Place
<b>Department of Biochemistry</b>	
2 Day Symposia on 'Apoptosis and Cancer'	December 28-29, 2007 ,
<b>Department of Chemistry</b>	
Workshop on 'Surfactants : Theory and Practice'	October 29-30, 2007,
<b>Department of Geology</b>	
Inauguration of course in M.Sc. In Petroleum Geology by Pande, D. K., Director (Exploration) O.N.G.C. Ltd. New Delhi	August 4, 2007 4-00 p.m., Department of Geology, The M. S. University of Baroda, Vadodara
<b>Department of Statistics</b>	
3 days National Level Conference on 'Recent Statistical Techniques in Bio-Statistics Management Science & Related areas'	February 14-16, 2008 ,

## 12. NEW COURSES INTRODUCED/APPROVED

### Department of Biochemistry

2 years M. Sc. Medical Biotechnology Course. Syllabus has been approved by the University.

Gujarat State Biotechnology Mission (GSBTM) initiated this proposal

### Department of Chemistry

Computational Chemistry for M.Sc. (Final) Inorganic Chemistry

### Department of Geology

M.Sc. In Petroleum Geology

Post Graduate Diploma in Disaster Management

### Department of Statistics

M.Sc. (Bio-Statistics), Professional Postgraduate Degree Course in Bio-Statistics

## 13. ADDITIONAL FACILITIES CREATED IN TERMS OF

### (A) New Equipment

#### Department of Biochemistry

- Gamma Counter,
- Digital pH Meter,
- Spectronic 20D, Stabilizer,
- Digital Balance,
- Mini Beed Beater,
- Vortex,
- Termal Cycler,
- Fresco 17 (Microfuge),
- Semi Auto Analyzer,
- DLP Projector,
- Monocular Microscope,
- Water bath,
- Centrifuge, Trinocular Microscope,
- Tissue Homogenizer,
- ECD Dector,
- Refrigerated Tabletop Microcentrifuge,
- PW-40 Micro Plate Washer,
- Computer, Server, UPS

#### Department of Chemistry

- Hand Operated Shower
- Repairing of existing fume hoods
- Spare parts for Perkin Elmer Make
- Stabilizers
- Air Conditioners
- Fire Extinguishers
- Rotaevaporator , Heidolph, Germany
- Fume Hood
- Exhaust Fan
- Gas Chromatograph
- (2 KVA, 3 KVA and 10 KVA)
- (Split, 2.0 TON Cap.)
- Hand Operated Eye Wash System

#### Department of Geology

- H. P. Design Jet 3100is GP44
- H.P. ML-370 GS Performance (Tower) Server

#### Department of Microbiology

- Digital Electronic Analytical Balance
- Laminar flow cabinet with filters
- AC Electronic Servo Voltage Stabilizer - 4 Nos
- Colorimeter
- BOD Incubator
- Refrigerated centrifuge
- Water Purification System Unit
- Research Microscope with Accessories

- Ultrasonicator
- UV visible spectrophotometer
- -80°C Deep Freezer
- Automated COD Analyzer
- Demineralizer
- Elemental analyzer
- Gel Documentation System
- Ice Flaking Machine
- CT1SE Table Top High Speed Microcentrifuge
- Top Loading Balance 'Shimadzu'
- French press & accessories
- 2-D Gel Electrophoresis
- Air Conditioners (3 Nos.)
- Computers
- Digital Camera
- Environmental Shaker
- Gradient PCR
- DGGE
- Ligation Bath

**Department of Physics**

- Lenovo think M57 Computers
- Mossbauer Source Cobalt -57
- Geiger Counting Systems

**(B) New Laboratories/ Seminar / Conference Rooms**

**Department of Chemistry**

One Research Laboratory Renovated.

**Department of Geology**

- Renovation of Seminar Room
- RS & GIS Laboratory

**14. DISTINGUISHED VISITORS AT DEPARTMENTS/FACULTY**

Sr. No.	Name with Full address	Designation	Date(s) of Visit	Purpose
<b>Department of Botany</b>				
1.	Dr. Oza, D.D. Jodhpur	Research Scientist	February 11, 2008	Lecture during Exhibition of Plants and Bonsai
2	Dr. Yadav, N.S. State Biodiversity Board, Gandhinagar	Member Secretary	January 13, 2008	Lecture on Biodiversity
<b>Department of Mathematics</b>				
1	Prof. Jani, Mahendra, Dept. of Mathematics, William Patterson University, Wayne, New Jersey, USA	Professor	August 09, 2007	To deliver talk
2	Prof. Bhatnagar, Satish, Professor of Mathematics, University of Nevada, Las Vegas, USA	Professor	December 17, 2007	Counseling
<b>Department of Microbiology</b>				
1	Prof. M. Chandrasekaran, Cochin University of Science and Technology, Cochin	Professor	July 20, 2007	Genomics and Marine Microbes

## The Maharaja Sayajirao University of Baroda

---

2	Dr. Deobagkar Deepti Dept. of Zoology, Pune University	Professor	August 13, 2007	Extensive genetic polymorphism in the DBL alpha domain of the var gene of Plasmodium falciparum
3	Prof. P. Gunasekaran, Dept. of Microbial Technology, School of Biological Sciences, Madurai Kamaraj Univ., Madurai	Professor	August 14, 2007	Development of recombinant strains producing penicillin G acylase for the application in bioprocess
4	Dr. Vasavada P.C., University of Wisconsin, River Falls, USA	Professor of Food Sciences	November 29, 2007	Trends in rapid methods in food microbiology
5	Dr. Tatu Utpal Indian Institute of Science, Bangalore	Associate Professor	December 6- 7, 2007	Understanding proteomics its tools and applications  Principles and use of two dimensional gel electrophoresis  Principles of mass spectrometry  Applications of mass spectrometry in biological research
6	Dr. Patel Vikram, Innovative Bioscience, California, USA	Vice-President	December 11, 2007	Intravascular haemolysis associated pathologies
7	Dr. Lathigra Raju, Walter Reed Army Inst. of Research, Dept. of Bacterial Disease, Communicable Disease in Immunology Div., Medison USA	Scientist	January 4, 2008	From ICS to VAX
8	Dr. Vaidya Hemant MicroScan R&D, California, USA	Vice President	January 24, 2008	Emerging antibiotic resistance

### 15. NEW PROGRAMMES FOR COMMUNITY OUTREACH AT DEPARTMENT/FACULTY

#### Department of Botany

Exhibition of Medicinal Plants and Bonsai, March 2-3, 2008.

## 15. Faculty of Social Work

### 1. INTRODUCTION

The Faculty continued its journey to Excellence with the vision to emerge as a leading institution of excellence in Social Work and Human Resource Management Education in India and mission to Contribute in the areas of Development and for Empowerment of the people.

The faculty's focus on theory, fieldwork, research, extension, co-curricular and extra-curricular activities continued this academic year also. The Faculty members continued to contribute significantly for the development of professional training and practice.

The UGC-DSA programme offered to the Faculty in the year 2003 has been successfully completed. It addressed issues concerning poverty, unemployment, literacy and social development. This year UGC-ASHISS Programme in the Faculty completed two years with the focus on strengthening research. The areas identified for research are – Health and Disability, Family Dynamics & Interventions, Senior Citizens, Unorganized Labour, HIV/AIDS, Corporate Social Responsibility, Poverty and Related Issues viz. Unemployment, Overpopulation, Family Planning, Researches on Juvenile Delinquency and Criminals, Voluntary Organizations/NGO's Development Organizations, Researches in the field of Criminology and Victimology, Social and Human Development, Industrial Relations, Human Resource and Welfare. Under ASHISS programme, all the teachers of the Faculty received facility of computer in teacher's room along with furniture. Moreover two DLP and one Laptop were purchased under UGC – DSA programme which added to the existing facilities. The faculty continued with University – Industry and University – Community, interface activities. Distinguished professionals in H. R. and Social Work field were invited to deliver lectures and interact with students.

Organizations of "Neev – 2007" and "HR Fiesta" by students of the Faculty and alumni further strengthened the bond between Faculty and alumni. The visiting professors under UGC – DSA programme enriched students through their academic inputs. Two National level seminars and four State level Workshops and Seminars organized in the Faculty gave wide exposure to students in the different areas. The Faculty was granted Dr. Ambedkar Study Centre under U. G. C. Scheme of Social Thinker (EPOC Scheme).

### 2. BOARDS OF STUDIES

Sr. No.	Name of the Board of Studies
1.	Social Work

### 3. (A) RESEARCH PROJECTS AWARDED BY OUTSIDE FUNDING AGENCY

Sr. No.	Name (s)	Title	Funding Agency	Grants In Rupees
1.	Khasgiwala, A. Parmar, M. N.	Need Assessment Survey for 5 years perspective plan under CSR – CP Programme, Jhanor	NTPC, Gujarat	1,10,000
2.	Khasgiwala, A. Parmar, M. N.	Need Assessment Survey for 5 years perspective plan under CSR – CP Programme, Kawas	NTPC, Gujarat	1,30,000

### 3. (B) RESEARCH PROJECTS CONTINUED FROM PREVIOUS YEAR

Sr. No.	Name (s)	Title	Date of Award	Funding Agency	Grants in Rupees
1.	Khasgiwala, A.	Nodal Agency for CHILDLINE	April 2001	Ministry of Women and Child Development	1,16,760

### 4. (A) BOOKS & EDITED VOLUMES PUBLISHED

Sr. No.	Author(s)/ Editor(s)	Title	Name of Publisher, Year and Place of Publication
1.	Khasgiwala, A., Patel, C. P., Maniyar, M. G.	Social Work Review – A Special issue on child – Global Citizen	Faculty of Social Work, 2008, Vadodara

## The Maharaja Sayajirao University of Baroda

### 4. (B) MONOGRAPH

Sr. No.	Author(s)/ Editor(s)	Title	Name of Publisher, Year & Place of Publication
1.	Khasgiwala, A., Parmar, M. N., Solanki, J. D., Pandya, I.	Need Assessment Survey for five years perspective plan under CSR-CD Programme – Jhanor	Faculty of Social Work, The M. S. University of Baroda and N. T. P. C., 2008, Vadodara
2.	Khasgiwala, A., Parmar, M. N., Solanki, J. D., Nambiyar, S.	Need Assessment Survey for five years perspective plan under CSR-CD Programme, - Kawas	Faculty of Social Work, The M. S. University of Baroda and N. T. P. C., 2008, Vadodara
3.	Khasgiwala, A., Patel, C. P., Maniyar, M. G.	Seminar Report on "Child – Global citizen"	U. G. C. – D. S. A. Faculty of Social Work, The M. S. University of Baroda, 2008, Vadodara
4.	Khasgiwala, A., Parmar, M. N., Solanki, J. D., Saxena, A. S., Nambiyar, S.	Seminar Report on "SEZ – Issues and Challenges"	ASHISS, Faculty of Social Work, The M. S. University of Baroda, 2008, Vadodara
5.	Desai, A. B., Mehta, B. P.	Report of Students' Seminar on "Emerging Trends and Issues in Development and Industrial Sectors : Challenges for Social Work Profession"	Faculty of Social Work, The M. S. University of Baroda, 2008, Vadodara

### (C) PUBLISHED ARTICLES/PAPERS IN JOURNAL(S) / EDITED VOLUMES

Sr. No.	Author(s)	Title	Name of Journal, Volume Number, Page Numbers, Month and Year
1.	Parmar, M. N.	Dalit Nari Ni Dasha	Dalit Nari Ni Dasha, Vol.No.1, Pg.35, 2008
2.	Patel, C. P.	Community Participation as an interventionist strategy in child case	Social Work Review (Edited), March, 2008
3.	Nambiyar, S., Mahanti, J.	Menopause	Social Welfare, Vol. 54, No.7, pp.26, 27, October 2007

### 5. (A) PAPERS PRESENTED AT INTERNATIONAL SEMINARS / CONFERENCES

Sr. No.	Author( s)	Theme, Organizing Body, Place and Date of Seminar / Conference	Title of the Paper
1.	Solanki, J. D.	International River Festival – 2008, Bhopal, February 23-25, 2008	Role of NGOs in Environment Protection

### 5. (B) PAPER PRESENTED AT NATIONAL / STATE LEVEL SEMINARS / CONFERENCES

Sr. No.	Author( s)	Theme, Organizing Body, Place and Date of Seminar / Conference	Title of the Paper
1.	Mehta, L. V.	National Seminar for 'Social Work Educators and Practitioners', NAPSWI and IGNOU, October 15-19, 2007	A Group Experience for Social Work trainees. Camping for Campaigning
2.	Mehta, L. V., Mao, S.	National Seminar on "Child – A Global Citizen" U. G. C. – D. S. A., Faculty of Social Work, Vadodara; March 7-8, 2008	Missing Children : Candles in the Wind

3.	Nambiyar, S., Khasgiwala, A., Solanki, J. D.	National Seminar on "SEZ – Issues and Challenges", U. G. C.-ASHISS, Faculty of Social Work, The M. S. University of Baroda, Vadodara, February 5-6, 2008	SEZ – Reflections Engenis of Growth or Obsession of Growth
4.	Nambiyar, S.	National Seminar on 'Child – A Global Citizen, U. G. C.- D. S. A. Faculty of Social Work, The M. S. University of Baroda, Vadodara, March 7 -8, 2008	Learning from Innovative Experiments
5.	Parmar, M. N.	State Level Seminar 'Developments of Dalits in Gujarat', Faculty of Social Work, The M. S. University of Baroda and Ambedkar Education Society, Vadodara, September 14 – 15, 2007	Developments of Dalits in Gujarat
6.	Parmar, M. N., Solanki, J. D., Tank, J.	National Seminar on 'Child – A Global Citizen, U. G. C.- D. S. A. Faculty of Social Work, The M. S. University of Baroda, Vadodara, March 7 -8, 2008	NCLP Project
7.	Rawal, I., Nanavati, D.	National Seminar on 'Child – A Global Citizen, U. G. C.- D. S. A. Faculty of Social Work, The M. S. University of Baroda, Vadodara, March 7 -8, 2008	Children of Chronically Mentally Sick persons
8.	Saxena, A. S.	National Seminar on "SEZ – Issues and Challenges", U. G. C.-ASHISS, Faculty of Social Work, The M. S. University of Baroda, Vadodara, February 5-6, 2008	SEZ – Beyond Development or Dispossession

6. TALKS OF ACADEMIC NATURE IN PROFESSIONAL PROGRAMMES

Sr. No.	Name (s)	Nature of Professional Programmes	Title	Participated as
1.	Khasgiwala, A.	Carrier Guidance at Navarachana School, Vadodara	Social Work and HRM as a Profession	Resource Person
		Department of Social Work, Mulajibhai Urological Hospital, Nadiad	Social Work Practices in Kidney Hospital – A Case Study	Resource Person
		Workshop for Women Managers at NDDDB, Anand	'Self Awareness and Personality Development'	Key Speaker
2.	Mehta, B. P.	Short Term Certificate Course in Women's Studies	Impact of Violence against Women on Health	Resource Person
		Short Course on Gendered Research in Health	Ethical Issues in Conducting Research	Resource Person
3.	Mehta, L. V.	Training and Sensitization of C. W. C. members at Ahmedabad	J. J. Act; Recent Amendments	Resource Person
		Meeting of field work (Rural) Panchayat Members	Faculty – Rural Panchayat interface for enhancing field work programme	Resource Person
		Training Programme for Police	J. J. Act – 2006	Resource Person
4.	Nambiyar, S.	Workshop for Women Managers at NDDDB, Anand	Leadership	Key Speaker
		Training for Govt. Functionaries at SPIPA	Human Development	Resource Person

## The Maharaja Sayajirao University of Baroda

5.	Parmar, M. N.	Training Programme for Functionaries of Forest Department	Personality Development	Resource Person
		N. S. S. – Orientation to Teachers	N. S. S. Scheme and its effective implementation	Resource Person
6.	Solanki, J. D.	NICP workshop under CHILDLINE, Baroda	Child Rights	Speaker

### 7. CONTRIBUTION IN CONDUCTING PROFESSIONAL / ACADEMIC PROGRAMMES

Sr. No.	Name (S)	Programme (s), Place and Date (s)	Participated as
1.	Desai, A. B.	National Level Workshop on "Empowerment for employees IFFCO, Kalol, January 9-10, 2008	Resource Person
2.	Khasgiwala, A.	State level training of Medical Officers in HIV/AIDS Counselling, Vadodara	Resource Person
		State level training of counselors of VCTC for HIV/AIDS Counselling, Vadodara	Resource Person
		Workshop on Care givers for elderly, Sahaj, Vadodara	Trainer/Resource Person
		National Meet of CHILDLINE Directors, Delhi, October 9 – 11, 2007	Director – Baroda CHILDLINE
3.	Mehta, L. V.	Training on Sensitization on Domestic Violence for Police Commissionerate, Vadodara	Advisor and Resource Person
4.	Nambiyar, S.	On Hazard Development and Disaster, Anand Institute of Social Work, September 15, 2007	Speaker
5.	Parmar, M. N.	On Hazard Development and Disaster, Anand Institute of Social Work, September 15, 2007	Key note Speaker
6.	Patel, C. P.	"Sakshardeep" 2007-2008 in 10 wards of Baroda City, Vadodara, January 8-12, 2008	Co-ordinator
7.	Rawal, I.	Training Programme for Counsellors of ICTC (Integrated Counselling Testing Centre), Ahmedabad, October 15-26, 2007	Co-ordinator and Resource Person
		Training of Trainers of GSACS, Vadodara, October 30, - November 3, 2007	Co-ordinator and Resource Person

### 8. PARTICIPATION IN ACADEMIC BODIES OF OTHER UNIVERSITIES

Sr. No.	Name (s)	Academic body of Universities/ Institution and place	Participated as
1	Khasgiwala, A.	Board of Studies – Jamia Millia Islamia University, New Delhi	Expert
		Board of Studies – Devi Ahilya Vishva Vidyalaya, Indore University, Indore	Expert
		Board of Studies – Shri Padmavati Mahila, Tirupati, Andhra Praadesh	Expert
		Selection Committee – Bhavnagar University, Bhavnagar	Member
		Selection Committee – S. P. University, Vidyanagar	Member

## Faculty of Social Work

2.	Mehta, L. V.	Standing Committee, S. P. University, Vallabhvidyanagar, Anand	Member
		Governing Board of VMC under Bombay Primary Education Act	Member
3.	Parmar, M. N.	Board of Studies, Department of Social Work, H. A. North Gujarat University, Patan	Member
		Local Inquiry Committee, S. P. University, Anand	Member
		Selection Committee for Social Work Teachers, Bhavnagar	Vice Chancellor's Nominee
		Selection Committee, Department of Social Work, H. A. North Gujarat University, Patan	Vice Chancellor's Nominee
4.	Patel, C. P.	Selection Committee for M. S. W., Bhavnagar University, Gadhada	Member
		Standing Committee at S. P. University, Vallabhvidyanagar	Member

### 11. IMPORTANT EVENTS/ACTIVITIES OF THE FACULTY / UNIT

Description of the Event	Date, Time & Place
MHRM Students' Seminar on "Turnaround Stories of HR"	April 10-11, 2007, I. G. Patel Seminar Hall, Faculty of Social Work
Celebration of Annual Day of CHILDLINE	April 20, 2007, Baroda High School, Baroda
'Mentorship' concluding Programme, 2006-2007	April 28, 2007, I.G. Patel Seminar Hall, Faculty of Social Work
DHRM Students Seminar on "HRM Pathwayas"	May 1-2, 2007, I.G. Patel Seminar Hall, Faculty of Social Work
State Level Meet of Directors and allied systems of CHILDLINE.	July 30, 2007, Ahmedabad.
State Level Seminar on "Development of Dalits in Gujarat"	September 14 -15, 2007, I. G. Patel Seminar Hall , Faculty of Social Work
HR Fiesta	October 21, 2007, Faculty of Social Work
State Level Seminar on Child Rights	October 24, 2007, Faculty of Social Work
"NEEV – 2007"	October 27, 2007, Faculty of Social Work
HRM Convention on "Changing Nature of HR and New Imperatives"	December 8, 2007, C. C. Mehta Auditorium, The M. S. University of Baroda
Youth Convention on "Personality Development"	January 12, 2008, C. C. Mehta Auditorium, The M. S. University of Baroda
SEZ, Special Economic Zones : Issues & Challenges	February 5- 6, 2008,
M. S. W. Students Seminar on "Emerging Trends and Issues in Development and Industrial Sector ; Challenges for Social Work Profession"	February 26 - 27, 2008, I. G. Patel Seminar Hall, Faculty of Social Work
National Seminar on "Child – A Global Citizen"	March 7 - 8, 2008, I. G. Patel Seminar Hall, Faculty of Social Work
State Level Seminar on " Media and its Role in Social Issues"	March 9, 2008, I. G. Patel Seminar Hall, Faculty of Social Work
Sensitization Workshop on " Girl Child Education"	March 25 - 26, 2006, Faculty of Social Work

## The Maharaja Sayajirao University of Baroda

### 13. ADDITIONAL FACILITIES CREATED IN TERMS OF

#### (A) NEW EQUIPMENT

- (1) 2 DLP under UGC – DSA Programme.
- (2) 1 Laptop under UGC – DSA Programme.
- (3) 15 Computers for Teachers under ASHISS.
- (4) 1 Printer and UPS under ASHISS.
- (5) 12 Computer Tables under ASHISS.

#### (B) NEW LABORATORIES/SEMINAR/CONFERENCE ROOMS

Renovation of Conference Room under DSA Programme.

### 14. DISTINGUISHED VISITORS AT DEPARTMENTS / FACULTY

Sr. No.	Name with Full Address	Designation	Date(s) of Visit	Purpose
1.	Shri P. K. Lehari, Retd. IAS	Ex Chief Secretary & Principal Secretary	27-10-2007	NEEV Inauguration
2.	Shri Harnath Jagavat Sadguru Foundation, Dahod.	Director	27-10-2007	Key Speaker, NEEV
3.	Shri Himanshu Bhatt	Sr. Vice President	18-04-2007	Mentorship Programme, Key Speaker
4.	Prof. Sanjay Bhatt, Delhi School of Social Work, Delhi	Head of Department	26-10-2007	To deliver Lecture on HR Practices
5.	Shri Sunil Solanki Vadodara Seva Sadan, Vadodara	Mayor	11-9-2007	To inaugurate Seminar on Dalits and their Development
6.	Shri Nirmal Parekh	Professional Educational Trainer	27-11-2007	To deliver Lecture
7.	Prof. Geeta Goradia Jewell Brush Ltd.	Managing Director	21-10-2007	Panel Speaker, HR Fiesta
8.	Shri K. G. Ramnathan Reliance Industries Ltd	Advisor (Group HR)	08-12-2007	To Inaugurate the Convention
9.	Prof. Rooshikumar Pandya Mumbai	Management Guru	08-12-2007	To deliver talk in HR Convention
10.	Ms. Rita Teotia Dept. of Health, Gandhinagar	Secretary	08-03-2008	Valedictory Address in National Seminar
11.	Swami Nikhileshwaranandaji, Vivekanand Kendra, Vadodara	President	12-01-2008	To address youth convention
12.	Dr. C. Prabhakaran Rubamin Industries	Director, HR	16-02-2008	To deliver Talk under HR Forum

### 15. NEW PROGRAMMES FOR COMMUNITY OUTREACH AT DEPT. / FACULTY

#### PROJECTS & AGENCIES WORKING AT FACULTY OF SOCIAL WORK

##### ADOPTION RESOURCE CENTRE

The 'Adoption Resource Centre' (ARC) at Faculty of Social Work has been offering services in the field of adoption since 1983 under Indian Council for Social Welfare with 'Seva Sahayog Trust'. From year 1990, ARC is working independently without any financial help from other agency by doing fund-raising on its own.

Since its inception the ARC provides the following services:

- (1) Creating a social climate for the acceptance of adoption.
- (2) Providing legal & Procedural information.
- (3) Pre-adoptive, Post-adoptive counseling
- (4) Gives information about the services available for women & children
- (5) Makes various groups who are helpful in adoption work
- (6) Extends moral support to the pre & post adoptive parents & adoptee
- (7) Preparation of 'Home-Study' & 'Post Adoption Follow-up Report'

During the last year the ARC has registered around 21 cases including those for home-study report & facilitated adoption to 5 couples. The agency has printed a legal information brochure on Adoption. The honorary social worker at the agency attended a National Consultation on Adoption sponsored by CARA and organized by IAPA and TISS.

#### **CHILD GUIDANCE CLINIC (CGC) & MISS SWOBODA ADOLESCENT COUNSELLING CENTRE**

**Total New Cases:** 55      **Total no. of old clients:** 495      **Expert's session:** 121  
**Group activity:** 637      **Individual session:** 540      **Counselling with family:** 213  
**Home visit:** 152

The clinic oriented new batches of MSW, MHRM and Diploma students from Faculty. Students from different departments of social work from Patan, Surat, Kerala, ICFAI also visited C. G. C. There were visitors from U. K., Gujarat Glass, B P C, Baroda.

The clinic organized workshops no. 2 at Baroda High School for Adolescent boys and girls in life skills development. Participation in United Way N. G. O. Mela was there and it won 2<sup>nd</sup> best stall prize. The students conducted group activities and group counselling in Hill Memorial School. Essay competition was organized and two children won prizes.

#### **CHILDLINE 2007**

CHILDLINE is a national 24- hour free phone emergency outreach service for children in need of care and protection. **1098** is a toll free number given by telecommunication department. CHILDLINE provides the child with emergency assistance and then refers them to other organization for long-term rehabilitation and follow-up. The 7-team members working at the collaborative agency provide services to the children up to the age of 18 years and in extreme emergencies up to 25 years. At present, there are 74 Childline Centers all over India.

- In Vadodara, the services are being provided jointly by Faculty of Social Work as the Nodal Agency and Baroda Citizens Council as the Collaborative Agency. We have a City Advisory Board (CAB), which constitutes the heads of various allied systems like the medical field, the police force, juvenile welfare board, social defense, education field, lawyer, etc. The chairperson of the CAB is the collector.
- The Childline Project funded by Ministry of Women and Child Development continued this year and Faculty of Social Work provided services as Nodal Agency for Childline by organizing two NICP workshops for the NGOs and Media Representatives in Baroda to build up partnership and ensuring their cooperation in carrying out outreach activities, to reach to a common understanding that both play a complementary supplementary role on 24<sup>th</sup> and 25<sup>th</sup> May 2007 between 10:30 to 5:30pm at Hotel Gaurav, two training programmes were organized for team members on internet operations and computer security as well as Team building and Conflict Management skills.
- A review workshop at Udaipur was organized wherein all the team members shared their feelings about the behaviour of other team members and vice-versa. This activity helped them to understand each other better hence it enhanced their functioning as a team.
- The outreach and awareness programmes continued with the celebration of the Annual Day of Childline on 25<sup>th</sup> April 2006 and later followed by the two NICP training programme on 21<sup>st</sup> Feb, 2008 from 10 to 5pm with the police functionaries and auto rickshaw drivers of Baroda at I.G.Patel Hall, Faculty of Social Work, Baroda was organized with the objective to sensitized them on Child Rights, Juvenile Justice Act, Childline and NICP.

#### **SAMAJ KALYAN KENDRA**

- A. Activities for Anganwadi Children:
1. Regular Activities: Singing of Rhymes/Drawing/Games

2. Identification of alphabets, colours, size, shape, pictures, cartoon films
  3. Regular Guidance and support for the Anganwadi workers
  4. Increasing attendance in Anganwadi
- B. Activities for Children:
1. Visit to Planetarium
  2. Prepared them for the 15<sup>th</sup> August Programme
  3. Cultural Programme at Hospital
  4. Visit to Aazadi Express
  5. Remedical Classes
  6. Supportive activities for children on alcoholism
- C. Activities for Women:
1. Celebration of Rakshabandhan, Dashama Vrata
  2. Recipe Competition
  3. Vocational Training for Women
  4. Activities for Expectant Mothers
  5. Talk on Nutrition and Anemia
  6. Talk on Female Child
- D. Activities for Youth:
1. Sports Activities
  2. Creative Activities
- E. Other Community Based Activities:
1. Survey for Identifying Senior citizens and arranging for medical services at door step with help of Helpage India.
  2. Navaratri Celebration
  3. Gandhi Week Celebration
  4. Youth Week Celebration
  5. Skit on Alcoholism, Female Foeticide and Domestic Violence

### NATIONAL SERVICE SCHEME (N.S.S.) (NATIONAL SERVICE SCHEME)

The Government of India, Ministry of Youth Affairs & Sports and Commissionerate of Higher Education, Gujarat State, Gandhinagar sponsor National Service Scheme. The scheme involves students' youth in varied constructive activities leading their personality development.

National Service Scheme Unit at M.S. University of Baroda is a centrally managed NSS Unit. NSS enrolled students from different Faculties/ Institutions of the University and involves them in varied activities of Education through community service, which include Environment Conservation, Literacy, AIDS Education & health, Institutional Activities and special camping programmes. The activities are organized at Rural, Urban and Institutional Level. This year NSS has enrolled one thousand five hundred youths of different faculties of MSU and involved youth in social development activities.

# 16. Faculty of Technology and Engineering

## 1. INTRODUCTION

The Faculty of Technology and Engineering was established in 1949. The Faculty evolved out of the Kalabhavan Technical Institute started in the year 1890 by His Highness Maharaja Sayajirao Gaekwad III. This institute offered degree courses in Civil, Mechanical and Electrical Engineering in July 1949. In 1953, a course in Textile Engineering was started for the first time in the country. A course in Textile Technology was added in 1955.

An important milestone in the progress of the Faculty was the starting of Post-graduate courses in Civil, Mechanical and Electrical Engineering in 1956, a pioneering effort in the Western Region of the country. In 1957, all the diploma level courses with the exception of Textile Technology and Textile Chemistry were transferred to the newly created Polytechnic. This Faculty was one of the three Colleges of the erstwhile Bombay State selected by the Western Region Committee of the All India Council of Technical Education for expansion, and the intake of the Engineering courses was increased from 75 to 240 in 1957.

The Chemical Engineering Department was established in 1963 and a degree course in Chemical Engineering was started. A degree course in Metallurgical Engineering and Post-graduate course in Textile Engineering was introduced in June 1965. During the seventies and thereafter, the faculty expanded in terms of the new department and courses. The various courses offered by the faculty leading to specific degree are:

B.E. (Civil, Mech., Elect.) (1949) B.Text. (E) (1953); B.Text.(T) (1955); M.E. (Civil, Mech, Elect.) (1956); Diploma Courses in CME shifted to a New Polytechnic Building (1957); B.E. (Chem.); Post B.Sc. B.E. (Electro.); B.E. (Met.), M.Text.(E) (1965); B.Pharm., M.Sc. (App. Phy.) and Part Time Degree in CME (1973); M.E. (Ind. Met.), M.Sc. (App. Maths.) 1974; B.Sc. Tech. (Text. Chem.) (1976); M.Sc. (App. Chem.) (1978); P.G. Dip. In Low-Cost-Housing, M.Pharm., M.E. (Chem.), M.E. (Ind. Electro.) (1979); M.E. (Comp.), M.E. (Mat.Tech.) (1980); B.E. (Comp., IWM), and Irri. Man. And Inst. (1982); Post B.Sc. Dip. In Corro., Mat. Testing, Solid State Electro., O.R., D.C.A. and Envi. Sci. (1983); M.E. (Fra. Mech., Water Mang., Jet Prop. And Microprocessor) with UNDP assistance (1985).

Two departments viz. department of Computer Science and department of Electrical Engineering are ISO 9000 certified. Other departments will follow to get ISO 9000 certification in due course of time.

### **DEPARTMENT OF APPLIED CHEMISTRY**

The department has been considered for support under the FIST programme of Department of Science and Technology, looking to the potential of the Department for Chemistry teaching and research.

### **DEPARTMENT OF APPLIED MATHEMATICS**

The Department has been recognized as one of the active, broadest and distinguished department in India. The department encourages its staff and students, not only to study mathematics for its own sake, but also to explore the applications of mathematics in science and engineering. Besides teaching in Under Graduate and Post Graduate Course in all branches of engineering, the department offers courses like Post Graduate Diploma in Computer Applications (Regular and Part Time), M.Sc in Applied Mathematics with specialization in Industrial Mathematics, M.Sc (Bioinformatics), PG Diploma in Scientific Computing and Industrial Mathematics, M.Sc in Applied Mathematics and Ph. D in Applied Mathematics. Various topics explored intensively by faculty and students in the department of Applied Mathematics in recent years include Optimization, Numerical Methods for Partial Differential Equations, Computational Fluid Dynamics, Neural Networks and Fuzzy Logic, Wavelets and Image Processing, Fourier Analysis, Industrial Mathematics and Control Theory. The department has well established and latest computer facilities. Masters students with an interest in applications can have free access to the laboratory and have the opportunity to work on their own problems of current interest. Collaborations with faculty members from Physics, Chemistry, Statistics, Computer Science, Biology and the various branches of Engineering are also encouraged and occur frequently. The department has successfully completed several collaborative R & D projects with industries like ONGC, ABB, Jyoti Ltd., Patwa Kinariwala Electronics Ltd., ISRO, Ahmedabad, etc.

### **DEPARTMENT OF APPLIED MECHANICS AND STRUCTURAL ENGINEERING**

Applied Mechanics and Structural Engineering Department is one of the oldest departments offering professional training for graduate and post graduate courses. The department teaches the subjects of Applied Mechanics and Materials and Structures to Under graduate students of all the disciplines of engineering and all the subjects related to Structural Engineering, Geotechnical Engineering and Computer Applications to Undergraduate students of Civil Engineering, IWM and Architecture. The growth of the department is largely due to its Post-graduate degree programmes in Structural Engineering, Geotechnical Engineering and Fracture Mechanics.

### **DEPARTMENT OF APPLIED PHYSICS**

Since its establishment in 1973, the department has grown not only in conducting the Undergraduate courses of Physics to engineering students but has also developed its Postgraduate degree and diploma courses. The faculty members possess excellent academic qualifications with Ph.D. from reputed Indian Universities/Institutes and well-known Universities abroad. The department is involved in cutting edge applied research areas like amorphous and

nano-crystalline alloys, applied optics, digital holography and imaging, and in development of devices such as laser diodes and optical instrumentation. In addition to this, the department also contributes immensely to the frontier theoretical physics areas including chaos theory, statistical physics, high energy particle physics etc. Various research groups in the department have made significant contributions through publications in internationally acclaimed Journals and active participation in conferences. The department has received major research grants from Govt. of India funding agencies like UGC, DST, AICTE, DAE-BRNS in these areas to the tune of Rs. 3.5 crores. The department has received fund of approximately Rs. 1 crore in FIST (DST) and DRS (UGC) programmes for the development of central research facility and upgradation of postgraduate laboratories. Looking into the future prospects of nano-technology, the department has taken lead to start a two year (four semesters) multidisciplinary post-graduate course in Materials Science (Nano-technology). This course has received an initial funding of about Rs. 50 lacs from the Govt. of Gujarat.

### **DEPARTMENT OF ARCHITECTURE**

The Department is recognized by both the Council of Architecture (COA) and the All India Council of Technical Education (AICTE). As one of the oldest Schools of Architecture in India, it has kept abreast with the changing needs of both the profession and society. In this endeavor, the department has consistently upgraded itself with technical, ethical and philosophical inputs. Given the socio-economic scenario in the Indian context, the department adopts a pragmatic approach to architectural learning. The department has initiated new courses in the field of Rural Housing, Project Programming, Urban Design and Contemporary Architecture to meet the changing demands. With the emergence of computer as a potent tool for visualization; the department is undergoing changes to accommodate computer labs and has introduced new courses. In addition, the faculties in the department are well qualified with international exposure and are constantly upgrading their knowledge base to meet the changing demands of the profession. The department also promotes architectural consultancy. The faculty are therefore active in both practice and academics.

### **DEPARTMENT OF CHEMICAL ENGINEERING**

The department was established in 1963, it is the oldest Chemical Engineering Department in the state of Gujarat. Students graduating from this department has earned high reputation in the profession in India and abroad. The department offers Post-graduate courses in Petrochemical Engineering and Polymer Technology. The main strength of department is its dedicated faculty. The Department strives continuously to orient its academic resources to cater to the changing outlook of the profession. In the forty five years of its existence, the department has received four P.C. Ray awards for best B.E. Dessertations in Chemical Engineering from the Indian Institution of Chemical Engineers. It has also received seven ISTE-IPCL awards for best M.E. thesis. Teachers of this department have been honoured by various organizations like Charotar Vidyamandal, IChE & have been invited in various conferences to chair academic sessions and deliver plenary talks. For the last few years department boasts of 100% placement of its Undergraduate students.

In the current year the department has received AICTE (RPS) grant of Rs. 14,00,000/- to pursue research in the area of 'Synthesis of fine particles'.

### **DEPARTMENT OF CIVIL ENGINEERING**

Civil Engineering Department is one of the oldest departments offering professional training for graduate course in Civil Engineering and post graduate course in Environment Engineering, Highway and Transportation Engineering and Hydraulic Structures. The department is actively working in the areas of hazardous waste management, air pollution and monitoring, waste water treatment, environment audit and impact assessment, transport systems, hydraulic and hydrologic analysis, groundwater flow and pollution transport, water conservation practices and simulation and modeling of water resources systems. The department has improved computing facilities and laboratories for testing, research and consultancy.

### **DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING**

The University was first in the State of Gujarat to offer a **Bachelor of Engineering Course in Computer Science** in the year 1982 with an intake of 30 students and a post graduate Master of Computer Application Course with an intake of 30 students in the year 1984. Since the establishment it has been our endeavour to bring excellence in every aspect of development and growth of departmental facilities both in teaching and extra curricular activities. Quality improvement of the faculty of our department also was our primary concern. In consideration to the overall capabilities of the department, DoE identified it as one of the participating institute for project IMPACT, an international project jointly sponsored by World Bank and Swiss Development Agency. A load of hardware and software, learning materials and teaching aids like OHP, LCD projectors, Xerox machines etc. was received by the department, which enhanced the quality of learning environment at both UG & PG courses of the departments. An IMPACT laboratory with most modern computing facility was set up under the Project in 1993. Presently the department has three well-established laboratories used for BE (UG) & MCA (PG) courses.

### **DEPARTMENT OF ELECTRICAL ENGINEERING**

Department of Electrical Engineering offers graduate level courses leading to BE (Electrical) and BE (Electronics) and

post graduate courses in Automatic Control & Robotics, Microprocessor Systems and Applications, Industrial Electronics and Electrical Power Engineering. Currently 41 research scholars are working for Ph.D. degree in the Department. AICTE has sanctioned TAPTEC grants for two projects and a MODROB grant for modernization of Optical Fibre Lab. During the year under review the fibre optics lab, VLSI lab and DSP lab were updated. A student's chapter of IETE was inaugurated and Internet facility was made available to all students.

### **DEPARTMENT OF MECHANICAL ENGINEERING**

The department established in 1951 is one of the oldest departments in this Faculty. Over these years the department has grown academically through technology teaching and research work carried out at undergraduate and postgraduate level. The department has undertaken thirteen laboratory development programmes in the last fifty years for the up-gradation of existing laboratories. In 2007-08, one modernization project under AICTE, MODROBS scheme was completed for modernization of Machine Tools laboratory. We have been actively in association with the neighboring industrial houses through active consultancy and extending its existing testing facilities. A number of research assignments, modernization and development of laboratories have been undertaken. Few projects (for research, modernization development of its laboratories) are funded by AICTE, UGC, GEDA, DAE etc. Recently, department has successfully completed a research project related to the development of nuclear safety code sponsored by BRNS, DAE. The project is likely to be extended and a comprehensive experimental test facility is proposed to be built up in the department for reactor safety division, BARC, Mumbai.

### **DEPARTMENT OF METALLURGICAL AND MATERIALS ENGINEERING**

After the recent change in the name the department, it has become a virtual nodal centre for metallurgical and materials technology education both at under and post graduate levels in the State of Gujarat. Over the years Department has stridden the path of excellence and quest for quality in education and research. Consequently it has earned the recognition of being covered under the Special Assistance Programme (SAP) like DRS I-III, COSIST, FIST, etc., of U.G.C., Govt. of India. This is the third consecutive year, the department has achieved 100% placement. The 1<sup>st</sup> batch of M.E. Welding Tech. started in July 2006 has successfully completed two years P.G. Programme. Almost all the 11 students have been given placement by L&T group. The department has received Rs. 20.00 lacs grant from UGC (Infrastructure), New Delhi for updating and renovating laboratories, electrical, water connection and also for renovating audio visual systems in Seminar Hall. Most of the work has been completed by March 2008.

### **DEPARTMENT OF PHARMACY**

Extension of DRS Phase I to DRS Phase II has been sanctioned by UGC with a grant of 50 lakhs. Similarly, extended phase of TIFAC CORE IN NDDS was awarded with outlay of 4 crores towards purchase of new state of the art of equipment in the "Center of Relevance of Excellence In New Drug Delivery System". University Grants Commission provided 20 lakhs to improve infrastructure of post graduate studies and research of the department. One of the faculty members of our department who was awarded a AICTE project worth 19.5 lakhs. The department has made significant academic progress reflecting in terms of patents, publications and presentations by the department members and increase in collaborative research by the faculties of the department both national and international.

### **DEPARTMENT OF TEXTILE CHEMISTRY**

The department, known popularly as "RANG-SHALA" is the oldest department in the Faculty of Technology and Engineering whose existence dates back to 1890, when artisan courses were being offered in Bleaching, Dyeing & Sizing. The Department is offering Diploma in Textile Chemistry, Post B.Sc. Diploma in Textile Chemistry, Post B.Sc., B.E., M.E. and Ph.D. programmes. The department has the infrastructure for catering the needs of the industries in the area of chemical technology i.e. wet processing of textiles and allied areas of fibre science and its applications. The thrust areas for the department are eco-friendly textile wet processing, pollution control of textile effluents, chemical modification of textile fibres and its processibility, natural dyes applications, continuous processing sequences for blends, etc. The department has close interaction with industry and research associations and encourages interdisciplinary research work. Many graduates of the department are serving at the top level in Government and multi-national companies.

### **DEPARTMENT OF TEXTILE ENGINEERING**

The department is the oldest in the country whose existence dates back to 1890, when artisan courses were being offered in Bleaching, Dyeing and Sizing. In 1897 Certificate course in Weaving was started. Diploma in Weaving was offered in 1907 and degree course was started in 1953. The Department has continuously upgraded the equipment and the courses offered. The department is presently offering Ph.D., two P.G. courses – M.Text. (Engg) and M.Text. (Man-made Fibre): total intake of 20, two U.G. courses – B.E. (Textile Engineering) and B.E. (Textile Technology): intake of 30 each and Diploma in Textile Technology: intake of 20. The thrust areas for the department are Modern yarn production, Fabric Manufacturing, Texturing and Engineering aspects of Textiles and Textile Machinery. The areas of Knitting, Garment Technology, Non-woven and Industrial Textiles have also been focused since 1996. Recently, work has been started in the areas of composite textile and nano-technology application in textiles. The department has full-fledged Computer laboratory with software like Fabric Design software (Autotex 2000). The department has close interaction with industry and research associations and many of the post graduate projects are done in collaboration with them.

## WREMI

Water Resources Engineering and Management Institute (WREMI) is the youngest department of the faculty established in 1991 as a result of the USAID and Govt. of India i.e. Gujarat funded Water Resources Management and Training Project from 01/04/1984 to 30/09/1992. WREMI offers undergraduate degree of B.E. (Civil-Irrigation Water Management), post graduate degrees of M.E. (Civil) in Irrigation Water Management and M.E. (Civil) in Water Resources Engineering and offers Ph.D. in Civil Engineering and Irrigation Water Management. At present four research scholars are registered for Ph.D. Six research scholars have already obtained Ph.D. in Civil Engineering. The institute is recognised as a major contributor to the Water Resources Engineering & Management and Watershed Development & Management, at the national level. The institute is recognised as Institutional monitor/evaluator by CAPART. The institute is also recognised as leading consulting institute by Narmada, Water Resources, Water Supply and Kalpasar Department, Government of Gujarat and Sardar Sarovar Narmada Nigam Limited.

## 2. BOARDS OF STUDIES

Sr. No.	Name of the Board of Studies	Sr. No.	Name of the Board of Studies
1.	Textile Engineering	9.	Architecture
2.	Textile Chemistry	10.	Applied Physics
3.	Civil Engineering	11.	Applied Chemistry
4.	Applied Mechanics	12.	Applied Mathematics
5.	Mechanical Engineering	13.	Pharmacy
6.	Metallurgical Engineering	14.	Computer Science
7.	Electrical Engineering and Electronics	15.	Water Resources Engg. and Management
8.	Chemical Engineering		

## 3. (A) RESEARCH PROJECTS AWARDED BY OUTSIDE FUNDING AGENCY

Sr. No.	Name (s)	Title	Funding Agency	Grant in Rupees
<b>Department of Applied Chemistry</b>				
1.	Chudasama, U.V.	Synthesis and Characterization of Advanced Inorganic Materials and their Applications as Ion Exchangers and Supports in Heterogenised Homogenous Catalysis.	GMDC Science and Research Centre, Ahmedabad	5,50,000
2.	Murthy, C.N.	Studies on nanoencapsulation of fullerenes by calixarenes and cyclodextrins based polymers for novel applications	UGC	6,13,000
<b>Department of Applied Physics</b>				
1.	Panchal, C.J.	High Efficiency Copper Indium Gallium Diselenide Thin Film Solar Cells	UGC	11,99,000
2.	Desai, M.S.	Electrophysical properties (temperature coefficient of resistance and strain sensitivity) of multilayer film system Cr/Fe and Gd/Fe	DST	5. 49,000
<b>Department of Chemical Engineering</b>				
1.	Sengupta, B. , Sengupta, R.	Preparation of fine particles using an Emulsion liquid membrane system	AICTE	14,00,000

**Department of Metallurgical and Materials Engg**

1.	Joshi, P.B., Rehani, B.R	Improved Silver-Graphite Electrical Contact Materials through Nanosynthesis Route	AICTE,	5,00,000
2.	Lodhari, D.R., Datta, S.K., Pai, K.B.	Enrichment of Managanese Ore	MIS Cube Mines & Mineral Pvt. Ltd., Shivrajpur,	60,000
3.	Murti, N.S.S.	Emeritus fellowship of AICTE	AICTE	3,00,000
4.	Panchal, C.J., Desai, M.S., Rehani, B.R.	High effect Copper-Indium- Gallium Diselenide- Thin Film Solar Cells	UGC	10,51,600

**Department of Pharmacy**

1.	Giridhar, R.	Design and Development of Benzamide derivates as potent 5H T 3 receptor for modulating apeats"	AICTE	19,50,000
2.	Misra, A.N.	TIFAC CORE IN NDDS – Extended Phase	TIFAC DST	4,00,00,000
3.	Mishra, S.H., Misra, A.N.	Department Research Scheme – SAP – Phase II	UGC	50,00,000
4.	Murthy, R.S.R	Development of liposomal & nano-particulate based injectable products	M/s Claris life sciences, Ahmedabad	2,40,000
		Development of injectable formulation of peptide drugs	M/s Claris life sciences, Ahmedabad	1,20,000
5.	Pharmacy Dept.	PG and Research Infrastructure Development Fund	UGC	20,00,000

**WREMI**

1.	Parmar, S.C. Sheth, M.P., Shelat, R.B., Shete, D.T.	"Climatic Suitability of Growing Food Crops in Ahmedabad District of Gujarat"	GUJCOST	24,900
----	--	---	---------	--------

**B. PROJECTS CONTINUED FROM PREVIOUS YEAR**

Sr. No.	Name(s)	Title	Date of award	Funding Agency	Grant in Rupees(Lakhs)
<b>Department of Applied Chemistry</b>					
1.	Chudasama, U.V.	Synthesis and Characterisation of Advanced Inorganic Materials and their Applications as Ion Exchangers and Supports in Heterogenised Homogeneous Catalysis	7-09-06	GMDC Science and research Centre, Ahmedabad	5,05,000
2.	Dave, J.S.	Synthesis of Novel chiral Liquid Crystallize Materials and study of their Mesomorphic Characteristics, UGC major research Project	2-11-04	UGC	2,56,000

## The Maharaja Sayajirao University of Baroda

3.	Deota, P.T.	Synthesis, characterization evaluation of bioactivity of postured analogues of Homologues	Jan-06	UGC,	6,65,000
4.	Murthy, C.N.	Chemical Contamination of Vadoze zone of Nandesari/Ranoli industrial belt of Baroda window, Gujarat	2005	DST	18,65,000
5.	Prajapati, A.K.	Synthesis and characterization of liquid crystals with conventional and unconventional molecular shapes	01-01-05	UGC,	4,76,300
<b>Department of Applied Mathematics</b>					
1.	Ramamohan S.	Development of Robust OCR System for Indian Languages Gujarati	September, 2006	Ministry of Communication & Information Technology, Government of India	36,00,000/-
<b>Department of Applied Mechanics &amp; Str. Engg</b>					
1.	Patodi, S.C.	Upgradation of existing facilities in the department – FIST Project	July 13, 2004	DST	25,06,000
<b>Department of Mechanical Engineering</b>					
1.	Prabhakaran, P., Ekbote, M.A.	Study of Discharges Through a Single Pipe in Horizontal Pipe with Stratified Flow	February, 21 2007	DAE-BRNS	13,29,500
<b>Department of Metallurgical and Materials Engg</b>					
1.	Pai, K.B.	Nano Composite Zr-based Thin Films for functional applications	2006	AICTE	8,00,000
<b>Department of Pharmacy</b>					
1.	Misra, A. N.	Development of New Dosage Forms and Other innovative Products	July 01, 2007	Comed Chemicals	2,40,000
		Development of Emulsion based Injection	October 1, 2007	Nicolas Piramal	2,00,000
2.	Mishra, S. H., Misra, A. N.	UGC SAP DRS Phase -I	April 01, 2002	UGC	47,00,000
<b>Department of Textile Engineering</b>					
1.	Mankodi, H.R.	Development of Machine use for producing hybrid yarns for textile composite	February, 2003	AICTE	10,05,000
<b>WREMI</b>					
1.	Shete, D.T.	Draft Report on “ Technical Socio-Economical and Ecological Study of Sujalam Sufalam Yojana” (June 2006 – June 2008)	June 05, 2006	Narmada, Water Resources, Water Supply and Kalpasar Department, Government of Gujarat	14,78,000

## 4. (A) BOOKS &amp; EDITED VOLUMES PUBLISHED

Sr. No.	Author(s)/ Editor(s)	Title	Name Publisher, Year & Place of Publication
<b>Department of Applied Mechanics &amp; Str Engg</b>			
1.	Shah, H.J., Junnarkar, S.B.	Mechanics of Structures	Charotar Publishing House, vol I, 26 <sup>th</sup> Edition , 2008, Anand,
<b>Department of Applied Physics</b>			
1.	Acharya, N.K., Mukadam, S., Saravat V.	Competitive Physics vol 1 & 2	Nilkanth Publishers, 2007, Jaipur
2.	Chawla, S., Chander, S., Murthy, K.V.R.	Proceedings of IIIrd International Conference on Luminescence and its Applications	MacMillan Advanced Research Series, February 2008, New Delhi
3.	Murthy, K.V.R., Reddy, J.N.	Thermoluminescence basic Theory Applications and Experiments	Nucleonix Systems, February 2008, Hyderabad
<b>Department of Civil Engineering</b>			
1.	Patel, A.S., Shah, D.L.	Water Management Conservation, Harvesting and Artificial Recharge	New Age International Publishers, 2008, New Delhi
<b>Department of Computer Science and Engineering</b>			
1.	Jivani, A.G.	Sql & Pl-Sql practice book with solutions (Edition –ii)	Niral and Roopal Prakashan, Oct-2007, Ahmedabad
<b>Department of Metallurgical and Materials Engg.</b>			
1.	Sundaresan, S., Albert, S.K.	Using creep-resistant steels in nuclear reactors – Chapter written in the book "Creep- Resistant Steels"	Woodhead Publishing Ltd., 2008 Cambridge, England
<b>Department of Pharmacy</b>			
1.	Banerjee, S.K., Mashru, R.C., Banerjee, G.	Introduction to Pharmaceutical Chemistry	Carrer Publication, Feb 2008
2.	Goyal, R.K, Mehta, A., Balaraman, R.	Elements of Pharmacology 17 <sup>th</sup> Edition	B.S. Shah Prakasam, 2007-08, Ahemadabad
3.	Murthy, R.S.R., Reddy, H.	Nanotechnology in Cancer Therapeutics (Cat.# 7194) Ed: Amiji	Taylor & Francis, USA,
4.	Murthy, R.S.R.	Vesicular and Particulate Drug Delivery  Pathak Yashwant & Deepak Thassu (Ed) Nanoparticulate Drug Delivery System II	Career Publications, Nashik, India,  Informal Health Care, USA,
5.	Murthy, R.S.R., Kar, A.	Pharmaceutical Technology	New Age International (P) Ltd Publishers, New Delhi,
6.	Murthy, R.S.R	Afsaneh Lavasanifar & Reza Arshady (Ed) "Polymeric Micelles and Related Structures for Drug Delivery Applications"	Kentus Books Publishes, U.S.A.,

# The Maharaja Sayajirao University of Baroda

## (C) PUBLISHED ARTICLES/PAPERS IN JOURNAL(S) / EDITED VOLUMES

Sr. No.	Author(s)/	Title	Name of Journal, Volume, Number, Page No. Month & Year
<b>Department of Applied Chemistry</b>			
1.	Chudasama, U.V., Thakkar, R.P., Patel, H.K.	A Comparative Study of Proton Transport Properties of Zirconium Phosphate and Its Metal Exchanged Phases	Bull. Mater. Sci., vol. 30, No. 3, pp 1-5, June 2007
2.	Chudasama, U.V., Maheria, K.	Synthesis and Characterization of A New Phase of Titanium Phosphate and Its Application in Separation of Metal Ions	Indian Journal of Chemical Technology, vol 14, pp 423-426, July 2007
		Studies on Sorption and Elution Behaviour of Dyes Using Titanium Phosphonate	Journal of Scientific and Industrial Research, vol 66, No 12, pp 1047-1055, December 2007
3.	Chudasama, U.V. Thakkar, R.P.	Synthesis and Characterization And Thermodynamics of Exchange Using Zirconium Titanium Phosphate Cation Exchanger	Collect. Czech. Chem. Commun., vol. 72, No. 9, pp 1306 – 1318, July 2007
4.	Chudasama, U.V., Jayswal, A.	The Use of Metal Phosphonate in the Removal of Anti-Infective Organic Molecules by Adsorption Process	Acta. Chim. Slov., 2007, 54, pp 654-660, August 2007
		Sorption of Water Soluble Dyes from Aqueous Solutions on Zirconium Phosphate	Indian Journal of Chemical Technology, vol.14, No 6, pp 597, November 2007
		Sorption and Ion Exchange Behaviour of Pb(II), Bi(III) and Th(IV) in Aqueous Solutions towards Zirconium Phosphate	Journal of Scientific and Industrial Research, vol. 66(11), pp 945-951, November 2007
		Synthesis and Characterization of a New Phase of Zirconium Phosphate for the Separation of Metal Ions	Journal of Iran. Chem. Soc., vol.4, pp. 510-515 2007
5.	Chudasama, U.V., Maheria, K.	Sorptive Removal of Dyes Using Titanium Phosphate	Ind. Eng. Chem. Res., vol. 46, pp 6852-6857, July 2007
6.	Chudasama, U.V., Jayswal, A.	Synthesis and Characterization of A Novel Metal Phosphonate - Zirconium(IV) Hydroxy Ethylidene Diphosphonate and Its Application as an Ion Exchanger	Turkish Journal of Chemistry, vol 32, pp 1-12, January 12, 2008
7.	Chudasama, U.V. Patel, H.K., Joshi, R.	Use of Zirconium(IV) Phosphate as A Solid Acid Catalyst in Some Esterification Reactions	Indian Journal of Chemistry, vol 47 (A), No. 3, pp 348-352, March 2008
8.	Murthy, C. N., Shown, I.	Synthesis and Characterization of Linear Water-Soluble $\gamma$ -Cyclodextrin based Polymers as Drug Carrier Systems	Supramolecular Chemistry, 20(6), pp. 573-578, 2008
9.	Murthy, C.N., Jejurkar, U., Shrinet, V., Jain, R.C., Singh, A.K.	Synthesis and Characterization Novel Water Soluble Polyester for Electrical Insulations	Journal of Applied Polymer Science, vol 104, pp 3309, 2007

- |     |   |  |   |
|-----|---|--|---|
| 10. | Murthy, C.N.,<br>Shown, I.  | Grafting of Cotton Fiber by Water – Soluble Cyclodextrin Based Polymer   | Journal of Applied Polymer Science, 2008              |
| 11. | Prajapati, A.K.,<br>Patel, H.N.   | Mesogenic Cinnamates with Substituted Ethyl Terminal Chain   | Liq. Crystal, vol 34(8), pp 903-910, 2007             |
| 12. | Prajapati, A.K.,<br>Achalkuma, A.S.,<br>Bonde, N.L., Prasad, S.K.,<br>Shankarrao, D.S.,<br>Yelamaggad, C.V. | Frustrated Liquid Crystals: Synthesis and Mesomorphic Behavior of Unsymmetrical Dimas Processing - Chiral and Fluorescent entities | Chem. Mater, vol 19, pp 2463, 2007                    |
| 13. | Prajapati, A.K.,<br>Bonde, N.L.   | Dimers Possessing Chiral and Fluorescent Entities Mesogenic Schiff's Base Esters with A Methoxyethyl Tail                          | Mol. Crystal. Liquid Crystal, vol 416, pp 15-28, 2007 |

**Department of Applied Mathematics**

- |    |            |  |  |
|----|------------|--|--|
| 1. | Shah, T.P. | Steering Control of Semilinear Discrete Dynamical System | Journal of Indian Institute of Science, vol 87:4, pp 485-489, 2007 |
|----|------------|--|--|

**Department of Applied Mechanics & Str Engg**

- |    |   |  |   |
|----|---|--|---|
| 1. | Doiphode, G.S.,<br>Salat, K.N.,<br>Patodi, S.C. | Secondary Effects in Framed Structures via Integrated Force Method   | Journal of Tech. and Science, V.V. Nagar, vol 20, pp 6-11, December, 2007 |
| 2. | Patodi, S.C.,<br>Godhwani,<br>Solanki, N.K.     | Concrete Mix Design for Flexural Strength using Neuro-Fuzzy Hybrid Technique                                     | Journal of NBM & CW, vol 13, Issue 3, pp 202-212, September 2007          |
| 3. | Rathod, J.D.,<br>Patodi, S.C.,<br>Parikh, B.K.  | Material Characterization of Engineered Cementitious Composite in 1D, 2D and 3D Specimens under Uniaxial Tension | Indian Concrete Journal, vol. 82, No.3, pp 45-52, March 2008              |

**Department of Applied Physics**

- |    |  |  |   |
|----|--|--|---|
| 1. | Acharya, N. K.,<br>Kulshrestha, V.,<br>Awsthi, K., Jain, A. K.,<br>Singh, M., Vijay, Y. K. | Hydrogen Separation in Doped and blend Polymer Membranes   | Int. J. Hydrogen Energy, vol 33, pp 327-331, 2008 |
| 2. | Anand A,<br>Pedrini, G.,<br>Osten, W., Almoró, P.  | Wavefront Sensing with Random Amplitude Mask and Phase Retrieval   | Opt. Lett., vol 32, pp 1584-1586, 2007            |
| 3. | Anand, A.,<br>Chhaniwal, V.K.  | Measurement of Parameters of Simple Lenses using Digital Holographic Interferometry and A Synthetic Reference Wave | Appl. Opt., vol 46, pp 2022-2026, 2007            |
| 4. | Anand, A., Groves, R.,<br>Schwab, X., Pedrini, G.,<br>Osten, W.                            | Fresnel Wavefront Propagation Model for Shearography Shape Measurement   | Proc. SPIE, 6617, 66170J, 2007                    |
| 5. | Anand, A.,<br>Pedrini, G.,<br>Osten, W., Almoró, P.  | Phase Retrieval using Random Amplitude Mask for Wavefront Sensing  | Proc. SPIE, 6617, 66170Q, 2007                    |
| 6. | Chhaniwal, V.K.,<br>Anand, A.  | Determination of Lens Parameters with Digital Holography   | Proc. SPIE, 6616, 66164H, 2007                    |
| 7. | Chhaniwal, V.K.,<br>Chakrabarty, B.S.,<br>Anand, A.  | Mass Transfer Studies in Liquid Solutions by Polarization Imaging  | Proc. SPIE, 6616, 66164S, 2007                    |

8. Dubey, S.K., Mehta, D.S., Anand, A., Shakher, C. Simultaneous Topography and Tomography of Latent Fingerprints using Full-Field Swept-Source Optical Coherence Tomography J. Opt. A: Pure & Appl. Opt. 10 (2008) 015307
9. Giri, P.K., Patel, P.K., Panchal C.J., Bhattacharya, S., Satchi K., Singh D.K., Kheraj, V.A., Shah, N.M., Vakil, P.D., Patel, K.J., Desai, M.S., Rehani, B., Rao V.J., Desai R.R., Lakshminarayana, D., Patel P.B. Studies on Zinc Oxide Nanorods Grown Electron Beam Evaporation Technique Journal of Synthesis and Reactivity in Inorganic, Metal-Organic, and Nano-Metal Chemistry , vol 37, pp. 437-441, 2007
10. Ghildyal, R., Page, P., Murthy, K.V.R. Synthesis and Characterization of  $\text{Sr}_2\text{CeO}_4$ : Positive Features of Sol-Gel Technique Journal of Luminescence, vol 124, Issue 2, pp. 217-220, June 2007
11. Jain, A. K., Acharya, N.K., Kulshrestha, V., Awasthi, K., Singh, M., Vijay, Y. K. Study of Hydrogen Transport through Porous Al & Composite Membrane Int. J. Hydrogen Energy, vol 33, pp. 346-349, 2008
12. Kheraj, V.A., Panchal, C.J., Patel, P.K., Arora, B.M., Sharma, T.K. Optimization of Facet Coating for Highly Strained InGaAs Quantum Well Lasers Operating at 1200 nm Journal of Optics and Laser Technology vol 39, pp. 1395-1399, 2007
13. Murthy, K.V.R., Belon, P. Rey, L. Photoluminescence and Thermally Stimulated Luminescence Characteristics of Rice Flour Journal of Luminescence, vol 122-123, pp. 279-283, 2007
14. Murthy, K.V.R. Rey, L. Low Temperature Thermally Stimulated Luminescence Characteristics of Rice Flour With and Without  $\text{H}_2\text{O}$  and  $\text{D}_2\text{O}$  Proceedings of IIIrd International Conference on Luminescence and its Applications, MacMillan Advanced Research Series, New Delhi, pp. 241-246 February 2008
15. Page, P., Ghildyal R., Murthy, K.V.R. Luminescence Study of  $\text{Sr}_2\text{Al}_2\text{O}_5$ :  $\text{Tb}^{3+}$  Phosphor: Photoluminescence and Thermoluminescence Aspects Material Research Bulletin, vol 43, pp. 353-360, 2008
16. Page, P., Ghildyal, R., Murthy, K.V.R., Natrajan, V., Bhatt, B. C. Low Temperature Thermoluminescence of  $\text{Sr}_3\text{Al}_2\text{O}_6$ : X,Y Proceedings of IIIrd International Conference on Luminescence and its Applications, MacMillan Advanced Research Series, New Delhi, pp. 247-252 February 2008
17. Panchal, C.J., Desai, M.S., Kheraj, V.A., Patel, K.J. Padha, N. Barrier Inhomogeneities in Au/CdSe Thin Film Schottky Diodes Semiconductor Science and Technology 23(015003), 2008
18. Pandya, J.N., Rai, A.K. Vinodkumar, P.C. Masses & Decay Modes of Charmonia From a Confinement Model AIP Publications, vol 939, pp. 20-23, 2007

- |     |   |  |   |
|-----|---|--|---|
| 19. | Pandya, J.N.,<br>Rai, A.K.,<br>Vinodkumar, P.C.   | Bottomonium Masses, Decay Rates and Scalar Charge Radii  | Frascati Physics Series, INFN XLVI<br>pp. 1519-1522, 2007   |
| 20. | Pandya, J.N.,<br>Rai, A.K.,<br>Vinodkumar, P.C.   | Decay Modes and Scalar Charge Radii of Bc  | Proceedings of DAE National Symposium on Nuclear Physics, vol 52 , pp. 514 ,2007  |
| 21. | Pratap, A.,<br>Rao, T.L.S., Lad, K.N.<br>Dhurandhar, H.D.   | Kinetics of Crystallization of Titanium based Binary and Ternary Amorphous Alloys  | Journal of Non-Crystalline Solids, vol 353,<br>pp. 2346-2349, July 2007   |
| 22. | Pratap, A.,<br>Rao, T.L.S.,<br>Lad, K.N.,<br>Dhurandhar, H.D.   | Isoconversional Vs Model Fitting Methods: A Case Study of Crystallization Kinetics of A Fe-Based Metallic Glass                                | Journal of Thermal Analysis & Calorimetry, vol 89, pp. 399-405, August 2007   |
| 23. | Rai, A. K.,<br>Pandya, J.N.,<br>Vinodkumar, P.C.  | Multiquark States as Di-Hadronic Molecules   | Nuclear Physics A, vol 782, pp. 406-409, 2007   |
| 24. | Rai, A.K.,<br>Pandya, J.N., Patel, B.,<br>Vinodkumar, P.C.  | Relativistic Corrections to the Quarkonium Decays  | Proceedings of DAE National Symposium on Nuclear Physics, vol 52, pp. 512, 2007   |
| 25. | Rao, T.L.S.,<br>Lad, K.N.,<br>Dhurandhar, H.D.,<br>Pratap, A., Jha, P.K.  | Nano Crystallization Kinetics of Amorphous Fe-Based Multicomponent Alloy by Non-Isothermal Analysis  | Materials Science Forum, vol 570, pp. 109-113,<br>February 2008   |
| 26. | Sastry, M.D.,<br>Gaonkar, M.P.,<br>Mane, S.N., Desai, S.N.,<br>Murthy, K.V.R.,<br>Bagala H.                     | Possibilities of Fluorescence Resonance Energy Transfer (FRET) in the Photo Luminescence (PL) of Point Defects in Coloured Diamonds            | Proceedings of 11th International Conference on Luminescence and its Applications, MacMillan Advanced Research Series, New Delhi, pp. 93-97, February, 2008 |
| 27. | Vinodkumar, P.C.,<br>Rai, A. K., Patel, B.,<br>Pandya, J.N.   | Charmed Open Flavour Mesons  | Frascati Physics Series INFN, vol XLVI<br>pp. 929-936, 2007   |
| 28. | Shah, N.M., Patel, K.J.,<br>Kheraj, V.A., Ray, J.R.,<br>Desai, M.S.,<br>Panchal, C.J.,<br>Rehani, B., Rao, V.J. | Optical and structural characterization of copper indium diselenide thin films prepared by direct thermal evaporation of the compound material | Proceedings of the International Conference on Solar Cells (IC SOLACE 2008), Cusat, Kochi, Kerala, pp. 272, January 21-23, 2008                             |

**Department of Chemical Engineering**

- |    |   |  |  |
|----|---|--|--|
| 1. | Sengupta, B.,<br>Bhakar, M. S.,<br>Sengupta, R. | Extraction of Copper From Ammoniacal Solutions into Emulsion Liquid Membranes using LIX 84 I | Hydrometallurgy, vol 89, pp. 311 – 318, 2007 |
|----|---|--|--|

**Department of Civil Engineering**

- |    |  |  |  |
|----|--|--|--|
| 1. | Ajmeri, P.S.,<br>Bhagat, M.R.,<br>Umrigar, F.S.,<br>Zala, L.B. | Airport Airside Capacity Study: A Case Study for S.V.P. International Airport, Ahmedabad                       | Journal of Engineering & Technology Sardar Patel University, vol-20, pp. 12-16,<br>December 2007 |
| 2. | Hinduja, K.A ,<br>Shah, A.R ,<br>Shah, K.A.,<br>Shah, K.A.     | A Case Study- Biodegradability Study using Different Seeding Materials in ETP of Polymer Manufacturing Company | Environment Pollution Control Journal, New Delhi, vol – 10. No. 4, pp. 58, May - June 2007       |

# The Maharaja Sayajirao University of Baroda

## Department of Computer Science and Engineering

1. Jivani, A.G. Discovering Communication Trends in E-Mails Using A Conceptual Clustering Approach Data Management, Macmillan Publisher, vol-I, March 2008

## Department of Electrical Engineering

1. Gupta, S.,  
Sharma, S.C.,  
Sharma, C.,  
Mehra, S.K. Development of Auto Combustion Control Logic for FBB, on Dcs. An Experimented Study PITA, London, vol.49, No.2, pp 17-23, March 2008
2. Jadeja, R.B.,  
Kanitkar, S.A. A Novel ICS High Frequency Power Supply for Plasma Applications IAENG Journal & Edited Book by Springer, ICEE-2008, pp 330-333, March 2008  
FET Analysis of an Impulse Power Supply for High Voltage International Journal of Electrical Analysis, vol. 01, pp 28 – 32, February 2008
3. Pandya, V.J.,  
Kanitkar, S.A. Protection of Series Compensated Transmission Line using Wavelet Transform Journal of World Academy of Science, Engineering & Technology [WASET] Vol.27, February– 2007
4. Sharma, S.C.,  
Gupta, S.,  
Sharma, C., Raj Kapoor Simulation of Untrol Loops of Pulp Bleaching Section using Distributed Control System – An Experimental Study JSiR [National], vol. 66, No. 6, pp 431- 434, June 2007

## Department of Mechanical Engineering

1. Qureshi, M.N.,  
Kumar D., Kumar P. Modelling the Logistics Outsourcing Relationship Variables to Enhance Shipper's Productivity and Competitiveness in Logistical Supply Chain International Journal of Productivity and Performance, vol. 56 No.8, pp 689-714, 2007
2. Qureshi, M.N.,  
Rahman, Z. Integrating the Supply Chain Flows for Business Effectiveness Journal of Studies in Business and Economics, vol. 13 No.1, pp 5-20, 2007
3. Qureshi, M.N.,  
Kumar, D.N.,  
Kumar, P. Performance Evaluation of 3PL Services Providers using AHP and TOPSIS – Case Study The ICFAI Journal of Supply Chain Management, vol. IV No.2, pp 20-38, 2007

## Department of Metallurgical and Materials Engineering

1. Dutta, S.K.,  
Lele, A.B. et al Modelling and Computer Simulation of CONARC Process IPC Bulletin on Iron & Steel Vol. VII (1) , pp 58-69, January 2007  
Stainless Steel for Architecture IPC Bulletin on Iron & Steel vol. VII (6) , pp 15-27, January 2007  
Thermo-Chemical Model for Duplex Stainless Steel Production Steel and Metallurgy, vol. 9 (10) , pp 54-65, August 2007
2. Dutta, S.K. Smelting Reduction Process: Indian Prospects & Prospective JPC Bulletin on Iron & Steel, vol. VII (11) , pp 23-29, November 2007  
DRI V/S Steel Scrap: Indian Prospects Minerals & Metals Review, vol. 34 (1) , pp 81-88, January 2008  
Challenges of Iron Ore for The Growth of Indian Steel Production JPC Bulletin for Iron & Steel, Vol. VIII (1) , pp 34-39, January 2008

- |                               |   |  |   |
|-------------------------------|---|--|---|
| 3.                            | Murti, N.S.S.,<br>Rehani, B.R.,<br>Rao, V.J.                    | Thermal Analysis of Lime<br>Added Carbon Reduction<br>of Chalcopyrite<br><br>Effect of Moisture in Lime on<br>Lime Added Carbothermic<br>Reduction of Chalcopyrite –<br>Thermal Analysis Studies             | Trans. Indian Inst. of Metals, Vol. 60, No.4,<br>pp. 417-430, August 2007<br><br>Trans. Indian Inst. of Metals, Vol. 60, No.6,<br>pp 563-569, December 2007                   |
| <b>Department of Pharmacy</b> |   |  |   |
| 1.                            | Balaraman, R.,<br>Mohan, M.                                     | Effect of A Polyherbal<br>Formulation on Anxiety<br>and Behaviour Mediated via<br>Monoamine Neurotransmitters  | Oriental Pharmacy and Experimental Medicine,<br>vol 7, pp 409-417, 2007   |
| 2.                            | Badhan, A.C.,<br>Mashru, R.C.,<br>Shah, P.P.,<br>Thakkar, A. R. | Stomach Targeted Drug<br>Delivery System for Effective<br>Treatment of H.Pylori Infection  | Proceedings of 8 <sup>th</sup> International Symposium on<br>Advances in Technology & Business Potential<br>of New Drug Delivery Systems, Ahmedabad,<br>February 26 -27, 2008 |
| 3.                            | Badhan, A.C.,<br>Mashru, R.C.<br>Shah, P.,<br>Thakkar, A.       | Stomach Specific Drug Delivery<br>System for Effective Treatment<br>of H.Pylori Infection  | AAPS Annual Meeting & Exposition, San Diego,<br>California, November 11-15, 2007  |
| 4.                            | Chougule, M.,<br>Padhi, B.P.,<br>Kaustubh, J.A.,<br>Misra, A.N. | Development of Dry Powder<br>Inhalers  | Recent Patents on Drug Delivery & Formulation,<br>vol 1, pp 11-21, 2007   |
| 5.                            | Chougule, M.,<br>Padhi, B.<br>Misra, A.N.                       | Nano- Liposomal Dry Powder<br>Inhaler of Tacrolimus:<br>Preparation, Characterization<br>and Pulmonary<br>Pharmacokinetics   | International Journal of Nanomedicine, vol 2(4),<br>pp 675-88, 2007   |
| 6.                            | Dhote, V.,<br>Balaraman, R.                                     | Anti-Oxidant Activity Mediated<br>Neuroprotective Potential of<br>Trimetazidine on Focal Cerebral<br>Ischaemia–Reperfusion Injury<br>in Rats   | Vaginal Drug Delivery Systems: A Review of<br>Current Status Clinical and Experimental<br>Pharmacology and Physiology, vol 35,<br>pp 630-637, 2008                            |
| 7.                            | Dobaria, N.,<br>Mashru, R.C,<br>Dave, H. N.,<br>Thakkar, A. R.  | Simultaneous Determination of<br>Salbutamol Sulphate,<br>Bromhexine Hydrochloride and<br>Etofylline in Pharmaceutical<br>Formulations with the use of<br>Four Rapid Derivative<br>Spectrophotometric Methods | East & Central African Journal of Pharmaceutical<br>Sciences, vol. 10, pp. 3-13, 2007   |
| 8.                            | Dhiman, M.,<br>Yedurkar, P.,<br>Sawant, K.K.                    | Buccal Bioadhesive Delivery<br>System of 5-Fluorouracil:<br>Optimization and<br>Characterization   | Drug Development and Industrial Pharmacy.<br>Jul , 34 (7), 61-70, 2008  |
| 9.                            | Dhiman, D.,<br>Yedurkar, P.,<br>Sawant, K. K.                   | Formulation, Characterization<br>and <i>In Vitro</i> Evaluation of<br>Bioadhesive Gels Containing<br>5-Fluorouracil  | Pharmaceutical Development and Technology,<br>13 :1, 15 -25, 2008   |
| 10.                           | Gosai, A.,<br>Patil, S.,<br>Sawant, K. K.                       | Formulation and Evaluation<br>of Oral Dispersible Tablets of<br>Ondansetron Hydrochloride by<br>Direct Compression using<br>Superdisintegrants   | International Journal of Pharmaceutical<br>Sciences and Nanotechnology<br>Vol 1 issue 1, 106-111-2008   |

11. Helen, P. K., Chagti, K., Giridhar, R., Yadav, M. R. Substitutes Aminoalcohol Ester Analogs of Indomethacin with Reduced Toxic Effects Med Chem Res 16, 101-111, 2007
12. Helen, P. K., Chagti, K., Giridhar, R., Yadav, M.R. Combining Anticholinergic and Anti Inflammatory Activities into A Single : A Novel Approach to Reduce Gastrointestinal Toxicity of Ibuprofen and Ketoprofen Drug Des., 70, 450-455, 2007
13. Helen, P. K., Chagti, K., Rawal, M. K. Giridhar, R., Yadav, M. R. Synthesis and Evaluation of Some Gastrointestinal Sparing Anti Inflammatory Aminoethyl Ester Derivates of Napthalene Based Nsaids Arch. Pharm Chme Life sic, 340, 88-94, Biol Res 70, 450-455,2007
14. Jogani, V., Shah, P.J., Mishra, P., Mishra, A.K., Misra, A. N. Nose to Brain Delivery of Tacrine Journal of Pharmacy and Pharmacology, 59(9):1199-205, 2007
15. Jogani, V., Jinturkar, K., Vyas, T., Misra, A.N. Recent Patents Review on Intranasal Administration for CNS Drug Delivery Recent Patents on Drug Delivery & Formulation, 2 (1), 25-40, 2008
16. Kanagale, P., Lohray, B. B., Davadra, P., Kini, R., and Misra, A. N. Formulation and Optimization of Porous Osmotic Pump based Controlled Release System of Oxybutynin AAPS Pharm. Sci. Tech., 13; 8(3): E53, 2007
17. Karanth, H., Murthy, R.S.R. pH Sensitive Liposomes- Principles and Applications in Cancer Therapy J. Pharmacy Pharmacology, 59 (4), April 2007, 469-483
18. Kumar, M., Misra, A., Babbar, A.K., Mishra, A.K., Mishra, P., Pathak, K. Intranasal Nanoemulsion Based Brain Targeting Drug Delivery System of Risperidone Int J Pharm. 24; 358 (1-2): pp. 285-91. 2008
19. Koneri, R., Balaraman, R. Antidiabetic Mechanisms of Saponins of Momordica Cymbalaria Phcog Mag.: Research Article, Vol 4, Issue 15, pp 197-206, 2008
20. Murthy, K., Mishra, S. H. TLC Determination of Betulinic Acid from *Nymphodies Macrospermum*: A New Botanical Source for Tagara Chromatographia. DOI, 8(4), pp. 580-587, 2008
21. Mehta, A. K., Yadav, K. S., Sawant, K. K. Nimodipine Loaded PLGA Nanoparticles: Formulation Optimization using Factorial Design, Characterization and in Vitro Evaluation Curr Drug Deliv. Jul;4(3):185-93, 2007
22. Mishra, S.H., Somashekar, A.P. Aphrodisiac Studies on *Trocholepis Glaberrima* DC with Supportive Action from Antioxidant Enzymes Pharmaceutical Biology, (7), 580-586, 2007
23. Mishra, S.H., Manish, S.L. Evaluation of Free Radical Scavenging Activity of *Butea Monosperma* Lam Indian Journal of Experimental Biology, 45(4), pp. 570-584, April, 2007
24. Mishra, S.H., Rai, P.D. Development of A Simple and Sensitive Spectrophotometric Method for Simultaneous Determination of Asiaticoside and Wedelolactone in A Poly Herbal Formulation Pharmacognosy Magazine, 2007, (9), 47-51. (45), 376-384, 2007

25. Mishra, S.H., Somashekar, A.P. Effect of Terpenoidal Fraction of *Echinops Echinatus* Roots on Reproductive Parameters of Male Rats Journal of Natural Medicines, 61(4), 452-457, 2007
- Pharmacognostical Parameters for the Evaluation of Roots of *Echinops Echinatus* Roxb. Marketed as Brahmadandi Pharmacognosy Magazine, (12), 196-203, 2007
27. Mishra, S.H., Manish, S.L. Nutritional and Therapeutic Potential of *Ailanthus Excelsa* – A Review Pharmacognosy Magazine, 1(1), 105-113, 2007
28. Misra, A.N., Shah, P., Jogani V., Mishra, P., Mishra, A.K., Bagchi, T. Role of <sup>99m</sup>Tc-Mannitol and <sup>99m</sup>Tc-PEG in Assessment of Paracellular Integrity of Cell Monolayers Nuclear Medicine Communications, 28(8): 653-9, 2007
29. Misra, A.N., Shah, P., Jogani, V., Mishra, P., Mishra, A.K., Bagchi, T. Modulation of Ganciclovir Intestinal Absorption in Presence of Absorption Enhancers Journal of Pharmaceutical Sciences, 96(10):2710-22. 2007
30. Misra, A.N., Shah, P., Jogani, V., Mishra, P., Mishra, A.K., Bagchi, T. In Vitro Assessment of Transepithelial Permeation of Acyclovir In Presence of Absorption Enhancers, Drug Development and Industrial Pharmacy, 34(3):279-88. 2008
31. Misra, A.N., Shah, P., Jogani, V., Mishra, P., Mishra, A.K., Bagchi, T. Role of <sup>99m</sup>Tc-Mannitol and <sup>99m</sup>Tc-PEG in Assessment of Paracellular Integrity of Cell Monolayers Nuclear Medicine Communications, 28(8): 653-9, 2007
32. Murumkar, P., Giridhar, R., Yadav, M. R. Quantitative Structure–Activity Relationship Studies on Benzothiadiazepine Hydroxamates as Inhibitors of Tumor Necrosis Factor- $\alpha$  Converting Enzyme Chemical Biology and Drug Design, 71 (4), 363-373, 2008
33. Nanda, B., Murthy, R.S.R. Preparation and Characterization of Chitosan Lactate Nanoparticles for the Nasal Delivery of Enalaprilat Journal of Biomedical-nanotechnology, 3(1), 45-51, April, 2007
34. Padhi, B., Chougule, M, Misra, A. N. Development of Spray Dried Liposomal Dry Powder Inhaler of Dapsone AAPS Pharm. Sci Tech, 9(1):47-53. 2008
35. Patel D, Sawant, K. K. Oral Bioavailability Enhancement of Acyclovir by Self-Microemulsifying Drug Delivery Systems (SMEDDS) Drug Dev Ind Pharm. Dec; 33(12):1318-26, 2007
36. Pattnaik, S., Panigrahi, L., Murthy, R.S.R. Periodontal Muco-Adhesive Formulations for the Treatment of Periodontal Infectious Diseases Current Drug Delivery, 4 (4), 306-323, 2007
37. Ramajayam, R, Giridhar, R., Yadav, M. R., Djaballah, H., Shum. D., Radu, C. Synthesis and Antiproliferative Activity of some Diaryldiazepines and Diarylpyrimidines Journal of Enzyme Inhibition and Medicinal Chemistry, 22(6), 716 – 721, 2007.

- |     |   |  |   |
|-----|---|--|---|
| 38. | Rajput, S.J.,<br>Raj, H. A.   | Spectrophotometric Estimation in Tegaseror Maleate Bulk and Pharm Dosage form  | Ind Journal of Pharm Sci. 69(2),314-315, 2007   |
|     |   | Simple Spectrophotometric Estimation of TM in Bulk and Tablet Formulations   | Indian Drugs, 43 (7) , 574-575, 2007  |
|     |   | Simultaneous Spectroscopic Estimation of Ezetimibe and Simavastatin in Tablet Dosage form  | Ind. Journal of Pharm Sciences, 69(6) 759-762, 2007   |
| 39. | Rajput, S.,<br>Rai, P.A.,<br>Zade, V.                               | Studies on Extraction and Estimation of Psoralene in Psoratea Corylifotia  | Ph.Cog MAg. Vol 4, issue 13, Jan.-Feb. 2008   |
| 40. | Sawant, K.K.,<br>Dhiman, M.K.,<br>Yedurkar, P.D.                    | Mucoadhesive Bilayer Tablets for Buccal Delivery of Carvedilol: in Vitro and in Vivo Investigations  | ARS Pharmaceutica.; 48 (3): 259-274., 2007  |
| 41. | Sawant, K.K,<br>Dodiya, S.S   | Recent Advances and Patents on Solid Lipid Nanoparticles   | Recent Patents on Drug Delivery & Formulation, 2 (2),120-135, 2008  |
| 42. | Seth, A. K.,<br>Misra, A.N.,  | Preparation and Evaluation of Acyclovir Liposomes by two Techniques: A Comparative Study   | Iranian Journal of Pharmaceutical Research, 6 (2): 75-81, 2007  |
| 43. | Surti, N.,<br>Naik, S.,<br>Misra, A. N.                             | Assessment of In-Vitro Antiproliferative Activity of WGA-Conjugated Budesonide Nanoparticles in A-549 Cells                                  | Journal of Biomedical Nanotechnology, Vol 3, 61-67, 2007  |
| 44. | Surti, N.,<br>Misra, A.N.   | Intracellular Delivery of Nanoparticles of an Antiasthmatic Drug   | AAPS Pharm Sci Tech 9(1):217-23, 2008   |
| 45. | Shah, P.P.<br>Mashru, R.C.,<br>Badhan, A.C.                         | Formulation and Evaluation of Rapid Disintegrating Tablet of Artemether",  | Proceedings of 8 <sup>th</sup> International Symposium on Advances in Technology & Business Potential of New Drug Delivery Systems, Ahmedabad, February 26-27, 2008                           |
| 46. | Shah, P.P.,<br>Mashru, R.C.,<br>Rane, Y. M.,<br>Badhan, A. C.       | Formulation & Evaluation of Taste Masked Oral Reconstitutable Suspension of Primaquine Phosphate   | Proceedings of AAPS Annual Meeting & Exposition, San Diego, California, November 11-15, 2007  |
| 47. | Shah, P.,<br>Mashru, R.,<br>Rane, Y.,<br>Badhan, A.,<br>Thakkar, A. | Design and Optimization of Artemether Reverse Enteric Chitosan Microparticles (RE-Chi) for Bitter Taste Masking                              | Proceedings of 34 <sup>th</sup> Annual Meeting & Exposition of the Controlled Release Society, California, June 7-11, 2007  |
| 48. | Shah, P.,<br>Mashru, R. C.,<br>Rane, Y<br>Sankalia, M.              | Design and Optimization of Mefloquine Hydrochloride Reverse Enteric Chitosan Microparticles (RE-Chi) for "Bitter Taste Masking"              | Proceedings of 3 <sup>rd</sup> World Congress of the Board Pharmaceutical Sciences of FIP, Amsterdam, The Netherlands, April 22-27, 2007  |
| 49. | Shah, P,<br>Mashru, R.C.,<br>Rane, Y.,<br>Nagraj, G.                | Preparation and Evaluation of Solid Dispersion of Mefloquine Hydrochloride for Bitter Taste Masking". Pharmaceutical Sciences World Congress | Proceedings of 7 <sup>th</sup> International Symposium on Advances in Technology & Business Potential of New Drug Delivery Systems, Mumbai, 13 <sup>th</sup> -14 <sup>th</sup> February, 2007 |

- |     |   |   |  |
|-----|---|---|--|
| 50. | Shah, P.P.,<br>Mashru, R.C.,<br>Rane, Y.M.,<br>Sankalia, J. M.,<br>Thakkar, A. R. | Preparation and Evaluation of Solid Dispersion of Artemether with Sodium Saccharine for Dissolution Enhancement   | Journal of Biomedical-nanotechnology, 3(1), April, 2007, Page 1- 17  |
| 51. | Shah, N.,<br>Murthy, R.S.R  | Strategies for Inhibition of P-Glycoproteins for Effective Treatment of MDR Tumors  | Journal of Applied Polymer Science, Volume 107, Issue 5, 3221-3229, 2007   |
| 52. | Shah, S.,<br>Pal, A.,<br>Rajyaguru, T.  | Lamotrigine Loaded Polyacrylate Nanoparticles Synthesized through Emulsion Polymerization   | Indian Journal of Experimental Biology, (46), 453-456, 2008  |
| 53. | Murthy, R.S.R.,<br>Devi, S.,<br>Suresh Kumar, S.V.<br>Mishra, S.H.                | Hepatoprotective Effect of <i>Pergularia Daemia</i> (Forsk.) Ethanol Extract and its Fraction   | Current Trends in Biotechnology & Pharmacy, 2 (3), 367-389, 2008   |
| 54. | Somashekar, A.,<br>Padashetty,<br>Mishra, S. H.                                   | Evaluation of Two Medicinal Plants Commercially Available in the Indian Market Under the Common Tradename Brahmadandi   | Chromatographia, (66), 447-449, 2007   |
| 55. | Shaikh, A.<br>Giridhar, R.,<br>Yadav, M.R.  | Bismuth Norfloxacin Complex: Synthesis, Physicochemical and Antimicrobial Evaluation  | Int. J. Pharm., 332, 24-30, 2007   |
| 56. | Thakkar, A.R.,<br>Mashru, R. C.   | Spectrophotometric Method for Determination of Organophosphorus Pesticides Residues in Different Food Products  | Proceedings of Colloquium Spectroscopicum Internationale XXXV Xiamen, China, September 23-27, 2007   |
| 57. | Thakkar, A.R.,<br>Mashru, R. C.,<br>Badhan, A. C.                                 | Effect of Natural Bioenhancer on Permeability of Blocker Atenolol   | Proceedings of British Pharmaceutical Congress Manchester, United Kingdom, September 10-12, 2007   |
| 58. | Thakkar, H.,<br>Sharma, R. K.,<br>Murthy, R.S.R.                                  | Enhanced Retention of Celecoxib-Loaded Solid Lipid Nanoparticles after Intra-Articular Administration   | Proceedings of 7 <sup>th</sup> International Symposium on Advances in Technology & Business Potential of New Drug Delivery Systems, Mumbai, February 13-14, 2007 |
| 59. | Sutariya, V.<br>Sankalia, M<br>Sankalia, J.,<br>Mashru, R.C                       | Solubility and Dissolution Rate Improvement of Lamotrigine Using Liquid Solid Dispersions   | Proceedings of AAPS Annual Meeting & Exposition, San Diego, California, November 11-15, 2007   |
| 60. | Vivek, K.,<br>Murthy, R.S.R.  | Investigations on The Effect of Lipid Matrix on the Drug Entrapment, in Vitro Release and the Physical Stability of Olanzapine Loaded Solid Lipid Nanoparticles | AAPS Pharm Sci Tech , 8(4), 2007   |
| 61. | Vivek, K.,<br>Harivardhan, R.,<br>Murthy, R.S.R.                                  | Comparative Study of Some Biodegradable Polymers on the Entrapment Efficiency, Release Behaviour of Etoposide from Microspheres                                 | Pharmaceutical Dev. and Technology, vol 12(1), 79-88, 2007   |
| 62. | Vijay, A.,<br>Jignesh, D.,<br>Satish, R.,<br>Sawant, K.K.                         | <i>A Oral Delivery System for Tetanus Toxoid</i>  | ARS Pharmaceutica; 48 (3): 275-296, 2007.  |

63. Ahire, V. J., Sawant, K.K., Doshi, J.B., Ravelkar, S.D. Microparticles as Oral Delivery System for Tetanus Toxoid Drug Dev Ind Pharm Oct; 33(10):1112-24, 2007
64. Varia, J., Dodiya, S.S., Sawant, K.K. Cyclosporine a Loaded Solid Lipid Nanoparticles: Optimization of Formulation, Process Variable and Characterization Current Drug Delivery, Vol. 5, Number 1, 64-69, 2008

**Department of Textile Chemistry**

1. Bhattacharya, S.D., Shah, S.F. Degumming of Decorticated Ramie – Effect of Alkalis on Gummy Compositions vis-a-vis their Properties Journal of Textile Inst., 98(5), pp 431 - 436, Sept. – Oct. '2007
2. Mairal, A.K., Vaidya, A.J. Role of some Speciality Chemicals in Formaldehyde Free Durable Press Finishing of Cotton Textile Industry & Trade Journal, Vol. No. 46, No.1-2, pp 25-27, Jan-Feb' 2008
3. Mairal, A.K., Chattopadhyay, D.P. Some Applications of Geo-Textiles in Civil Engineering- A Review Textile Industry & Trade Journal, Vol. No. 46, No.1-2, pp41-43, January-February 2008
4. Mairal, A.K., Patel, R.G. Continuous Dyeing of P/C Blend with Disperse-Reactive Dye System. Textile Industry & Trade Journal, Vol. No. 46, No.3-4, pp21-23, March-April'2008
5. Patel, B.H., Chattopadhyay, D.P. Nano-Particles and their uses in Textiles The Indian Textile Journal, vol. CXVII, No 3 pp 23-27, December 2007

**Department of Textile Engineering**

1. Chaudhari, S.B., Mandot, A.A. Neural Network in Textile Engineering Textile Review, vol 3, pp 25-30, May 2008
2. Mankodi, H.R. New Reinforced Material for Textile Composite Techno Times, vol XXI, pp 21-24, August 2007

5. (A) PAPERS PRESENTED AT INTERNATIONAL SEMINARS / CONFERENCES

Sr. No.	Author(s)	Theme, Organizing Body, Place & Date of Seminar/Conference	Title of Paper
<b>Department of Applied Chemistry</b>			
1.	Murthy, C.N., Shown, I.	Asian Symposium on 'Advanced Materials' (ASAM -2007) Far Eastern National University, Vladivostok, Russia, October 2007	Synthesis & Characterization of a Drug Carrier System Based on Water-Soluble $\gamma$ Cyclodextrin Polymer
<b>Department of Applied Mechanics &amp; Str. Engg</b>			
1.	Arekar, V.A., Solanki, N.K., Patodi, S.C.	Structural Engineers World Congress 2007, SEWC 2007, Bangalore, pp 114, Novmber 2-7, 2007	A Fuzzy-Genetic Hybrid Approach for Topology Optimization of Continuum Structures
2.	Arekar, V.A., Joshi, N.H., Shroff, A.V.	Foundations and Soil Foundation interaction, organized by IGS, 13 <sup>th</sup> Asian Regional Conference on Soil Mechanics and Geotechnical Engg., Kolkata, India, December 10-14, 2007	Experimental Model Study on Influence of Width of Reinforcing Elements on Reinforced Earth Wall Under Strip Loading

- |                                      |   |   |  |
|--------------------------------------|---|---|--|
| 3.                                   | Doiphode, G.S.,<br>Salat, K.N.,<br>Patodi, S.C.                 | International Conference on<br>'Recent Developments in<br>Structural Engineering, RDSE<br>-2007', Manipal,<br>August 30 - September 1, 2007   | An Integrated Force Method: A Novel Tool for<br>Indeterminate Structural Mechanics Problems        |
| 4.                                   | Gajjar R. K.,<br>Patodi S. C.                                   | Structural Engineers World<br>Congress, SEWC-2007,<br>Bangalore, November 2-7, 2007   | Development of Virtual Environment to Study<br>Effect of Cyclone Forces on Tall Buildings.         |
| 5.                                   | Godhwani, S.D.,<br>Patodi, S.C.,<br>Solanki, N.K.               | International Conference on<br>'Recent Developments in<br>Structural Engineering, RDSE-<br>2007', Manipal,<br>August 30 - September 1, 2007   | Fuzzy Logic Based Mix Design for Pumped<br>Concrete  |
|                                      |   | Structural Engineers World<br>Congress ,SEWC-2007,<br>Bangalore, November 2-7, 2007   | Hybridization of Soft Computing Tools for<br>Optimal Concrete Mix Design                           |
| 6.                                   | Panchal, D.R.,<br>Patodi, S.C.                                  | International Conference on<br>'Recent Developments in<br>Structural Engineering,<br>RDSE-2007', Manipal,<br>August 30-September 1, 2007  | A Simplified Method for the Design of<br>Composite Slabs   |
| 7.                                   | Rathod, J.D.,<br>Patodi, S.C.,<br>Parikh, B.K.,<br>Patel, K.H.  | International Conference on<br>'Recent Developments in<br>Structural Engineering, RDSE -<br>2007', Manipal, August 30-<br>September 1, 2007   | Study of Mechanical Properties of Engineered<br>Cementitious Composites                            |
|                                      |   | Structural Engineers World<br>Congress, SEWC - 2007,<br>Bangalore, November 2-7, 2007   | Flexural Behaviour of Engineered Cementitious<br>Composite Members                                 |
| 8.                                   | Thakur, L.S.,<br>Shah, D.L.,<br>Jagtap, S.,<br>Kavthekar, N. P. | 16 <sup>th</sup> Southeast Asian<br>Geotechnical Conference on<br>'Geo-environment', Malaysia,<br>May 8 - 11, 2007  | Remediation of Problematic Soils using<br>Electrokinetics and Factors Affecting                    |
| 9.                                   | Thakur, L.S.,<br>Shah, D. L.,<br>Padhiyar, V. L.                | 23 <sup>rd</sup> International Conference on<br>'Solid Waste Technology &<br>Management', Waste<br>Stabilization, Philadelphia,<br>USA, May 7-11, 2007  | Effect Of Soil Composition On Electrokinetic<br>Grouting   |
| <b>Department of Applied Physics</b> |   |   |  |
| 1.                                   | Dhurandhar, H.,<br>Shah A.N.,<br>Lad K.N., Pratap, A.           | International Conference-cum-<br>Workshop on Nanoscience and<br>Nanotechnology organized by<br>Ansal Institute of Technology<br>(AIT) Gurgaon (INDIA),<br>December 17-21, 2007                  | Grain Size Limit of Nanocrystalline Materials by<br>Annealing Bulk Metallic Glasses                |
| 2.                                   | Murthy, K.V.R.,<br>Rey, L.                                      | III <sup>rd</sup> International Conference<br>on Luminescence and its<br>Applications, National Physical<br>Laboratory and Luminescence<br>Society of India, New Delhi,<br>February 13-16, 2008 | Low Temperature Thermoluminescence<br>Characteristics of X-Ray Irradiated Agricultural<br>Products |

- |    |  |   |   |
|----|--|---|---|
| 3. | Murthy, K.V.R.,<br>Zambare, A.P.,<br>Natarajan, V.,<br>Ravikumar, V.,<br>Chaudhari K.G.,<br>Patil, Y.S.,<br>Mandavia, H.C.,<br>Purohit, R.U  | IIIrd International Conference<br>on Luminescence and its<br>Applications, National Physical<br>Laboratory and Luminescence<br>Society of India, New Delhi,<br>February 13-16, 2008             | Thermoluminescence Study Of Natural<br>Minerals Used In Ceramic Tiles Industry  |
| 4. | Murthy K.V.R.,<br>Rao, N.B.,<br>Kumar, R.V.,<br>Rao, M.R.,<br>Subba Rao B., Rao, N.<br>Poornachandra, R.<br>Subramanyam, V.<br>Zambare, A.P. | IIIrd International Conference<br>on Luminescence and its<br>Applications, National Physical<br>Laboratory and Luminescence<br>Society of India, New Delhi,<br>February 13-16, 2008.            | Thermoluminescence Study And Activation<br>Energy Calculations Of Common Salt   |
| 5. | Murthy, K.V.R.,<br>Subba Rao R.B.,<br>Rao Poornachandra N.,<br>Subrahmanyam, R.V.,<br>Patil, Y. Chaudhari, K.G.                              | IIIrd International Conference<br>on Luminescence and its<br>Applications, National Physical<br>Laboratory and Luminescence<br>Society of India, New Delhi,<br>February 13-16, 2008,            | Low Temperature Thermoluminescence<br>Characteristics of X-Ray Irradiated Tamarind  |
| 6. | Parmar, M.,<br>Patel, Y.S.,<br>Kumar, R.V.,<br>Patil, Y.,<br>Chaudhari, K.G.,<br>Murthy, K.V.R.  | IIIrd International Conference<br>on Luminescence and its<br>Applications, National Physical<br>Laboratory and Luminescence<br>Society of India, New Delhi,<br>February 13-16, 2008             | Luminescence Study Of Lanthanum Phosphate<br>Doped With Ce,Tb   |
| 7. | Prajapati, A.N.,<br>Rana, V.A.,<br>Vyas, A.D.,<br>Bhatnagar S. P.  | International Conference on<br>'Microwaves and<br>Optoelectronics (ICMO-2007)'<br>Department of Physics,<br>Dr. BAMU University,<br>Aurangabad,<br>December 17-20, 2007                         | Dielectric Dispersion And Relaxation Mechanism<br>Of Mixtures Of Fluorobenzene And 1-Propanol<br>At Microwave Frequencies |
|    |  | International Conference on<br>'Microwaves and<br>Optoelectronics (ICMO-2007)'<br>Department of Physics,<br>Dr BAMU University,<br>Aurangabad,<br>December 17-20, 2007                          | Dielectric Relaxation Mechanism In Methanol<br>And Its Mixtures With Fluorobenzene  |
| 8. | Pratap, A.   | International Conference-cum-<br>workshop on Nanoscience and<br>Nanotechnology organized by<br>Ansal Institute of Technology<br>(AIT) Gurgaon (INDIA),<br>December 17-21, 2007                  | Nano-Characterization<br>Novel methods of Synthesis and<br>Characterization of Nano-Structured<br>Materials               |
| 9. | Ramalingeswara, M.<br>Rao, S.,<br>Murthy, K.V.R.   | III <sup>rd</sup> International Conference<br>on Luminescence and its<br>Applications, National Physical<br>Laboratory and Luminescence<br>Society of India, New Delhi,<br>February 13-16, 2008 | Thermoluminescence Characteristics $MgB_4O_7$ ,<br>$MgB_4O_7:Mn$ and $MgB_4O_7:Cu$ Phosphors                              |

- |     |   |  |   |
|-----|---|--|---|
| 10. | Ramalingeswara, M.,<br>Somaiah, K.,<br>Natrajan, V.<br>Murthy, K.V.R.   | III <sup>rd</sup> International Conference on Luminescence and its Applications, National Physical Laboratory and Luminescence Society of India, New Delhi, February 13-16, 2008 | Thermoluminescence Studies of $Y_2O_3:Eu$ and $YVO_4:Eu$  |
| 11. | Ramalingeswara, M.<br>Rao, S.,<br>Murthy, K.V.R.  | III <sup>rd</sup> International Conference on Luminescence and its Applications, National Physical Laboratory and Luminescence Society of India, New Delhi, February 13-16, 2008 | Thermoluminescence Characteristics $MgB_4O_7$ , $MgB_4O_7:Mn$ and $MgB_4O_7:Cu$ Phosphors       |
| 12. | Ravi, K.,<br>Somaiah, K.,<br>Ramalingeswara, M.,<br>Rao, Subba Rao B.,<br>Rao Poornachandra N.,<br>Murthy, K.V.R. | III <sup>rd</sup> International Conference on Luminescence and its Applications, National Physical Laboratory and Luminescence Society of India, New Delhi, February 13-16, 2008 | Thermoluminescence Study of Gamma Irradiated $BaMgAl_{10}O_{17}:Ce, Eu$ And $Tb$ Doped Phosphor |
| 13. | Ravi, K.V.,<br>Somaiah, K.<br>Ramalingeswara M.,<br>Rao, B.Subba Rao,<br>N.Poornachandra Rao<br>Murthy, K.V.R.    | III <sup>rd</sup> International Conference on Luminescence and its Applications, National Physical Laboratory and Luminescence Society of India, New Delhi, February 13-16, 2008 | Thermoluminescence Study of Gamma Irradiated $BaMgAl_{10}O_{17}:Ce, Eu$ And $Tb$ Doped Phosphor |
| 14. | Sai Prasad, A.S.,<br>Natrajan, V.<br>Murthy, K.V.R.   | III <sup>rd</sup> International Conference on Luminescence and its Applications, National Physical Laboratory and Luminescence Society of India, New Delhi, February 13-16, 2008 | Thermoluminescence Emission Study of $BaMgAl_{10}O_{17}:Ce, Mn$ and $Ce:Mn$ Doped Phosphors     |
| 15. | Zambare, A.P.<br>Sai Prasad, A.S.,<br>Natrajan V.,<br>Nageswara Rao,<br>Murthy, K.V.R.                            | III <sup>rd</sup> International Conference on Luminescence and its Applications, National Physical Laboratory and Luminescence Society of India, New Delhi, February 13-16, 2008 | Thermoluminescence Emission Studies of $Mn, Eu$ And $Mn, Eu$ Doped Barium Magnesium Aluminates  |

### Department of Chemical Engineering

- |    |                               |  |   |
|----|-------------------------------|--|---|
| 1. | Sengupta, B.,<br>Sengupta, R. | International Symposium on 'Recent Trends in Surface & Colloid Science', Indian Statistical Institute, Kolkata, November 15-16, 2007 | Aging & Stability of W/O Emulsions with Strong Electrolytes in Aqueous Phase. |
|----|-------------------------------|--|---|

### Department of Civil Engineering

- |    |                              |   |   |
|----|------------------------------|---|---|
| 1. | Bhatti, G.H.,<br>Patel, H.M. | River Festival 2008, International Conference organised by Narmada Samagra at Bandrabhan, Hoshangabad, M.P., February 23-25, 2008 | River Aquifer Interaction with Radial Collector Wells: A Case Study of Mahi River |
|----|------------------------------|---|---|

# The Maharaja Sayajirao University of Baroda

## Department of Computer Science and Engineering

- |    |              |  |                                  |
|----|--------------|--|----------------------------------|
| 1. | Padole, M.C. | Information & Communication Technology in Education<br>Colombo Plan Staff College (CPSC) Hrd in Asia & Pacific Region, Manila & National Institute of Technical Teachers Training & Research, Chennai, December 26, 2007 | ICT, for ICT Teaching & Learning |
|----|--------------|--|----------------------------------|

## Department of Electrical Engineering

- |    |  |  |  |
|----|--|--|--|
| 1. | Bhadade, U.S.,<br>Sharma, V.K.,<br>Trivedi, A.I. | TENCON 2007, IEEE Conference, Taipei, Taiwan, October 31 - November 1, 2007  | A New General Purpose Compression Method for Search in Large Collections.                            |
| 2. | Deshpande, A.S.,<br>Kelkar, R.B.                 | 'Current Trends in Technology', Nirma Institute of Science and Technology, Ahmedabad, November 29- December 1, 2007          | GA Application to Economic Load Dispatch of Wind Scheduling Problem.                                 |
| 3. | Deshpande, A.S.,<br>Shukla, A.                   | 'Current Trends in Technology', Nirma Institute of Science and Technology, Ahmedabad, November 29-December 1, 2007           | Device Co-ordination with Software Tool PTW – 32   |
| 4. | Deshpande, A.S.,<br>Kelkar, R.B.                 | 'Energy, Economy and Environment', National Institute of Technology, Calicut, Janaury 31-February 1, 2008                    | Multiobjective Generation Scheduling Based Environmental & Economic Load Dispatch                    |
| 5. | Deshpande, A.S.,<br>Verma, N.                    | Advances in Power Systems and Engergy Management, Chitkara Institute of Engg. & Technology, Rajpura, Punjab, March 1-2, 2008 | Development Of Travelling Waves For Distribution Lines.  |
| 6. | Deshpande, A.S.,<br>Shah, A.                     | Advances in Power Systems & Energy management, Chitkara Institute of Engg. & Technology, Rajpura, Punjab, March 1-2, 2008    | Numerical Distance Relay Calculation & Application to a Single Circuit Line of 400 KV Bus Substation |
| 7. | Joshi, S.K.,<br>Pandya, K.S.                     | International Conference on Computer, Electrical and Systems Science and Engineering, Cairo, Egypt, February 2008            | A Comprehensive Review of Optimal Power Flow   |
| 8. | Kanitkar S.A.,<br>Jadeja R.B.                    | IEEE Power Engg. Conference IPEC-2007, Singapore, December 2007  | Operation & Analysis of A Series Loaded Resonant Converter Based Power Supply                        |
|    |  | IEEE Conference Proc.- Industrial Electronics IECON-2007, Taipei, Taiwan, November, 2007                                     | Investigation of an Impulse Power Supply for Pulse Power Applications                                |
|    |  | International Conference on Power System at CCPRI, Bangalore, India, ICPS-2007, December 2007                                | Full Bridge ZCS Resonant Converter Based Power Supply for High Voltage Applications                  |

- |     |  |   |   |
|-----|--|---|---|
| 9.  | Pandya, V. J.,<br>Kanitkar, S.A.                       | IEEE PES CIGRE<br>AUPEC – 2007, International<br>Conference at Curtin Univ. of<br>Tech., Perth, Australia,<br>December 9 – 12, 2007 | A Novel Unit Protection For Series Compensated<br>Transmission Line Using Wavelet Transform |
|     |  | IEEE PES CIGRE<br>AUPEC – 2007 International<br>Conference at Bangalore,<br>December 12-14, 2007                                    | Protection of Series Compensated Transmission<br>Lines using Wavelet Transform              |
| 10. | Patel, M., Shah, M.V.,<br>Sharma, D.,<br>Trivedi, A.I. | World Congress on<br>Engineering 2007, IAE,<br>London, July 2-4, 2007   | DSA Algorithm for High Speed Symmetric<br>Crossbar Swith                                    |

### Department of Mechanical Engineering

- |    |   |  |   |
|----|---|--|---|
| 1. | Chaudhary, A.,<br>Bhatiya, R.,<br>Pandey, A.B.  | International Conference on<br>Recent Developments in<br>Mechanical Engineering<br>(ICRDME-2008) held at<br>SUSCET, Tangori (Mohali),<br>Punjab, January 23-25, 2008 | Camless Operation of SI Engine  |
| 2. | Chavda, N.K.,<br>Prabhakaran, P.                | International Conference on<br>Emerging Technologies and<br>Applications in Engg.<br>Technology & Sciences held<br>at Rajkot, Gujarat, India,<br>January 13-14, 2008 | Comparative Study Of Conventional And<br>Non-Conventional Optimization Techniques For<br>HENS – Mathematical Formulations         |
|    |   | International Conference on<br>Emerging Technologies<br>and Applications in Engg.<br>Technology & Sciences held<br>at Rajkot, Gujarat, India,<br>January 13-14, 2008 | Comparative Analysis of Conventional and<br>Non-Conventional Techniques for HENS – A<br>Case Study                                |
| 3. | Maki, D.F.,<br>Pandey, A.B.,<br>Prabhakaran, P. | International Conference on<br>Recent Developments in<br>Mechanical Engineering<br>(ICRDME-2008) held at<br>SUSCET, Tangori (Mohali),<br>Punjab, January 23-25, 2008 | Some Aspects of using Accoustic Emissions<br>from a Diesel Engine to Diagnose its Working<br>Conditions                           |
| 4. | Mistry, J.H.,<br>Damale, A.V.,<br>Ingle, S.S.   | International Conference on<br>Recent Developments in<br>Mechanical Engineering<br>(ICRDME-2008) held at<br>SUSCET, Tangori (Mohali),<br>Punjab, January 23-25, 2008 | An Investigation of Effect of Number of Passes<br>on Angular Distortion of Manual Metal Arc<br>Welded Structural Steel Plates     |
| 5. | Parikh, H.P.,<br>Srinivas, R.R.                 | International Conference on<br>Recent Developments in<br>Mechanical Engineering<br>(ICRDME-2008) held at<br>SUSCET, Tangori (Mohali),<br>Punjab, January 23-25, 2008 | Comparision of Heat Transfer During Film<br>Condensation of an Eco-Friendly Refrigerant on<br>Horizontall Finned Tubes in Bundles |
| 6. | Qureshi, M.N.,<br>Kumar, D.,<br>Kumar, P.       | IEEE Conference on Industrial<br>Engineering & Management,<br>Singapore, December 02-05,<br>2007   | Selection of Potential 3PL Services Providers<br>using TOPSIS with Interval date  |

- |    |                                 |   |   |
|----|---------------------------------|---|---|
|    |                                 | International Conference on Recent Trends in Mechanical Engineering, Ujjain Engineering College, October 04-06, 2007                                  | Performance Evaluation of TQM in Indian Logistics Industries – A Graph Theory and Matrix Approach |
|    |                                 | XI Annual International Conference of SOM (AICSOM 2007), Nasik, December 21-23, 2007  | Integrating AHP with QFD for the Selection of 3PL Service Providers                               |
| 7. | Sulaiman, D.A.,<br>Pandey, A.B. | International Conference on Recent Developments in Mechanical Engineering (ICRDME-2008) held at SUSCET, Tangori (Mohali), Punjab, January 23-25, 2008 | Design of N-Degrees of Freedom Anthropometric Robot Arm with Embedded Control                     |

**Department of Metallurgical and Materials Engineering**

- |    |   |  |   |
|----|---|--|---|
| 1. | Joshi, P.B.,<br>Rehani, B. R,<br>Arun P,<br>Kaushik, V.K.   | International Conference on 'Powder Met. and particulate materials', organized by Metal Powder Industries Federation, Denver, Colorado, USA on May 13-16, 2007 | Improved Dispersion of Graphite in Silver-Graphite Composite Contact Materials by Electroless Coating Route |
| 2. | Joshi, P.B.,<br>Rehani, B. R,<br>Arun P.                    | International Conference on 'Powder Met. and particulate materials', organized by Metal Powder Industries Federation, Denver, Colorado, USA on May 13-16, 2007 | Enhancement in the Properties of Silver-Graphite Electrical Contact Materials by Lithium Addition           |
| 3. | Kahar, S.D.,<br>Pai, K.B.                                   | International Symposium on 'Energy Related Materials NMD-ATM 2007' of Indian Institute of Metal, Nehru Centre, Mumbai, November 13-16, 2007                    | Effect of Calcium Ion Addition on Morphology & Corrosion Resistance of Zinc Phosphated Steel                |
| 4. | Menghani, J.,<br>Pai, K.B., Totlani, M.K.,<br>Jalgaonkar N. | International Symposium on 'Energy Related Materials NMD-ATM 2007' of Indian Institute of Metal, Nehru Centre, Mumbai, November 13-16, 2007                    | Effect of Thickness & Environment on Corrosion Behaviour of Zirconium Nitride Thin Films                    |

**Department of Pharmacy**

- |    |  |  |  |
|----|--|--|--|
| 1. | Badhan, A.C.,<br>Mashru, R.C.,<br>Shah, P.P,<br>Thakkar, A.R.        | 8 <sup>th</sup> International Symposium on Advances In Technology & Business Potential of New Drug Delivery Systems, Ahmedabad, February 26-27, 2008                         | Stomach Targeted Drug Delivery System for Effective Treatment of H.Pylori infection  |
|    |  | AAPS Annual Meeting & Exposition, San Diego, California, November 11-15, 2007  | Stomach Specific Drug Delivery System for Effective Treatment of H.Pylori            |
| 2. | Balaraman, R.,<br>Majithiya, J.B.,<br>Bothara, S.B.,<br>Megraj, K.V. | Joint Meeting of Slovak Physiological Society, The Physiological Society and The Federation of European Physiological Societies, Bratislava, Slovakia, September 11-14, 2007 | Effect of Atorvastatin Treatment on Isoproterenol –Induced Myocardial Injury in Rats |

- |     |  |   |  |
|-----|--|---|--|
| 3.  | Chauhan, A.<br>Murthy, R.S.R                                   | 4 <sup>th</sup> International Congress of Nanotechnology (ICNT) 2007, San Francisco, November 7-8, 2007   | The Potential of Vincristine Sulphate Loaded Gelatin Nanoparticles as Anticancer Agents  |
| 4.  | Dhiman, M.,<br>Yedurkar, P,<br>Sawant, K. K.                   | AAPS International Conference, San Diego, California, USA, November 11-15, 2007   | Oral Mucoadhesive gels for Transbuccal Delivery of 5 FU : In-vitro and In vivo Evaluation  |
| 5.  | Dodiya, S.S.,<br>Sawant, K. K.                                 | 8 <sup>th</sup> International CRS Symposium on 'Advances in Techniques and Business Potential of New Drug Delivery Systems', B V Patel-PERD Centre, Ahmedabad, February 25-26, 2008 | Formulation, Characterization and Stability Study of Adefovir Loaded SLNs  |
| 6.  | Koneri, R.,<br>Hariprasad.,<br>Megraj, K.V.,<br>Balaraman, R., | Joint Meeting of Slovak Physiological Society, The Physiological Society and The Federation of European Physiological Societies September 11-14, 2007, Bratislava, Slovakia         | Effect of <i>Momordica Cymbalaria</i> Fenzl on Myocardial Injury Induced by Isoproterenol  |
| 7.  | K. Vivek, Reddy, H.,<br>Murthy, R.S.R.                         | AAPS Annual Meeting & Exposition at San Diego, California, November 11-15, 2007   | Gelucirea® 44/14 Stabilized Solid Lipid Nanoparticles as A Potential Carrier for Increasing Brain Deposition " An in Vivo Study  |
| 8.  | Murumkar, R.,<br>Girdhar, R.,<br>Yadav, M.R.                   | 235 <sup>th</sup> American Chemical Society's National Committee Meeting, New Orleans, LA, USA. April 6-10, 2008  | 3D-Quantitative Structure Activity Relationship Studies on Benzothiadiazepine Hydroxamates as Inhibitors of Tumor Necrosis Factor- $\alpha$ Converting Enzyme (MEDI-90 |
| 9.  | Misra, A.N.,<br>Sharma, G.                                     | AAPS Annual Meeting and Exposition, San Diego, USA, November 14, 2007   | Intranasal Formulation of Cabergoline for Controlling Obesity and Ageing: Pharmacokinetic and Pharmacodynamic Studies  |
| 10. | Misra, A. N.   | South Asian Chapter of ACCP on 'Contemporary Issues in Drug Development and Future Challenges', Mumbai, October 5-7, 2007   | Recent Advances in Liposomal Dry Powder Inhaler Formulations for Pulmonary Disorder  |
| 11. | Patil, S.,<br>Sawant, K.K.                                     | 8 <sup>th</sup> International CRS Symposium on Advances in Techniques and Business Potential of New Drug Delivery Systems, February 25-26, 2008, B. V. Patel-PERD Centre, Ahmedabad | Formulation development and in Vitro evaluation of Na-Alginate Microspheres of Carvedilol for Nasal Delivery   |
| 12. | Patel, R., Patil, S.<br>Sawant, K. K.                          | 8 <sup>th</sup> International CRS Symposium on Advances in Techniques and Business Potential of New Drug Delivery Systems, February 25-26, 2008, B. V. Patel-PERD Centre, Ahmedabad | Formulation and Characterization of Microemulsion of Buspirone HCl for Intranasal Delivery   |

13.	Rajput, S. J. Rai, P. Pathak, A.	IPC, Varanasi, December 20-23, 2007	Determination of Accnitin in Ayurvedic Medicine by HPLC  Simultaneous Determination of Olanzapine Fluketine
14.	Rajput, S.J., Patel, S.	AAPS, San Diiego, California, November 11-15, 2007  AAPS, San Diiego, California, November 11-15, 2007	Investigation of Dissolution Enhancement of Cilotazol by Forming Inclusion Complexes  Micro Emulsion of Tadalafil
15.	Rajput, S.J., Dixit, A.	AAPS, San Diiego, California, November 11-15, 2007	Self Microemusifying System of Valsartan
16.	Shah, P., Mashru, R, Rane, Y, Sankalia, M. G.	34 <sup>th</sup> Annual Meeting & Exposition of the Controlled Release Society, California, June 7-11, 2007	Design and Optimization of Mefloquine Hydrochloride Reverse Enteric Chitosan Microparticles (RE-Chi) for Bitter Taste Masking
17.	Shah, P., Mashru, R.C., Rane, Y., Nagraj, G.	3 <sup>rd</sup> World Congress Congress of The Board of Pharmaceutical Sciences of FIP (PSWC 2007), Amsterdam, The Netherlands, April 22-27, 2007	Preparation and Evaluation of Solid Dispersion of Mefloquine Hydrochloride for Bitter Taste Masking
18.	Shah, P., Mashru, R.C., Thakkar, A., Mashru, Yogesh, R., Bhadhan, A.	AAPS Annual Meeting & Exposition, San Diego, California, November 11-15, 2007	Design And Optimization of Artemether Reverse Enteric Chitosan Microparticles (RE-Chi) for Bitter Taste Masking
19.	Shah, P.P., Mashru, R.C., Rane, Y.M., Badhan, A.C.,	8th International Symposium on Advances In Technology & Business Potential of New Drug Delivery Systems, Ahmedabad, February 26-27, 2008	Formulation & Evaluation of Taste Masked Oral Reconstitutable Suspension of Primaquine Phosphate
20.	Sutariya, V., Sankalia, M., Sankalia, J., Mashru, R.C.	AAPS Annual Meeting & Exposition, San Diego, California, November 11-15, 2007	Solubility and Dissolution Rate Improvement of Lamotrigine using Liquid Solid Dispersions
21.	Trivedi, C.J., Balaraman, R., Majithiya, J.B., Bothara, S.B., Megraj, K.V.	Joint Meeting of Slovak Physiological Society, The Physiological Society and The Federation of European Physiological Societies, Bratislava, Slovakia September 11-14, 2007	Effect of Atorvastatin Treatment on Isoproterenol –Induced Myocardial Injury in Rats
22.	Umrethia, M., Majithia, R., Ghosh, P, Kalole, J., Murthy, R.S.R	AAPS Annual Meeting & Exposition at San Diego, California, November 9-15, 2007	Flutamide Microbubbles Drug Delivery: Preparation and In-Vivo Studies
23.	Yadav, K. S., Sachdeva, G., Jacob, S, Chaudary, U. Sawant, K. K.	8 <sup>th</sup> International CRS Symposium on Advances In Techniques and Business Potential of New Drug Delivery Systems, B. V. Patel-PERD Centre, Ahmedabad, February 25-26, 2008	Intracellular Delivery of Etoposide Loaded PLGA Nanoparticles: Cytotoxicity and Cellular Uptake Studies

**Department of Textile Chemistry**

- |    |                                   |   |  |
|----|-----------------------------------|---|--|
| 1. | Bhattacharya, S.D.,<br>Shah, J.N. | International Conference on<br>Futuristic Trends in Textile, NIT<br>Jalandhar,<br>Decemebr 10 -12, 2007 | Pretreatment of Flax Fabric with<br>Aliphatic Amines |
|----|-----------------------------------|---|--|

**Department of Textile Engineering**

- |    |  |   |   |
|----|--|---|---|
| 1. | Patel, P.C., Patel, K.A.,<br>Patel, H.M. | 9 <sup>th</sup> International and 63 <sup>rd</sup><br>National Textile Conference,<br>Textile Association of India,<br>Ahmedabad, January 5-6, 2008 | Ground Water Recharge using Geosynthetics   |
| 2. | Patel, P.C.,<br>Mankodi, H.R.            | 9 <sup>th</sup> International and 63 <sup>rd</sup><br>National Textile Conference,<br>Textile Association of India,<br>Ahmedabad, January 5-6, 2008 | Innovation in Commingling Machine to Produce<br>Technical Yarns for Thermoplastic Composite                   |
| 3. | Patel, P.C.,<br>Kolhatkar, A.W.          | 4 <sup>th</sup> International Conference<br>on Healthcare and Medical<br>Textile at Bolton Institute,<br>UK, July 16-18, 2007                       | Determination of Burn Hazard Potentiality<br>and Comparison of Pre-ignition Thermal<br>Properties of Textiles |

**WREMI**

- |    |   |  |  |
|----|---|--|--|
| 1. | Bhatt, B.J., Shete, D.T.                              | International Symposium on,<br>"Agrometeorology and Food<br>Security (INSAFS)", Crop-<br>weather Modelling, DSS and<br>Yield Prediction organized<br>by Association of<br>Agrometeorologists, Anand and<br>Central Research Institute for<br>Dryland Agriculture, Hyderabad<br>at Central Research Institute<br>for Dryland Agriculture,<br>Hyderabad, February 18-21, 2008    | Study of Effect of Soil Moisture Holding<br>Capacity Ratio of Actual to Maximum<br>Evapotranspiration and Farming Strategies<br>in Vadodara District, Gujarat, India |
| 2. | Khatri, M.R,<br>Suryanarayana, T.M.V.,<br>Shete, D.T. | South Asian Conference on<br>"Water In Agriculture:<br>Management Options for<br>Increasing Crop Productivity<br>per Drop of Water", Irrigation<br>and Water Management,<br>organized by Soil Conservation<br>Society of India, New Delhi and<br>Indira Gandhi Krishi<br>Vishwavidhyalaya, Raipur at Indira<br>Gandhi Krishi Vishwavidhyalaya,<br>Raipur, November 15-17, 2007 | Hypersensitive Analysis of Conjunctive use:<br>Case Study of Deo Irrigation Project,<br>Gujarat; II: General Strategy  |
|    |   | International Symposium on,<br>"Agrometeorology and Food<br>Security (INSAFS)",<br>Agrometeorology and Water<br>Resources Management,<br>organized by Association of<br>Agrometeorologists, Anand and<br>Central Research Institute for<br>Dryland Agriculture, Hyderabad,<br>Central Research Institute for<br>Dryland Agriculture, Hyderabad,<br>February 18-21, 2008        | Optimization of Water Allocation For Minors 11<br>And 12 of Waghodia Branch of Deo Irrigation<br>Project, Gujarat, India, I: Methodology                             |

- |    |                              |   |  |
|----|------------------------------|---|--|
|    |                              | International Symposium on, "Agrometeorology and Food Security (INSAFS)", Agrometeorology and Water Resources Management, organized by Association of Agrometeorologists, Anand and Central Research Institute for Dryland Agriculture, Hyderabad, Central Research Institute for Dryland Agriculture, Hyderabad, February 18-21, 2008          | Estimation of Water Requirement of Cotton and Tur in the Command Area of Waghodia Branch of Deo Irrigation Project, Gujarat                        |
| 3. | Parekh, F.P.,<br>Shete, D.T. | South Asian Conference on "Water In Agriculture: Management Options for Increasing Crop Productivity per Drop of Water", Irrigation and Water Management, organized by Soil Conservation Society of India, New Delhi and Indira Gandhi Krishi Vishwavidhyalaya, Raipur at Indira Gandhi Krishi Vishwavidhyalaya, Raipur, November 15-17, 2007   | Cost Effectiveness and Yield Response of Drip and Indigenous Technical Know-How (ITK) Micro Irrigation System for Summer Groundnut and Cauliflower |
|    |                              | International Symposium on, "Agrometeorology and Food Security (INSAFS)", Agrometeorology and Water Resources Management, organized by Association of Agrometeorologists, Anand and Central Research Institute for Dryland Agriculture, Hyderabad, at Central Research Institute for Dryland Agriculture, Hyderabad. February 18-21, 2008       | Irrigation Scheduling for Summer Groundnut Considering Agro-Meteorological Parameters and Dual Crop Coefficient Approach                           |
| 4. | Patel, N.R.,<br>Shete, D.T.  | South Asian Conference on "Water In Agriculture: Management Options for Increasing Crop Productivity per Drop of Water", Climate Changes & Water Resources, organized by Soil Conservation Society of India, New Delhi and Indira Gandhi Krishi Vishwavidhyalaya, Raipur at Indira Gandhi Krishi Vishwavidhyalaya, Raipur. November 15-17, 2007 | Rainfall Analysis for Drought Estimation of Sabarkantha District of North Gujarat Region, India  |
|    |                              | International Symposium on, "Agrometeorology and Food Security (INSAFS)", Agrometeorology and Water Resources Management, organized by Association of Agrometeorologists, Anand and Central Research Institute for Dryland Agriculture, Hyderabad, at Central Research Institute for Dryland Agriculture, Hyderabad. February 18-21, 2008       | Markov Zero Order Model for Dry and Wet Spells for Sabarkantha District, Gujarat, India  |

- |    |  |  |   |
|----|--|--|---|
| 5. | Shelat, R.B.,<br>Shete, D.T.                           | International Symposium on, "Agrometeorology and Food Security (INSAFS)", Agrometeorology and Water Resources Management, organized by Association of Agrometeorologists, Anand and Central Research Institute for Dryland Agriculture, Hyderabad, at Central Research Institute for Dryland Agriculture, Hyderabad. February 18-21, 2008                  | Probability Distribution Analysis of Consecutive Days Rainfall Data for Patan District of Gujarat, India                                |
| 6. | Shete, D.T.  | International River Festival on Water, Narmada Samagra, Bandraban, Hoshangabad, February 23-25, 2008   | Revival of Rivers – Case Study of Saurashtra Region   |
| 7. | Sheth, M.P.,<br>Shete, D.T.                            | International Symposium on, "Agrometeorology and Food Security (INSAFS)", Agrometeorology and Water Resources Management, organized by Association of Agrometeorologists, Anand and Central Research Institute for Dryland Agriculture, Hyderabad, at Central Research Institute for Dryland Agriculture, Hyderabad, February 18-21, 2008                  | Study of Daily Normal Rainfall Pattern for Dahod District of Gujarat, India   |
| 8. | Suryanarayana, T.M.V.,<br>Khatri, M.R.,<br>Shete, D.T. | South Asian Conference on "Water In Agriculture: Management Options for Increasing Crop Productivity per Drop of Water". Theme: Irrigation and Water Management. Organized by: Soil Conservation Society of India, New Delhi and Indira Gandhi Krishi Vishwavidhyalaya, Raipur. Place: Indira Gandhi Krishi Vishwavidhyalaya, Raipur, November 15-17, 2007 | Hypersensitive Analysis of Conjunctive use: Case Study of Deo Irrigation Project, Gujarat; I: Methodology                               |
|    |  | International Symposium on, "Agrometeorology and Food Security (INSAFS)", Agrometeorology and Water Resources Management, organized by Association of Agrometeorologists, Anand and Central Research Institute for Dryland Agriculture, Hyderabad, at Central Research Institute for Dryland Agriculture, Hyderabad. February 18-21, 2008                  | Optimization of Water Allocation For Minors 11 and 12 of Waghodia Branch of Deo Irrigation Project, Gujarat, India,II: General Strategy |

5. (B) PAPERS PRESENTED AT NATIONAL / STATE LEVEL SEMINARS/CONFERENCES

Sr. No.	Author(s)/	Theme, Organizing Body, Place & Date of Seminar/Conference	Title of Paper
<b>Department of Applied Chemistry</b>			
1.	Chudasama, U.V., Patel, P.R.	Modern Trends in 'Inorganic Chemistry (MTIC-XII)', organized by Department of Chemistry, IIT, Madras, December 6-8, 2007	Synthesis, Characterization and Application of a Hybrid Material Zirconium Amino Trismethylene Phosphonate (Zratmp)
2.	Chudasama, U.V., Thakkar, R.P.	Modern Trends in 'Inorganic Chemistry (MTIC-XII)', organized by Department of Chemistry, IIT, Madras, Chennai, December 6-8, 2007	A Comparative Study of Proton Transport Properties of Amorphous and Crystalline Phases of Titanium Phosphate
3.	Chudasama, U.V., Patel, P.R.	44 <sup>th</sup> Annual Convention of Chemists 2007, organized by Indian Chemical Society, at Mahatma Gandhi Institute of Applied Science, Jaipur, December 23-27, 2007	Synthesis, Characterization and Ion Exchange Behaviour of A Hybrid Cation Exchange Material
4.	Chudasama, U.V., Thakkar, R.P.	16 <sup>th</sup> National Symposium on Thermal Analysis (THERMANS-2008) organized by BRNS, DAE and ITAS, at Indira Gandhi Centre for Atomic Research, Kalpakkam, February 4-6, 2008	Thermal Behaviour of A Bimetallic Phosphate and Phosphonate
5.	Chudasama, U.V., Patel, P.R.	16 <sup>th</sup> National Symposium on Thermal Analysis (THERMANS-2008, organized by BRNS, DAE and ITAS, at Indira Gandhi Centre for Atomic Research, Kalpakkam, February 4 - 6, 2008	Thermal Behaviour of A Hybrid Material Zirconium Diethylene Triamine Pentamethylene Phosphonate
6.	Chudasama, U.V. Patel, P.R.	Symposium on 'Emerging Trends in Separation Science and Technology (SESTEC-2008)', organized by BRNS and DAE, at Department of Chemistry, Delhi University, Delhi, March 12-14, 2008	Synthesis, Characterization and Ion Exchange - Application of Zirconium Phosphonate - A Novel Hybrid Material
7.	Rajapati, A.K., Varia, M. C.	14 <sup>th</sup> National Conference on 'Liquid Crystals' under the Auspices of the Indian Liquid Crystal Society, Deptt. of Physics, University of North Bengal, Siliguri, West Bengal, December 17-19, 2007	Y-Shaped Azomesogens with Polar Chloro and Nitro Substituents (Awarded the "Dewan Jawahar Lal Nayar Memorial Prize" for the best paper presentation.)

- |     |                                 |   |  |
|-----|---------------------------------|---|--|
| 8.  | Prajapati, A.K.,<br>Patel, H.N. | 14 <sup>th</sup> National Conference on 'Liquid Crystals' under the Auspices of the Indian Liquid Crystal Society, Deptt. of Physics, University of North Bengal, Siliguri, West Bengal, December 17-19, 2007 | Mesogenic Naphthyl Derivatives Containing Azomethine/Azo and Ester Central Linkages            |
|     |                                 | 5 <sup>th</sup> All Gujarat Research Scholar meet-AGRSMV, Indian Chemical Society, Vadodara Chapter, Dept. of Applied Chemistry, Faculty of Tech. & Engg, The M. S. University of Baroda, February 17, 2008   | Synthesis and Characterization of New Naphthye Derivatives                                     |
| 9.  | Prajapati, A.K.,<br>Modi, V.P.  | 5 <sup>th</sup> All Gujarat Research Scholar meet-AGRSMV, Indian Chemical Society, Vadodara Chapter, Dept. of Applied Chemistry, Faculty of Tech. & Engg, The M. S. University of Baroda, February 17, 2008   | Benzoxazine Derivatives with Amide Linkage: Synthesis Characterization and Microbial Activity" |
| 10. | Prajapati, A.K.,<br>Varia, M.C. | 5 <sup>th</sup> All Gujarat Research Scholar meet-AGRSMV, Indian Chemical Society, Vadodara Chapter, Dept. of Applied Chemistry, Faculty of Tech. & Engg, The M. S. University of Baroda, February 17, 2008   | Unconventional Mesogenic Azoesters Containing Polar Constituents                               |

**Department of Applied Mathematics**

- |    |              |   |  |
|----|--------------|---|--|
| 1. | Ramamohan S. | Mathematics Meet 2008, Department of Mathematics, Gujarat University, Ahmedabad, March 29, 2008 | Artificial Neural Networks - Context, Concept and Applications |
|----|--------------|---|--|

**Department of Applied Mechanics & Str. Engg**

- |    |  |  |  |
|----|--|--|--|
| 1. | Gajjar, R.K.,<br>Patodi, S.C.                    | National Conference on 'Current Trends in Technology, NUCONE 2007', Ahmedabad, November 29 - December 1, 2007                    | Performance Based Structural Aspects for Fire Safety Design          |
| 2. | Doiphode, G.S.,<br>Dhyani, D.J.,<br>Patodi, S.C. | National Conference on Current Trends in Technology, NUCONE 2007, Ahmedabad, November 29–December 1, 2007                        | Integrated Force Method: A Matrix Method for Space Framed Structures |
| 3. | Joshi, N.H.                                      | National Seminar on Piles, Diaphragms and Anchorages, organised by Indian Geotechnical Society (B.C.), Vadodara, July 9-10, 2007 | Piles Subjected to Lateral and Uplift Loads                          |

4.	Panchal, D.R., Patodi, S.C.	National Conference on Current Trends in Technology, NUCONE 2007, Ahmedabad, November 29-December 1, 2007	Design of Composite Steel-Concrete Beams with Processing in VBNET
5.	Panchal, D.R., Patel, H.H., Patodi, S.C.	National Seminar on 'Recent Trends in Geotechnical and Structural Engineering (RTGSE) Jaipur, December 22-23, 2007	Design of Steel – Concrete Composite Columns with Menu Driven Processing in VBNET
6.	Panchal, D.R., Patel, N.J., Patodi, S.C.	Proceedings of CBRI Conference on Challenges and Applications of Mathematical Modeling Techniques in Building Science, CAM2TBST Conference, Roorkee, February 7-8, 2008	Software Based on a Simplified Method of Design of Composite Slabs and Beams
7.	Purani, V.S., Patodi, S.C.	National Conference on 'Current Trends in Technology, NUCONE 2007', Ahmedabad, November 29-December 1, 2007.	Structural Engineering Applications with Augmented Neural Computing Based on CPN
8.	Rathod, J.D., Gandhi, D.A., Patodi, S.C.	National Seminar on Recent Trends in Geotechnical and Structural Engineering (RTGSE 2007), Jaipur, December 22-23, 2007	Effect of Cement: Sand Ratio on Impact Strength of Engineered Cementitious Composite
9.	Rathod, J.D., Patodi, S.C., Gandhi, D.A., Makwana, J.J.	CBRI Conference on Challenges and Applications of Mathematical Modeling Techniques in Building Science, CAM2TBST Conference, Roorkee, February 7-8, 2008	Effect Of Sand: Cement Ratio and Frictional Bond Strength on Flexural Behaviour of ECC Beams
10.	Shah, B.A., Rana, P., Patodi, S.C.	National Conference on 'Current Trends in Technology, NUCONE 2007', Ahmedabad, November 29-December 1, 2007	Seismic Evaluation of Building Frames with Semi Rigid Joints using Pushover Analysis
11.	Shah, B.A., Patodi, S.C., Chainani, A.M.	National Seminar on 'Recent Trends in Geotechnical and Structural Engineering (RTGSE) Jaipur, December 22-23, 2007	Performance Based Seismic Evaluation of RC Framed Structures with Infill Walls Modeled as Struts
12.	Shah, B.A., Nagaraj, V., Patodi, S.C.	Proceedings of CBRI Conference on Challenges and Applications of Mathematical Modeling Techniques in Building Science, CAM2TBST Conference, Roorkee, February 7-8, 2008	A Comparative Study of Seismic Performance of Rigid, Semi-Rigid and Hybrid RC Frames
13.	Solanki, N.K., Patodi, S.C.	Proceedings of CBRI Conference on Challenges and Applications of Mathematical Modeling Techniques in Building Science, CAM2TBST Conference, Roorkee, February 7-8, 2008	Applications of Soft Computing Tools in Design Optimization of Steel and Concrete Structures

### Department of Applied Physics

- |    |  |   |  |
|----|--|---|--|
| 1. | Anand, A.,<br>Chattopadhyay, A.K.,<br>Rao, C.V.S.            | National Symposium of Plasma Science Society of India (PSSI2007), Ahmedabad, December 6-10, 2007  | Dependence of Tomographic Reconstruction on the Signal to Noise Ratio of Edge Detectors  |
| 2. | Kheraj, V.A.,<br>Panchal, C.J.,<br>Sharma, T.K.              | Proceedings of Seventh National Laser Symposium 2007 (NLS-7), The M. S. University of Baroda, Vadodara, December 17-20, 2007                  | Study of Solder Materials for Packaging of High-Power Laser Diode,   |
| 3. | Murthy, K.V.R.,<br>Natarajan, V.                             | Accelerator and Low Level Radiation Safety, Nuclear Science Center, New Delhi, April 26-27, 2007  | TL Dosimetry Characteristics of BAM: Eu Phosphor   |
| 4. | Murthy, K.V.R.,<br>Natarajan, V.,<br>Parmar, M.C             | National Conference on 'Advanced Materials, Devices and Technologies', Department of Physics, S.V. University, Tirupati, February 20-22, 2008 | Effect of SiO <sub>2</sub> on Phtoluminescence Behavior of Zn <sub>2</sub> SiO <sub>4</sub> :Mn <sup>2+</sup> Phosphors for Plasma Display Panels & Its Applications |
| 5. | Pandya, J.N.,<br>Rai, A.K.,<br>Vinodkumar, P.C.              | DAE National Symposium On Nuclear Physics, Sambalpur, December 11-15, 2007  | Decay Modes and Scalar Charge Radii of B <sub>c</sub>  |
| 6. | Pratap, A.   | 'Recent advances in Nano-Science and Nanotechnology', Institute of Technology and Management (ITM), Gurgaon , October 08, 2007                | An Introduction to the Science of Nano-Materials   |
| 7. | Rai A.K.,<br>Pandya, J.N.,<br>Patel, B.,<br>Vinodkumar, P.C. | DAE National Symposium on Nuclear Physics, (2007) 512   | Relativistic Corrections to the Quarkonium Decays  |

### Department of Chemical Engineering

- |    |  |  |  |
|----|--|--|--|
| 1. | Padmavati, G.,<br>Chaudhari, K.K.,<br>Patel, V.R.,<br>Modi B.J.,<br>Pandya, P.,<br>Dabke, S.P. | National Symposium on advances in Chem.Engg. (AChemE), November 22-24, 2007, at College of Technology, Osmania University, Hyderabad | ANN Model for Mooney Viscosity of Polybutadiene Rubber |
|----|--|--|--|

### Department of Civil Engineering

- |    |   |  |  |
|----|---|--|--|
| 1. | Guruji, A.L.,<br>Patel, A.S.,<br>Shrimali, N.J. | National conference on "Focusing on Advances in Civil Engineering – FACE 08" TKM College of Engineering, Kollam, Kerala, February 21-23 2008 | Ground Water Fluctuations in Machhan River Basin |
| 2. | Majumdar, S.S.                                  | National Conference on Advances in Civil Engineering Maharashtra Institute of Technology, Pune, March 28, 2008                               | Sustainable Development through Green Buildings  |

# The Maharaja Sayajirao University of Baroda

- |    |                                |   |  |
|----|--------------------------------|---|--|
| 3. | Patel, A.S.,<br>Shrimali, N.J. | National conference on<br>"Focusing on Advances in<br>Civil Engineering -- FACE 08"<br>TKM College of Engineering<br>Kollam, Kerala<br>February 21-23, 2008 | Ground Water Level Study in the Catchment of<br>Kharsana Check Dam on River Machhan Nala<br><br>Study of Fluctuations of Water Table in the<br>Catchment of Mahudi Check Dam on River<br>Machhan Nala<br><br>Study of Rainfall Characteristics of Machhan<br>River Basin |
|----|--------------------------------|---|--|

## Department of Computer Science and Engineering

- |   |              |  |   |
|---|--------------|--|---|
| 1 | Jivani, A.G. | Technical Symposium IEEE<br>Gujarat Branch & DA IICT,<br>Gandhinagar,<br>Sept. 28,- Oct. 3, 2007 | An Approach Towards the SNN Clustering<br>Algorithm |
|---|--------------|--|---|

## Department of Electrical Engineering

- |    |   |   |   |
|----|---|---|---|
| 1. | Prabhakar, C.,<br>Kalyan, P.V.,<br>Nehete, P.P.             | All India Seminar on "Generation<br>Economics & Grid Security,"<br>Nagpur, April 13-14, 2007  | Transmission Pricing Methodologies under<br>Restructured Operation of Power Systems – An<br>Application |
| 2. | Gadit, J.J.,<br>Shah, S.K.                                  | National Conference on<br>Scientific and Engineering<br>Computation-2008, College of<br>Engineering, Osmanabad,<br>February 21–22, 2008   | Hybrid System using ANN and Genetic Algorithm<br>for the Identification of Higher-Order Signal          |
|    |   | National Conference on Power<br>Electronics and Power Systems,<br>MEPCO Engg. College, Vimdhu<br>nagar, T. N., March 14, 2008   | Embedding Genetic Algorithm for Optimizing<br>ANFIS   |
| 3. | Goyal, V.,<br>Keraliya, D.,<br>Shah, M.V.,<br>Trivedi, A.I. | National Conference on Design<br>Techniques for Modern Electronic<br>Devices, VLSI & Communication<br>Systems, NIT, Hamirpur<br>& VLSI Society of India, NIT,<br>Hamirpur, May-2007 | Implementation & Comparison of Different<br>Packet Classification Architectures                         |
| 4. | Joshi, S.K.,<br>Pandya, K.S.                                | All India Seminar on "Generation<br>Economics and Grid Security"<br>"GRIDSAFE April 8, 2007   | Optimal Power Flow – State of Art Incorporating<br>FACTS Devices  |

## Department of English

- |    |          |  |                   |
|----|----------|--|-------------------|
| 1. | Jain, C. | 'Cognitive Language Skills for<br>the 21 <sup>st</sup> Century', Twelfth<br>National Workshop conducted by<br>the Forum on Contemporary<br>Theory, Vadodara,<br>November 3-5, 2007 | General Semantics |
|----|----------|--|-------------------|

## Department of Mechanical Engineering

- |    |  |   |  |
|----|--|---|--|
| 1. | Baloni, B.D.,<br>Mohite, A.S.,<br>Mayavanshi, V.K. | 'Recent Trends in Mechanical<br>Engineering', SRCEM,<br>Banmora, May 12-13, 2007<br><br>National Conference on<br>"Advances in Mechanical<br>Engineering", Vasavi College<br>of Engineering, Hyderabad,<br>December 14-16, 2007 | Experimental Investigation of the Flow in a<br>Centrifugal Blower Volute<br><br>Comparison of Volute Casing Design based on<br>Experimental Investigation of the Flow in a<br>Centrifugal Blower |
|----|--|---|--|

## Faculty of Technology and Engineering

- |    |  |  |   |
|----|--|--|---|
| 2. | Jeswani, M.D.,<br>Desale, G.R.,<br>Borole, N.G.,<br>Thampy, S.K.,<br>Karhadkar, G.D. | InDACON-2008,<br>Vishakhapatnam,<br>January 28-31, 2008  | Production of Ultra Pure Water using<br>Indiginuously Developed Inter Polymer Ion<br>Exchange Membranes       |
| 3. | Mehta, J.R.  | Advances in Building<br>Management Services, Nirma<br>University, Ahmedabad,<br>October 19, 2007   | Novel Air Conditioning Methods for Better<br>Efficiency, IAQ & Comfort  |
| 4. | Parikh, H.P.,<br>Warke, S.K.,<br>Srinivas, R.R.                                      | 1 <sup>st</sup> National Conference on<br>'Emerging Trends in Mechanical<br>Engineering & Sciences<br>(ETIMES-2007)' held at BITS<br>College of Engineering, Erode,<br>Tamil Nadu,<br>December 19-20, 2007 | An Analytical Method To Predict Performance<br>Of An Expansion Chamber's Mufflers Using<br>Electrical Analogy |

### Department of Metallurgical and Materials Engineering

- |    |  |   |   |
|----|--|---|---|
| 1. | Dutta, S.K.  | NMD Celebration, IIM, Hazira<br>Chapter at Essar Steel,<br>November 21, 2007  | Modelling of CONARC Steelmaking Process   |
| 2. | Kahar, S.D.,<br>Pai K. B.,                                     | NMD-ATM 2007' of Indian<br>Institute of Metal, at Nehru<br>Centre, Mumbai ,<br>November 13-16, 2007   | Effect of Calcium Ion Addition on Morphology &<br>Corrosion Resistance of Zinc Phosphated Steel |
| 3. | Menghani, J.,<br>Pai, K.B.,<br>Totlani, M.K.,<br>Jalgaonkar N. | NMD-ATM 2007' of Indian<br>Institute of Metal, at Nehru<br>Centre, Mumbai,<br>November 13-16, 2007  | Effect of Thickness & Environment on Corrosion<br>Behaviour of Zirconium Nitride Thin Films     |
| 4. | Rehani, B.R.,<br>Joshi, P.B.,<br>Kaushik V.K.                  | ISNT Annual Convention NDE<br>2007 at Vadodara,<br>November 28-29, 2007   | NDT Technique to Characterize Tin Thin Films<br>of Various Thicknesses                          |
| 5. | Sahu, R.,<br>Dutta, S.K.                                       | Workshop on 'Synthesis and<br>Characterization of Nano-<br>structured materials (SCNM-08)',<br>Applied Physics Dept., The M.S.<br>University of Baroda,<br>Vadodara, March 30, 2008 | Issues Related to Processing of High – Energy<br>Milled Silver-Graphite Nanocomposite Powders   |
| 6. | Sundaresan, S.   | 61 <sup>st</sup> ATM of IIM, Mumbai,<br>November 15-16, 2007  | Effect of Coal Quality on Non-Isothermal<br>Reduction of Iron Ore-Coal Composite Pellets        |
| 6. | Sundaresan, S.   | National Welding Seminar<br>organized by the Indian Institute<br>of Welding at Chennai,<br>January 2008   | Joining Dissimilar Materials – Some Experiences   |

### Department of Pharmacy

- |    |   |  |  |
|----|---|--|--|
| 1. | Gosai, A.,<br>Patil, S.,<br>Sawant, K. K. | IAPST Conference on 'Drug<br>Delivery & Drug Targeting<br>Research', Jadavpur University,<br>Kolkata, January 19-20, 2008                            | Formulation and Evaluation of Orodispersible<br>Tablets of Midazolam by different Techniques                 |
| 2. | Gandhi, C. ,<br>Balaraman, R.             | 40 <sup>th</sup> Annual Conference<br>of Indian Pharmacological<br>Society, Department of<br>Pharmacology & Toxicology,<br>NIPER, November 1-3, 2007 | Effect of AROG - a Ploy Herbal Formulation on<br>High Cholesterol Diet -Induced Hyperlipidemia<br>in Rabbits |

## The Maharaja Sayajirao University of Baroda

- |  |   |  |   |
|--|---|--|---|
| 3.                                     | Gandhi ,C. ,<br>Patel,V.,<br>Zalawadia ,R.,<br>Balaraman, R.  | 40 <sup>th</sup> Annual Conference of<br>Indian Pharmacological<br>Society , Department of<br>Pharmacology & Toxicology,<br>NIPER, November 1-3, 2007  | The Effect of Hesperidin, a Bioflavonoid on<br>Experimentally Induced Renal<br>Ischemia-Reperfusion Injury in Rats                              |
| 4.                                     | Murumkar, P. R.,<br>Giridhar, R.,<br>Yadav, M. R.   | 59 <sup>th</sup> IPC, Varanasi,<br>December 1-3, 2007  | Development of Predictive 3D-QSAR COMFA<br>and COMSIA Models for $\alpha$ -Aminohydroxamic<br>Acid Derived TNF- Converting Enzyme<br>Inhibitors |
| 5.                                     | Mahera, N.B.,<br>Ramajayam, R.,<br>Prajapati, D.G.,<br>Giridhar, R.,<br>Yadav, M.R.,<br>Neamati, N. | 59 <sup>th</sup> IPC, Varanasi,<br>December 1-3, 2007  | Constrained Cyanoacrylamide Fragment as<br>Potential HIV Integrase Inhibitor  |
| 6.                                     | Misra, A.N.,<br>Hadia, J., Shah, B.   | 59 <sup>th</sup> IPC, Varanasi,<br>December 1-3, 2007  | Silk Fibroin attached Liposomal DPI of<br>Methotrexate for Lung Cancer  |
| 7.                                     | Misra ,A.N.,<br>Patel,G, Parmar ,N.   | 59 <sup>th</sup> IPC, Varanasi,<br>December 1-3, 2007  | Liposomal Dry Powder Inhaler of Budesonide<br>for Affective Treatment of Asthma   |
| 8.                                     | Patel, V.,<br>Balaraman, R.,<br>Zalawadia, R.   | 26 <sup>th</sup> Annual Conference<br>of IPS (Gujarat Chapter) at<br>ROFEL Shri G. M. Bilakhia<br>College of Pharmacy,<br>Vapi, March 16, 2008   | Antiallergic Effect of Rubia Cordifolia is Mediated<br>through Mast Cell Stabilization, but not through<br>H1-Receptor Antagonism               |
| 9.                                     | Prabhu, R.,<br>Balaraman, R.  | 40 <sup>th</sup> Annual Conference of<br>Indian Pharmacological<br>Society, Department of<br>Pharmacology & Toxicology,<br>NIPER, November. 1-3, 2007  | Effect of Alpha-Lipoic Acid in Cadmium Induced<br>Oxidative Stress.   |
| 10.                                    | Patel, V,<br>Zalawadia, R.  | 40 <sup>th</sup> Annual Conference of<br>Indian Pharmacological<br>Society, Department of<br>Pharmacology & Toxicology,<br>NIPER, November 1-3, 2007   | Effect of AROG - a Ploy Herbal Formulation on<br>High Cholesterol Diet -Induced Hyperlipidemia<br>in Rabbits                                    |
| 11.                                    | Patel, A.,<br>Zalawadia, R,<br>Gandhi, C,<br>Balaraman, R.  | 40 <sup>th</sup> Annual Conference of<br>Indian Pharmacological<br>Society, Department of<br>Pharmacology & Toxicology,<br>NIPER, November 1-3, 2007   | Anti-Allergic Effects of Rubia Cordifolia Linn. on<br>various Mast Cell-Mediated Allergic Models  |
| 12.                                    | Trivedi, C.,<br>Balaraman, R.,<br>Majithiya, J.,<br>Bothara, S.                                     | 40 <sup>th</sup> Annual Conference of<br>Indian Pharmacological Society,<br>Department of Pharmacology &<br>Toxicology, NIPER,<br>November 1-3, 2007   | Effect of Glimperide Treatment on Myocardial<br>Ischemia Reperfusion Injury in Streptozotocin<br>Diabetic Rats                                  |
| 13.                                    | Upaganlawar, A.,<br>Vinoth Kumar,<br>Megraj, Balaraman, R.,<br>Pancza, D., Ravingerová              | 26 <sup>th</sup> Annual Conference of IPS<br>(Gujarat Chapter) at ROFEL<br>Shri G.M. Bilakhia College of<br>Pharmacy, Vapi, March 16, 2008   | Cardioprotective Effects of Hemidesmus Indicus<br>and Hibiscus Rosa-Sinensis on Ischemia/<br>Reperfusion Injury in Isolated Rat Heart           |
| <b>Department of Textile Chemistry</b> |   |  |   |
| 1.                                     | Mairal, A.K.,<br>Karolia, A.,<br>Yadav, R.  | TEXQUEST-2008, Seminar on<br>Technical Textiles-Prospects for<br>Indian Industries. Department of<br>Fibers & Textile Processing<br>Technology, U.I.C.T., Matunga,<br>Mumbai, March 15, 2008 | Ultraviolet Radiation Protective Clothing for<br>Outdoor Workers  |

- |              |   |   |  |
|--------------|---|---|--|
| 2.           | Patel, B.H.,<br>Chattopadhyay, D.P.                   | Workshop on Synthesis and Characterization of Nano – Structured materials. Department of Applied Physics, The M.S. University of Baroda, Vadodara, March 30, 2008   | Improvement in the Properties of Cotton Textiles through the Application of Synthesized Cu Nano -Particles   |
| <b>WREMI</b> |   |   |  |
| 1            | Bhatt, B.J.,<br>Shete, D.T.                           | Shri Vasantao Naik Memorial National Agriculture Seminar on "Livelihood Security Through Rainwater Management", 'Crop and Soil Health Management' organized by Dr. Panjabrao Desmukh Krishi Vidyapeeth, Akola at College of Agriculture, Nagpur, January 22-23, 2008  | Characteristics of Tomato Yield Response due to Full and Deficit Irrigations in Vadodara District, Gujarat   |
| 2            | Nadar, A.V.,<br>Suryanarayana, T.M.V.,<br>Shete, D.T. | National Conference on Hydraulics and Water Resources "Hydro – 2007 on 'Water Resources and Hydrology', organized by SVNIT, Surat and Indian Society for Hydraulics at SVNIT, Surat, December 21-22, 2007<br>National Conference on Hydraulics and Water Resources "Hydro – 2007 on 'Water Resources and Hydrology', organized by SVNIT, Surat and Indian Society for Hydraulics at SVNIT, Surat, December 21-22, 2007  | Prediction of Drainage Coefficient by Probability Analysis<br><br>Estimation of Suspended Sediment Load; A Study using Regression and ANN Models   |
| 3            | Patel, N.R.,<br>Shete, D.T.                           | XXVI National Seminar on "Hydrology" with a Special Colloquium on "Rainfall versus Water Resources in North-East India: Water and Agriculture" organized by Association of Hydrologists of India at Department of Geography, North-Eastern Hill University, Shillong, October 26-28, 2007<br>National Conference on Hydraulics and Water Resources "Hydro – 2007 on 'Water Resources and Hydrology', organized by SVNIT, Surat and Indian Society for Hydraulics at SVNIT, Surat, December 21-22, 2007<br>Shri Vasantao Naik Memorial National Agriculture Seminar on "Livelihood Security Through Rainwater Management: Climate", organized by Dr. Panjabrao Desmukh Krishi Vidyapeeth, Akola at College of Agriculture, Nagpur, January 22-23, 2008 | Predicting Consecutive Days Maximum Rainfall from One Day Rainfall using Regression Models for Sabarkantha District of North Gujarat Region, India<br><br>Probability Distribution Analysis of Consecutive Days Rainfall Data for Sabarkantha District of North Gujarat Region, India<br><br>Predicting Consecutive Days Maximum Rainfall by Probability Approach for Sabarkantha District of Gujarat, India |

- |    |   |   |   |
|----|---|---|---|
| 4. | Shete, D.T.   | National Workshop on "Micro Irrigation Technology for Horticultural Crops in Chattisgarh State" organized by Indira Gandhi Krishi Vishwavidhyalaya, Raipur, at Indira Gandhi Krishi Vishwavidhyalaya, Raipur, November 21-23, 2007  | Optimization of Micro Irrigation System Layout and Design for Horticultural Crops   |
| 5. | Suryanarayana, T.M.V.,<br>Khatri, M.R.,<br>Shete, D.T | XXVI National Seminar on "Hydrology" with a Special Colloquium on "Rainfall versus Water Resources in North-East India: Water and Agriculture" organized by Association of Hydrologists of India at Department of Geography, North-Eastern Hill University, Shillong, October 26-28, 2007 | Optimization of Operational Plans For Conjunctive Use By Linear Programming, I: Methodology   |
|    |   | XXVI National Seminar on "Hydrology" with a Special Colloquium on "Rainfall versus Water Resources in North-East India: Water and Agriculture" organized by Association of Hydrologists of India at Department of Geography, North-Eastern Hill University, Shillong, October 26-28, 2007 | Optimization of Operational Plans for Conjunctive Use by Linear Programming, II: General Strategy   |
|    |   | Shri Vasant Rao Naik Memorial National Agriculture Seminar on "Livelihood Security through Rainwater Management: Crop and Soil Health Management" organized by Dr. Panjabrao Desmukh Krishi Vidyapeeth, Akola at College of Agriculture, Nagpur, January 22-23, 2008                      | Estimation of Crop Water Requirement: Case Study of Paddy and Maize Grown in Command Area of Waghodia Branch of Deo Irrigation Project, Gujarat |
| 6. | Suryanarayana, T.M.V.,<br>Nadar, A.V. Shete, D.T.     | National Conference on Hydraulics and Water Resources "Hydro-2007: Water Resources and Hydrology", organized by SVNIT, Surat and Indian Society for Hydraulics at SVNIT, Surat., December 21-22, 2007   | Frequency Analysis: Case Study of Devgarhbaria, Panchmahals District  |
|    |   | Shri Vasant Rao Naik Memorial National Agriculture Seminar on "Livelihood Security Through Rainwater Management: Rainfall Pattern and Agro-Advisory" organized by Dr. Panjabrao Desmukh Krishi Vidyapeeth, Akola, College of Agriculture, Nagpur, January 22-23, 2008                     | Drainage Coefficient by Gumbel's Probability Analysis   |

6. TALKS OF ACADEMIC NATURE IN PROFESSIONAL PROGRAMMES

Sr. No.	Name (s)	Nature of Professional Programmes	Title	Participated as
<b>Department of Applied Chemistry</b>				
1.	Deota, P.T.	UGC Exchange Program	Restro Synthetic Analysis : an Introduction and Practice	Visiting Lecturer
2.	Murthy, C.N.	Chemistry Deptt. Sahmyook University International Exchange Programme.(INSA)	Invitation Complexes of Cyclodekhing	Invited Lecturer
		Chemistry Dept., Pusan National University, South Korea International Exchange Programme (INSA)	Invitation Complexes of Cyclodekhing	Invited Lecturer
		Chemistry Dept., KAIST, Daejon, South Korea International Exchange Programme (INSA)	Invitation Complexes of Cyclodekhing	Invited Lecturer
<b>Department of Applied Mathematics</b>				
1.	Ramamohan, S.	Western Regional Conference of Computer Society of India at Changa Institute of Technology.	Systems, Intelligence and Soft Computing	Keynote Speaker
2.	Vakaskar, D.C.	Refresher Course in Mathematics, Physics, Computer Science, BAM University, Aurangabad	Matlab and Application	Invited Speaker
		Study Group Meeting South Africa, Withvatorstraud University	Application of Simulation in Industry	Invited talk
<b>Department of Applied Mechanics &amp; Str. Engg</b>				
1.	Patodi, S.C.	Short Term Course on "FEM and Its Applications" at L. D. Engineering College, Ahmedabad	FEM-Basic Aspects and Steps	Expert Speaker
2.	Rathod, J.D.	Training Programme of Junior Enigneers (GETCO), Vadodara.	Mix Design of Concrete Based on is Method	Expert Speaker
3.	Shah, B.A.	AICTE-ISTE sponsored STTP on "Earthquake: System, Behaviour and Design", June 8-14, 2008	Earthquake Risk and Remedies, Earthquake Engineering Overview	Expert Lecturer
<b>Department of Applied Physics</b>				
1.	Anand, A.	Institutional Seminar of Institute for technical Optics, University of Stuttgart, Germany, April 18, 2007	Advanced Imaging Techniques for Phase Objects	Invited Speaker
2.	Murthy, K.V.R.,	III <sup>rd</sup> International Conference on Luminescence and its Applications, National Physical Laboratory and Luminescence Society of India, February, 13-16, 2008, New Delhi	Low Temperature Thermally Stimulated Luminescence Characterisits of Rice Flour With And Without H <sub>2</sub> O And D <sub>2</sub> O	Invited Speaker
		National Conference on Advanced Materials, Devices and Technologies, Department of Physics, S.V. University, Tirupati, February 20-22, 2008	Luminescence Investigations on Bi Co-doped Sr <sub>2</sub> SiO :Eu and Sr <sub>2</sub> SiO <sub>4</sub> :Mn Phosphor	Invited Speaker

## The Maharaja Sayajirao University of Baroda

4.	Pratap, A.	Winter School on Nanotechnology at LDRP Institute of Technology & Research, Gandhinagar on January 29, 2008	Novel Methods of Synthesis and Characterization of Nanostructured Materials	Invited Speaker
		AICTE sponsored short term course on "Nanostructural materials: Research and development status at IITR, Roorkee, February 18-22, 2008	Size Dependent Properties at Nano-Scales	Resource person
<b>Department of Architecture</b>				
1.	Mehta, P.	One day workshop – December 6, 2007	Energy Conservation Building Code Awareness Sponsored By USAID, IRG & GEDA	Invited Speaker
<b>Department of Chemical Engineering</b>				
1.	Dabke, S.P.	Continuing Education programme (CEP) on "Advances in Distillation Principles & Practices" July 2-6, 2007, IIT Bombay	"VLE Experimentation"	Invited speaker
<b>Department of Computer Science and Engineering</b>				
1.	Jivani, A.G.	Extra Mural Lecture / Inter-University, Monthly lecture series at IETE, Vadodara	Relational Database Management System "Bioinformatics"	Guest Speaker
2.	Padole, M.C	State level seminar on "Current Trends on Development of Bioinformatics at Gujarat level. May 13, 2008, MSU, Baroda	"Distributed Computing in Bioinformatics using Bio-Projects"	Guest Speaker
<b>Department of English</b>				
1.	Jain, C.	A Training Workshop for teachers, New Era Senior Secondary School, Vadodara, 2 to April 4, 2007	"Public Speaking"	Resource Person
		A series of Training Workshops for teachers, New Era Senior Secondary School, Vadodara, July to September 2007	"Effective Communication Strategies"	Resource Person
		A series of workshops for teachers, Baroda High School, Vadodara	"Teaching Communicative English"	Resource Person
		A training Workshop for teachers of various schools in and around Vadodara organized by New Era Balwadi, Vadodara, August 11, 2007	"Teaching Phonetics to Young Learners"	Resource Person
<b>Department of Mechanical Engineering</b>				
1.	Choksi, H.S	Short Term Training Programme organized by National Institute	Application of Fluid Mechanics In Chemical & Allied Industries of Technical Teacher's Training & Research, Chandigarh	Member of Discussion Panel
2.	Prabhakaran, P.	One day Seminar on 'Alternative Sources of Energy' organized by BVM College of Engg., V. V. Nagar on January 11, 2008	Advances In Solar Thermal Applications	Extra Mural Lecture

- |    |               |   |                              |                 |
|----|---------------|---|------------------------------|-----------------|
| 3. | Qureshi, M.N. | Analytical Skill Development Programme for Executives of M.P.S.B. conducted by IIT Roorkee, Roorkee, Group I&II, December 10-12, 2007 | Analytical Skill Development | Invited Speaker |
|----|---------------|---|------------------------------|-----------------|

**Department of Metallurgical and Materials Engineering**

- |    |                |  |   |                           |
|----|----------------|--|---|---------------------------|
| 1. | Joshi, P.B.    | Workshop on Synthesis and characterization of Nanostructured Materials organized by Applied Physics Dept., M.S. University of Baroda on March 30, 2008                 | Trends In Processing of Bulk Nanostructured Materials                           | Invited Speaker           |
|    |                | Three days training programme at Torrent Power Ltd., Ahmedabad organized by TCR Advanced Engg. Co., Baroda on September 20-22, 2007                                    | Role of Advanced Techniques of Material Characterisation in Thermal Power Plant | Invited Speaker           |
|    |                | One-day Workshop on 'Metallography for Engineers' organized by Metallography Society and TCR Institute of Materials Technology, Navi Mumbai at Mumbai on June 16, 2007 | Basics of Metallurgy for Metallography and Microstructural Examination          | Invited Speaker           |
|    |                | 2 <sup>nd</sup> National Convention on Seamless Engineering organized by Engineering Council of India at Baroda on May 31, 2007  | Professional Recognition of Engineers In India – a Challenge                    | Invited Speaker           |
| 2. | Soman, S.N.    | Welding Inspector Course, at GETRI, Gotri, Baroda organized by IIW, Baroda Chapter, January 27, 2008   | Weldability of Steels (2 Lectures)  | Invited Speaker           |
| 3. | Sundaresan, S. | Pre-Conference Tutorials Chennai, January 2008   | Welding Processes – An Overview   | Invited Speaker / Faculty |
|    |                |  | Welding of Non - Ferrous Alloys   | Invited Speaker / Faculty |

**Department of Pharmacy**

- |    |                |   |  |                 |
|----|----------------|---|--|-----------------|
| 1. | Balaraman, R., | Conference of Indian Pharmacological Society, Chandigarh, November 1-3, 2007                        | Pharmacokinetics Principles in Formulation | Guest Speaker   |
| 2  | Misra, A.N.    | National Symposium on 'Recent Trends in Pharmaceutical Sciences Nathdwara, Gujarat, January 9, 2008 | Carrier Mediated Drug Delivery             | Invited Speaker |
|    |                | 9 <sup>th</sup> IPC, Varanasi, December 20-23, 2007   | Presentations by the Centres               | Chairperson     |
|    |                | TIFAC Core Meet, Manipal, October 24-26, 2007   | Carrier Mediated Drug Delivery             | Coordinator     |
|    |                | Engineer's Annual day Function, October 6, 2007   | Drug Interactions                          | Invited Speaker |

	Invited talk, organized by State Pharmacy Council, Sigma Institute of Technology, April 10, 2007	Prospects in Research in India and Abroad	Invited Speaker	
	Orientation of Pharmacy students of all colleges of Baroda	Know Your Pharmacist : for Right Use of Medicines	Resource person	
	Exhibition for students and public Chemistry at U G Level	Teaching of Medicinal	Organizer	
3.	Yadav. M.R.	PCI sponsored of state level orientation programme for pharmacy teachers at Shri sarvajanik pharmacy college , Mehsana February 1-2, 2008	Pharmacokinetics Principles in Formulation	Resource person
4.	Murthy, R.S.R.	Invited Lectures at Anand college of Pharmacy, Anand	Pharmacokinetics and Formulation Design	Resource person
	Lecture series at Parul College	Nanotechnology Medicine	Resource person	
	Invited talk at Sigma institute of Pharmacy, Vadodara	Nanotechnology in Cancer	Resource person	
	59 <sup>th</sup> IPCA, Varanasi, December 20-22, 2007	Proteins and Peptide Delivery	Resource person	
	"National conference on Recent trends in Pharmaceutical sciences" Srinathji Institute of Pharmacy at Nathadwara, Rajasthan, India, January 7-8, 2008	Proteins and Peptide Delivery	Resource person	
	International symposium on Nanotechnology, Kolkatta	Nanoparticles in Cancer Therapy	Resource person	
	AICTE winter school, S.K.Patel College of Pharmacy, Kerva, Mehsana	Liposome as Carrier for Topical Delivery	Resource person	
	AICTE winter school, Poona College of Pharmacy, Pune February 3-16, 2008.	Tumor Targeting, Challenges, Strategies and Methods	Resource person	
	Jawaharlal Nehru Cancer Hospital and Research Centre, Bhopal	Nanoparticles and Cancer Research	Resource person	
5.	Sawant, K.K.	Anand Pharmacy College – M Pharm ( Pharmaceuticals) Extra Mural guest lecture, October 23, 2007	Biodegradable Polymers	Speaker/ Expert Faculty
<b>Department of Textile Engineering</b>				
1.	Mankodi, H.R.	Half-day seminar organized by Textile Association of India (TAI), Baroda Unit	Hybrid Yarns for Thermoplastic Composite	Invited Speaker

7. CONTRIBUTION IN CONDUCTING PROFESSIONAL/ACADEMIC PROGRAMMES

Sr.No.	Name	Programme(s), Place and Date(s)	Participated as
<b>Department of Applied Chemistry</b>			
1	Dave, J.S.	V <sup>th</sup> All Gujarat Research Scholar's Meet (V-AGRSM) Applied Chemistry Deptt., Faculty of Tech. & Engg., The M. S. University of Baroda, February- 17, 2008	Member, Organizing Committee
2	Deota, P.T.	"Resource generation Comp, Homi Bhabha Center for Science Education, TIFR, Mumbai, October 1- 7, 2007	Resource person
3	Prajapati, A.K	V <sup>th</sup> All Gujarat Research Scholars Meet (V-AGRSM), Applied Chemistry Deptt., Faculty of Tech. & Engg., M. S. University of Baroda, Vadodara on February 17, 2008	Member, Organizing Committee
<b>Department of Applied Mathematics</b>			
1	Vakaskar, D.C.	5 <sup>th</sup> Mathematics in Industry Study Group meeting South Africa, Witwaterstraud University, Johannesburg, South Africa, January 27, 2008 to February 2, 2008	Foreign Expert and Chaired session of invited talk
<b>Department of Applied Mechanics &amp; Str. Engg</b>			
1	Patodi, S.C.	Training Programme for L & T Employees on "Strength of Materials", Faculty of Tech. & Engg., Baroda, March 21, 2007 to April 28, 2007 National Conference on Current Trades in Technology, Ahmedabad, November 30, 2007	Prgramme Coordinator Chairman of Technical Sessions
<b>Department of Applied Physics</b>			
1.	Pratap, A.	One day workshop on "Synthesis and characterization of nano-structured materials (SCNM-08) organized by Applied Physics Department, Faculty of Technology & Engg., The M. S. University of Baroda, Vadodara, March 30, 2008 School on Luminescence, National Physical Laboratory, New Delhi, December 2, 2008	Convener, Organizing Committee. Invited Speaker
2.	Murthy, K.V.R.	III <sup>rd</sup> International Conference on Luminescence and its Applications, National Physical Laboratory, New Delhi, February 13-16, 2008 National Conference on Advanced Materials, Devices and Technologis, Department of Physics, S.V. University, Tirupati, February 20-22, 2008	Secretary, Technical Committee, Member National Organizing Committee Member, National Organizing committee
<b>Department of Architecture</b>			
1.	Navangul, A.G.	Interior Design Course in Centre for Continuing Adult Education of The M.S.University of Baroda, Vadodara	Director
2.	Vasudeva, B.	Hands on workshop on energy efficient sustainable built environment at Department of Architecture, Vadodara on February 7-8-9, 2008	Co-ordinator

# The Maharaja Sayajirao University of Baroda

## Department of Chemical Engineering

- |    |              |   |         |
|----|--------------|---|---------|
| 1. | Sengupta, R. | Workshop on 'Chemical Petrochemical & Pharmaceutical Sectors' Industries Commissionarate Govt. of Gujarat Ahmedabad July 27, 2007 | Invitee |
|----|--------------|---|---------|

## Department of Civil Engineering

- |    |                           |  |               |
|----|---------------------------|--|---------------|
| 1. | Ajmeri, P.S.              | Extra Mural Lecture on Manufacturing process of Ply Wood & other products February 22, 2008  | Co-ordinator  |
| 2. | Patel, A.S.,              | Recent Trends in Road work (RTRW – 2008), Civil Engg. Dept., The M. S. University of Baroda, February 3, 2008  | Director      |
| 3. | Shah, A.R.,<br>Shah, N.G. | One day state level seminar on "Bio Medical Waste Management – Environmental Issues". (BMW2008), organized by Civil Engg. Dept., Fac. of Tech. & Engg., The M. S. University Baroda, jointly with Indian Environmental Association (IEA), Vadodara centre, January 6, 2008 | Co-ordinators |

## Department of Electrical Engineering

- |   |             |   |                |
|---|-------------|---|----------------|
| 1 | Patel, S.M. | One day seminar on "Embedded System – A brief run down learn tomorrows Technology Today" Lecture delivered by Mr. Jagdish Sanghani, UK, at Electrical Engg. Deptt. Fac. of Tech. & Engg., The M. S. University of Baroda, Vadodara, January 7, 2008 | Co-coordinator |
|---|-------------|---|----------------|

## Department of English

- |   |          |  |                |
|---|----------|--|----------------|
| 1 | Jain, C. | UGC National Seminar on "Challenges in the Teaching of English", Department of English, The M.S. University of Baroda, January 21-22, 2008 | Co-coordinator |
|---|----------|--|----------------|

## Department of Mechanical Engineering

- |   |                 |  |                    |
|---|-----------------|--|--------------------|
| 1 | Karhadkar, G.D. | Committee "For Improvement of I.T.I." on continuous basis for 5 years starting January 23, 2008  | Government Nominee |
| 2 | Prabhakaran, P. | "Recognition of In-House R & D Unit at M/s Banco Products (India) Ltd., Baroda" constituted a committee by Dept. of Scientific & Industrial Research, GOI, New Delhi, visit on June 12, 2007 | Expert Member      |
|   |                 | 'Committee to visit institutions for Physical Verification of Facilities for granting Approval of courses/programmes constituted by DTE, Gujarat State, June 08, 2007                        | Expert Member      |
|   |                 | AICTE – NBA Accreditation Visit to Sree Chitra Tirunal College of Engg., Trivandrum to accreditate B. Tech (Mech), December 07-09, 2007  | Expert Member      |
|   |                 | Selection Committee to select Engineer (Mech) at ERDA, Baroda, December 05, 2007   | Expert Member      |

### Department of Metallurgical and Materials Engg

1	Chauhan, B.J.	Materials Camp for school students, Met. & Mats. Engg. Dept. jointly organized by American Society for Metals, April 23-27, 2007	Faculty Member
2	Dutta, S.K.	Materials Camp for school students, Met. & Mats. Engg. Dept. jointly organized by American Society for Metals, April 23-27, 2007	Faculty Member
3	Joshi, P.B.	Materials Camp for school students, Met. & Mats. Engg. Dept. jointly organized by American Society for Metals, April 23-27, 2007	Faculty Member
4	Kahar, S.D.	National Seminar & Exhibition on Non-destructive Evaluation organized by ISNT, Vadodara & Ahmedabad Chapter from November 28-30, 2007	Member, Technical Committee
5	Khurana, S.C.	NMD and ATM on May 13-16, 2007	Co-organizer IIM, Baroda Chapter, Baroda
6	Lele, A.B.	Materials Camp for school students, Met. & Mats. Engg. Dept. jointly organized by American Society for Metals, April 23-27, 2007	Faculty Member
7	Lodhari, D.R.	One evening lecture meeting on 'Introduction to Foundry Cluster Formation' organised by IIF, Vadodara Chapter, December 17, 2007	Organiser
8	Mathane, V.V.	Materials Camp for school students, Met. & Mats. Engg. Dept. jointly organized by American Society for Metals, April 23-27, 2007	Faculty Member
9	Pai, K.B.	Journal of MFAI, Mumbai	Member, Editorial Board
		Indian Institute of Metals, Kolkata	Member, National Council
		Materials Camp for school students, Met. & Mats. Engg. Dept. jointly organized by American Society for Metals, April 23-27, 2007	Coordinator
		National Seminar & Exhibition on Non-destructive Evaluation organized by ISNT, Vadodara & Ahmedabad Chapter from November 28-30, 2007	Chairman, Technical Committee

## The Maharaja Sayajirao University of Baroda

10	Patel, M.N.	Materials Camp for school students, Met. & Mats. Engg. Dept. jointly organized by American Society for Metals, April 23-27, 2007	Faculty Member
11	Parmar, K.H.	Materials Camp for school students, Met. & Mats. Engg. Dept. jointly organized by American Society for Metals, April 23-27, 2007	Faculty Member
12	Rao, V.J.	Materials Camp for school students, Met. & Mats. Engg. Dept. jointly organized by American Society for Metals, April 23-27, 2007	Faculty Member
13	Rehani, B.R.	Materials Camp for school students, Met. & Mats. Engg. Dept. jointly organized by American Society for Metals, April 23-27, 2007	Faculty Member
14	Soman, S.N.	Materials Camp for 12 <sup>th</sup> Std. student on Foundry Welding Lab, April 2007	Faculty Member

### Department of Pharmacy

1	Misra, A.N.	National Pharmacy Week-2007 "Know Your Pharmacist : For right Use of Medicines", December 9-15, 2007	Organizer
		A lecture Was Delivered by Dr. Viren Mehta, Founder and Managing Partner, LLC, USA, on "Future Direction for Pharmaceutical Research and Regulatory Affairs " on September 28, 2007	Organizer
2	Murthy, R.S.R.	National Pharmacy Week, November, 2007	Member, Executive Body

### 8. PARTICIPATION IN ACADEMIC BODIES OF OTHER UNIVERSITIES

Sr. No.	Name(s)	Academic body of Universities/ Institution and Place	Participated as
<b>Department of Applied Chemistry</b>			
1	Dave, J.S.	Selection Committee for Ph.D research scholars in Org. Chemistry, Deptt. of Chemistry, Veer Narmad South Gujarat University, Surat	Vice-Chancellor's Nominee
2	Murthy, C.N.	Ph.D. Selection Committee , Bhavnagar University, Bhavnagar	Expert Member
<b>Department of Applied Mathematics</b>			
1	Patel, D.P.	Board of Studies , VNSGU, Surat	Member
<b>Department of Applied Mechanics &amp; Str. Engg</b>			
1	Biyani, K. R.	Board of Studies, Vikram University, Ujjain	Member

## Faculty of Technology and Engineering

### Department of Chemical Engineering

1	Sengupta, B.	Board of Students , SVNIT, Surat Saurashtra University, Rajkot.	Member
2	Sengupta, R.	Board of studies in Chemical Engineering Veer Narmad South Gujarat University, Surat	Member.
		Board of studies in Chemical Engineering, Gujarat University, Ahmedabad.	Member

### Department of Civil Engineering

1	Patel, A.S.	Selection committee for Asstt. Professor & Lecturers for South Gujarat University for Pathawala College Gujarat and Vidha Bharti College at Baroda	Vice Chancellor's Nominee
---	-------------	--	---------------------------

### Department of Computer Science and Engineering

1	Bhavsar, P.R.	Board of Studies, Gujarat University, Amedabad	Member
---	---------------	--	--------

### Department of Mechanical Engineering

1.	Karhadkar, G.D.	International Conference on "Advanced Manufacturing Technology" organized by Central Mechanical Engineering Research Institute (CMERI), Durgapur, November 29-30, 2007	Expert Member
----	-----------------	--	---------------

### Department of Metallurgical and Materials Engineering

1.	Pai, K. B.	Academic Council, Ganapat Univesity, Mehsana	Member
----	------------	--	--------

### Department of Pharmacy

1.	Balaraman, R.	Board of Studies, L.M. College of Pharmacy, Ahmedabad	Member
		Board of Studies, Institute of Pharmacy, Ahmedabad	Member
2.	Misra, A.N.	Research Degree Committee, Dr. Hari Singh Gour Vishvavidyalaya, Sagar	Vice-Chancellor's Nominee
		Board of Pharmacy Studies, North Maharashtra University, Jalagaon	External member
		All India Board of Pharmacy Education, AICTE, New Delhi	Member
3.	Yadav, M.R	Board of Studies in Pharmacy, NMIMS, Mumbai	Member
4.	Mishra, S.H.	Board of Studies in Pharmacy,	Member
5.	Rajput, S.J.	Research progress committee, Nirma University of Science and Technology	Expert member

### Department of Textile Engineering

1.	Bangalore V.A.	Selection Panel for Teachers of SVIT, Indore, Rajiv Gandhi Technical University, M.P.	Expert Member
2.	Patel P.C.	Board of Studies and Research Recognition Committee, Sant Gadge Baba Amaravati University	Expert Member

# The Maharaja Sayajirao University of Baroda

## 9. PERFORMANCE BY INDIVIDUAL/ GROUP

Sr. No.	Name(s)	Place and Date (s)	Nature of Performance
<b>Department of Applied Chemistry</b>			
1	Murthy, C.N.	Awarded the INSA visiting fellowship under exchange program to visit South Korea for three months	Awardee
<b>Department of Applied Physics</b>			
1	Lad, K.N.	Visiting Scientist programme at Centre for Computational Materials Science, Jawaharlal Nehru Centre for Advanced Scientific Research, Bangalore	Visiting Scientist
<b>Department of Electrical Engineering</b>			
1	Patel, S.M.	A national level Technical Fiesta, "AAHVAN" 08, Organized by Babaria Institute of Technology, Vadodara, during March 7-8, 2008,	Judge
<b>Department of Metallurgical and Materials Engineering</b>			
1	Dutta, S.K.	45 <sup>th</sup> NMD & 61 <sup>st</sup> ATM of IIM, Mumbai on November 14-16, 2007 (Co-conveners of Iron & Steel-II at ATM of IIM)	Co-Convener

## 10. STATE / NATIONAL / INTERNATIONAL AWARDS AND DISTINCTION OF ACADEMIC NATURE

Sr. No.	Name (s) of Recipient (s)	Description of the Award	Contribution made by the Recipient
<b>Department of Applied Chemistry</b>			
1	Murthy, C.N.	INSA Visiting fellowship to South Korea	Academic Contribution
<b>Department of Applied Physics</b>			
1	Murthy, K.V.R.	Fellow of Luminescence Society of India (FLSI), February 2008	Contribution to the Luminescence Research in India and to the Luminescence Society of India
2	Anand, A.	BOYSCAST Fellowship	Research in the field of advanced digital imaging techniques
3	Pratap, A.	Netzsch-ITAS 2008 Award including a citation and cash Award of Rs. 10,000/- jointly sponsored by NETZSCH GATEBAU GmbH, Germany and Indian Thermal Analysis Society (ITAS), Mumbai conferred on February 04, 2008 during 16 <sup>th</sup> DAE-BRNS National Symposium and Workshop on Thermal Analysis (THERMANS-08) at IGCAR, Kalpakkam	Award for outstanding contribution in the field of THERMAL ANALYSIS
<b>Department of Civil Engineering</b>			
1	Patel, A.S.	Best Engineering college teacher award for Gujarat State 2007 given by ISTE, Delhi	In recognition of outstanding contribution to the academic community and students

### Department of Computer Science and Engineering

1	Jivani, A.G.	2nd Prize in paper Presentation	Co-Author for the paper – An Approach Towards The SNN Clustering Algorithm
---	--------------	---------------------------------	--

### Department of Electrical Engineering

1	Deshpande, A.S.	Best paper in session at the National Conference on Energy, Economy & Environment, 2008	Calculation of Transmission losses by various Methods and use of Fact Device SVC & TCSC for loss reduction
---	-----------------	---	--

### Department of Metallurgical and Materials Engineering

1	Raval, S.R.	Indian Institute of Metals Kishor Kumar Award for selfless and meritorious contribution towards Academics, Research & Development in Metallurgical field in the state of Gujarat	Published papers in National + International Journals and Proceedings. Tech. Lectures in large numbers. Innovation in S.G. Iron making, Molding, Heat Treatment, pellet making Innovation in Lab. & Syllabi of Department
---	-------------	--	---

### Department of Pharmacy

1	Balaraman, R. Majithiya, B.	P.P.Suryakumari award for the year 2007 presented at the annual Conference of Indian Pharmacological Society held at Chandigarh, November 1-3, 2007	Best Research Paper published in Diabetes-Life Sciences, 78. P 2613
2	Sawant, K.K.	Pursuing research by Mission Reach, TIFAC, DST, New Delhi of North Eastern University, Boston, USA  Top Reviewer in 2007 for International Journal of Pharmaceutics Elsevier Publication	Post Doctoral Fellowship  Exceptional Contribution to the Quality of Int. Jr. of Pharmaceutics

### WREMI

1	Shelat, R.B., Shete, D.T.	Best Poster Presentation Award at International Symposium on, "Agrometeorology and Food Security (INSAFS)". Organized by: Association of Agrometeorologists, Anand and Central Research Institute for Dryland Agriculture, Hyderabad. Poster: "Probability Distribution Analysis of Consecutive Days Rainfall Data for Patan District of Gujarat, India"	Academic Excellence
---	------------------------------	--	---------------------

## 11. IMPORTANT EVENTS/ACTIVITIES OF THE FACULTY

Description of the Event	Date, Time and Place
<b>Department of Applied Physics</b>	
The Seventh DAE-BRNS National Laser Symposium (NLS-7) In Collaboration With Indian Laser Association (ILA)	December 17-20 2007, Applied Physics Department, Faculty of Technology & Engg, The M.S. University of Baroda, Vadodara
One day workshop on 'Synthesis and Characterization of Nano-structured Materials (SCNM-08)'	March 30, 2008, Applied Physics Department, Faculty of Technology & Engg, The M.S. University of Baroda, Vadodara

## Department of Civil Engineering

One day State Level Seminar on "Bio Medical Waste Management – Environmental Issues". (BMW2008).

January 6, 2008, Civil Engg. Dept., Faculty of Technology & Engg, The M.S. University of Baroda, Vadodara, jointly with Indian Environmental Association (IEA), Vadodara centre.

One Day State Level Seminar on 'Recent Trends in Road Work (RTRW – 2008)'

February 3, 2008 Auditorium of Chemical Engg. Dept., Faculty of Technology & Engg, The M.S. University of Baroda, Vadodara

## Department of Metallurgical and Materials Engineering

Materials Camp for students of Higher Secondary School sponsored by ASM International, Gujarat Chapter and M.S. University of Baroda

April 23-27, 2007, Metallurgical and Materials Engineering Dept., Faculty of Technology & Engg, The M.S. University of Baroda, Vadodara

Materials Camp for students of Higher secondary School sponsored by ASM International, Gujarat Chapter and M.S. University of Baroda

April 28, 2008 to May 2, 2008 Metallurgical and Materials Engineering Dept., Faculty of Technology & Engg., The M.S. University of Baroda, Vadodara

## Department of Pharmacy

Exhibition on theme of " Know your Pharmacist - right use of Medicine" for students, public and dignitaries

December 15, 2008, G H Patel Pharmacy Building, The M.S. University of Baroda, Vadodara

## 12. NEW COURSES INTRODUCED/APPROVED

### Department of Metallurgical and Materials Engineering

Nanomaterials & Techniques of Nano synthesis as Compulsory subject at M.E. Part-I (Materials Tech.) and as Elective at M.E. Part-I (Ind. Met.) & F.S. B.E. IV (Met. & Mats.)

## 13. ADDITIONAL FACILITIES CREATED IN TERMS OF

### (A) New Equipment

#### Applied Chemistry

- Top Loading Balance
- pH Meter
- COD
- RotaVapour
- UV-Visible Spectrophotometer
- Multi Media Projector
- Computer
- Lap Top

#### Applied Mathematics

- LCD Projectors
- Computers
- Printers

#### Applied Mechanics & Structural Engineering

- Concrete mixer,
- Seal kit for MTS machine,
- Electronic weighing machine,
- Digital micrometers,
- Digital micro-meters,
- Hand operated
- Hydraulic jack.

**Architecture**

- LCD projector

**Chemical Engineering**

- Particle Size Analyzer

**Computer Science and Engineering**

- Computers
- Digital Light Projector

**Mechanical Engineering**

- CNC Vertical Machining Center

**Metallurgical and Materials Engineering**

- Planetary Ball Mill,
- Vacuum attachment to sintering furnace,
- Vacuum attachment to induction melting furnace,
- Copper Target of X-ray diffractometer

**Pharmacy**

- PICO meter,
- Quartz Double distillation Assembly,
- Micro controlled based stability Test chamber,
- Laptop,
- Token library for phase maotomodel,
- Computers,
- Refrigerated Cryostate Bath,
- LCD projector,
- Electronic Balance,
- Primostar Cral zeiss Binocular Microscope,
- Olympus Magnus Image USB port,
- Short path distillation apparatus,
- Cold bath ciruculator
- Quartz distillation assembly
- Rotal shieve shaker
- Autoclave
- Incubator

**Textile Chemistry**

- Water-baths
- Shaker-baths
- Computers
- LCD Projector

**Textile Engineering**

- Nephelometer (Turbidity Meter)

**(B) New Laboratories / Seminar Rooms / Teaching Aids**

**Applied Mathematics**

- A New Computer Laboratory is been constructed

**Architecture**

- One Computer Laboratory with furniture

**Computer Science and Engineering**

- Hardware Lab

**Metallurgical and Materials Engineering**

- Renovation of the existing seminar room and a conference room

**Pharmacy**

- One floor at "Center Of Post Graduate Studies And Research "having four laboratories and one seminar hall was initiated with funding of UGC

**14. DISTINGUISHED VISITORS AT DEPARTMENTS/FACULTY**

Sr. No.	Name with Full address	Designation	Date(s) of Visit	Purpose
<b>Department of Metallurgical and Materials Engineering</b>				
	Dr. Banerjee S. Director of BARC & Senior Vice President of IIM, Calcutta	Director	13-05-07	Interaction with the students of the department

**15. New Programmes for Community Outreach at Department/Faculty**

**Department of Pharmacy:**

National Pharmacy Week was celebrated on December 9, 2007 to December 15, 2008 and various programmes addressing theme " Know Your Pharmacist - Right use of Medicine" through organizing lectures , street shows, plays, quiz in and around Baroda

**WREMI**

WREMI is appointed as Institutional Evaluator by Council for Advancement of People's Action and Rural Technology, Ministry of Rural Development, Govt. of India. Work evaluated by WREMI is: Evaluation of CAPART projects in Gujarat and Concurrent monitoring of CAPART funded projects in Maharashtra.

**16. ACHIEVEMENTS/HONOURS/AWARDS**

**(A) Teaching Staff**

Name	State/National/International	Nature of Achievement
<b>Department of Applied Physics</b>		
Pratap, A.	National	Netzsch-ITAS 2008 Award including a citation and cash Award of Rs. 10,000/- jointly sponsored by NETZSCH GATEBAU GmbH, Germany and Indian Thermal Analysis Society (ITAS), Mumbai conferred on Feb. 04, 2008 during 16 <sup>th</sup> DAE-BRNS National Symposium and Workshop on Thermal Analysis (THERMANS-08) at IGCAR, Kalpakkam. Award for outstanding contribution in the field of THERMAL ANALYSIS.
<b>Department of Civil Engineering</b>		
Patel, A.S.	State	'Best Engineering College Teacher award for Gujarat State 2007' given by ISTE, Delhi, in recognition of his outstanding contribution to the academic community and the student.
Patel, H.M.	National	AIR India National Runners Up 'Broad Outlook Learner Teacher (BOLT) Award' presented by President Dr. A. P. J. Abdul Kalam on July 18, 2007 at Vigyanbhavan, New Delhi.

## The Maharaja Sayajirao University of Baroda

2.	Mr. Ramesh Mehta	Retired G.M.	Oct 2007	Lectures in Banking and Business Finance
3.	Mr. Ashokkumar D. Chanpura Principal, Bright School, Vadodara	Senior Manager (Advertising & Public Relations) Editor (KJ)	Oct 2007	Lectures in Financial Management and Marketing Managemnet
4.	Mrs. Sushma Patel		Sep 2007	Lecture and Demonstration on Songs and Stories
5.	Mrs. Sandhya Shroff	Coordinator	Oct 2007	Lecture on NGO
6.	Mrs. Devika Vanker Ashok Raje Gaekwad School	Teacher	Sep 2007	Lecture on Puppets
7.	Mrs. Ansuya Dhaibar Ashok Raje Gaekwad School	Teacher	Sep 2007	Demonstration on Puppets

## 20C. Computer Centre

The Computer Centre of The M .S. University of Baroda was established way back in 1979. In its early days, the computer center was a data processing center & major data processing jobs were executed for the major corporate houses in Vadodara like ONGC, Alembic Chemicals, IPCL etc. The Payroll System of the M S University of Baroda was computerized as early as in 1981-82. Subsequently, the Examination Result Processing System was also developed, which is still in use. The Computer Centre has been the hub of the computer related activities of the University since its inception.

The report year 2007-2008 was full of modifications & software updations for the Computer Center. Apart from now usual online interaction programme of Faculty of Journalism & Mass Communications and the Indo-US Edusat program, new online interaction was successfully organized for the students of Post Graduate Diploma in Cyber Law, Faculty of Law, with their experts, during the year.

Our University became a part of the INDO-US Edusat Programme of Govt. of INDIA in 2005-06. Under this programme, the Govt. of INDIA has tied up with many Universities in the USA with an arrangement for professors from these Universities to come to India and deliver full-semester courses via satellite for students of the partner institutions in India. Under this programme, a full set of equipments including a satellite dish and projection equipment were donated by the Indian Space Research Organization (ISRO) and Bharat Electronics (BEL) and a class room was setup at the Computer Center. With these equipment, a direct link was established with the Amrita Vishwa Vidhyapeetham, Coimbatore which is broadcasting center for the lectures.

The Surfand Cyber Café facility at the Computer Centre has continued to provide various Internet and Computer related services to the University community. The bandwidth of 3 MBPS is available for University through Technology Promotion Trust (TPT) for the network. An internet bandwidth of 512 kbps is provided via satellite by the UGC-Infonet project through ERNET and Inflibnet organizations. Though a marginal reduction has been noted in the common users for internet browsing, Surfand remains a favorite haunt for University fraternity of all ages for accessing e-resources.

Our University network has access to the electronic journals both from the UGC-InfoNet program and the Indest Consortium of AICTE. Due to the state-of-the-art computer network of the University, these priceless electronic resources including hundreds of Electronic Journals of the highest quality are accessible from every computer connected to our network. The University community has been utilizing the bandwidth provided and the electronic journals accessible to the fullest possible extent. The INFLIBNET as well as Indest organizations have been highly appreciative of this effective utilization. ERNET has now also agreed, in principle, to enhance the bandwidth of the VSAT to 2 MBPS.

The Surfand Cyber café continues as a self sufficient and self sustaining establishment with all the new facilities added being supported from the continuing income. It continues to remain popular as a facility open from 7 A.M. to 10 P.M. and is particularly convenient to the hostel students. The staff of Surfand also participates in the training programs conducted by the Computer Center.

Keeping in view the increasing need of computer literacy in education, the Computer Centre has started a Computer Basics, Office Automation and Internet course, on a self-financed basis, mainly for the students and staff of the university. Under this

## 20A. All India & Central Services Training Centre

1. Total 103 students were registered for the Entrance Test held on 5th August, 2007, for 2007-08 batch. Out of these 93 appeared for the test. After taking personality test 47 were selected. The classes started in Sept., 2008.
2. Training programme for Main Examination commenced from October, 2007.
3. The UPSC Preliminary Examination for the year 2006-2007, was held in May 2007. 5 students were successful and appeared for Main Examination held in October, 2007. Out of them 03 students qualified and all were called for Interview.
4. The Centre organized an Orientation Programme to generate awareness regarding 2007-08 U.P.S.C. Examination. Centre also organised Group Discussions, Seminars, Presentations and related Discussions for trainees.
5. The Centre organised two Mock Tests in General Studies & Optional Subjects for the trainees.
6. G.P.S.C. Class I & II Main Examination was held on May, 2007. In all, 35 trainees appeared for the examination whose results are awaited.

## 20B. Centre for Continuing/Adult Education and Community Services

### 1. INTRODUCTION

The Centre for Continuing/Adult Education and Community Services was established in the year 1971-72 with an objective to cater to the felt needs of the society with the resources available in the University and from the Community.

The Centre offers Long-Term and Short-Term course in various fields ranging from One Week to One Year duration. All the courses are part time courses of self finance nature. The Courses offered are designed on the needs of the youth to enhance their skills and performance levels in the job market.

The courses offered add to the qualifications and employability of the University youth in particular. The Centre offers life long education to the students of regular University course and the Community at large.

### 11. IMPORTANT EVENTS/ACTIVITIES OF THE FACULTY/UNIT

Description of the Event	Date, Time & Place
1. Early Childhood Care and Education/ Training Day Care Personnel A two days workshop was conducted on "Puppets, Songs, Stories and Activities for Children" and Teaching Aids	01 and 02 September 2007 Tarabaug, Polytechnic Campus

### 12. NEW COURSES INTRODUCED / APPROVED

The following Six(6) Long Term Courses were introduced and approved:

1. Retail Management
2. Insurance and Fund Management
3. Fitness Management
4. Nutrition and Health
5. Food Safety and Hygiene
6. Event Management

### 14. DISTINGUISHED VISITORS AT DEPARTMENTS / FACULTY

S.No.	Name with Full Address	Designation	Date(s) of Visit	Purpose
1.	Dr. P. K. Khanna	Retired G.M.	Oct 2007	Lectures in Banking and Business Finance

# The Maharaja Sayajirao University of Baroda

## Department of Petrochemical Technology

Industrial Visit

GACL, Vadodara on 30/08/2007 at 9:00 a.m. to 12:00 p.m.  
Baroda Dairy, Vadodara on 24/09/2007 at 11:00a.m.  
Nirma Limited, Savli, Vadodara on 27/09/2007  
at 9:00 a.m. to 04:00 p.m.  
GNFC, Bharuch on 28/09/2007 at 09:30 a.m.  
Sure Safety, Vadodara on 14/02/2008 at 10:15 a.m.

## 12. NEW COURSES INTRODUCED/APPROVED

### Department of Applied Mathematics

Prepared and implemented the Scheme and syllabus for X<sup>th</sup> passed Diploma (I.T.) students for three semesters.

## 13. ADDITIONAL FACILITIES CREATED IN TERMS OF

### (A) NEW EQUIPMENT

#### Department of Civil Engineering

- Hydromat Instrument
- Pan Evaporimeter
- Soil Extractor cum Comparator
- Metallurgical Instruments placed in the new developed garden near canteen

#### Department of Electrical Engineering

- Microwave test Bench to conduct 10 Different Experiments
- Various kits for Experiments in B.E. Lab, Communication Engg. Lab, IE&C Lab, Instrumentation and Control Lab etc

### (B) NEW LABORATORIES / SEMINAR ROOMS / CONFERENCE ROOMS

#### Department of Civil Engineering

- Environment Engineering Laboratory
- Highway Engineering Laboratory

#### Department of Electrical Engineering

- Microwave Communication Laboratory

## 16. ACHIEVEMENTS/HONOURS/AWARDS

### (A) TEACHING STAFF

Sr.No.	Name	State/National/International	Nature of Achievement
<b>Department of Mechanical Engineering</b>			
1.	Vohra, F.R.	State Level	Best M.E. Dissertation Thesis, ISTE Gujarat section 2007-08

### (C) STUDENTS

Sr.No.	Name	State/National/International	Nature of Achievement
<b>Department of Electrical Engineering</b>			
1.	Pandit Kaushtubh	Chapter Award	Best Student from Chapter

2. Guruji, A. L., Shrimali, N. J., Patel A. S. Face 2008 - A Civil Engineering Event by Department of Civil Engineering, TKM College of Engineering, Kollam, Kerala, February 21-23, 2008
- Ground Water Fluctuations in Machhan River Basin

#### 6. TALKS OF ACADEMIC NATURE IN PROFESSIONAL PROGRAMMES

Sr. No.	Name (s)	Nature of Professional Programmes	Title	Participated as
<b>Department of Civil Engineering</b>				
1	Bhatti G. H.	Lectures at Baroda High School for Youth organized by Vivekananda Kendra	Universal Brotherhood	Resource Person

#### 7. CONTRIBUTION IN CONDUCTING PROFESSIONAL / ACADEMIC PROGRAMMES

Sr. No.	Name (S)	Programme (s), Place and Date (s)	Participated as
<b>Department of English</b>			
1.	Moghe, R.A.	UGC-DRS National Seminar on "Challenges in the Teaching of English", Dept. of English, Faculty of Arts, The M. S. University of Baroda , January 21-22, 2008	Member - Organising Committee
<b>Department of Civil Engineering</b>			
1.	Patel, M.M.	Community Polytechnic Programme	Project Officer
<b>Department of Mechanical Engineering</b>			
1.	Patel, J.T.	Recent Technological Development in Indian Railway, September 2007	Organising Co-ordinator

#### 10. STATE / NATIONAL / INTERNATIONAL AWARDS AND DISTINCTION OF ACADEMIC NATURE

Sr. No.	Name (s) of Recipient(s)	Description of Award	Contribution made by the Recipient
1.	Patel, D.S.	"Best Polytechnic Teacher amongst Polytechnics in Gujarat" given by ISTE, New Delhi	Academic Excellence

#### 11. IMPORTANT EVENTS / ACTIVITIES OF THE FACULTY / UNIT

Description of the Event	Date, Time & Place
<b>Department of Civil Engineering</b>	
Industrial Visit	Ataladara Sewage Treatment Plant on 20/08/2007 Pavagadh, Tachometry Survey for SYD Civil Engg. Students on 08/09/2007. Navagam Dam, Navagam on 06/10/2007 at 09:30 a.m. Karajan Dam, Rajpipla on 06/10/2007 at 03:30 p.m. Water Treatment Plant at Nimeta on 18/02/2008.

# The Maharaja Sayajirao University of Baroda

Every year approximately 250 students are enrolled for above courses. There is excellent scope for department-industry interaction and there has been continuous revision and upgrading of syllabus to meet the present day need and demand of industries.

This Department is having full fledged Thermal Engineering, Production Technology, Industrial Engineering, Hydraulics and CAD/CAM laboratory including Work-shop facilities.

## DEPARTMENT OF PETROCHEMICAL TECHNOLOGY

The Department of Petrochemical Technology (Chemical Engineering), which is academically a part of Chemical Engineering Department at Faculty of Technology & Engineering of the M.S. University of Baroda was established in the academic year 1969-70 under the Indo-USSR agreement.

The new building was ready in 1989. The Laboratory of Petroleum refining & four other chemical engineering laboratories were established in the year 1990.

The unique course is conducted with 45 intake capacity for the S.S.C. passed students.

The Three year Diploma in PCT course has been revised & implemented progressively from June 2003 and the first batch with revised syllabus has passed out in August 2005.

Each year industrial visits & Expert Lectures are arranged for final year students. Passed students have been employed with Essar, L&T, Reliance, Rubamin & some have joined Degree course in Chemical Engineering.

## 2. BOARD OF STUDIES

Sr. No.	Name of Board of Studies	Sr. No.	Name of Board of Studies
1.	Applied Mechanics	4.	Mechanical Engineering
2.	Civil Engineering	5.	Petrochemical Technology
3.	Electrical Engineering		

## 5. (A) PAPERS PRESENTED AT INTERNATIONAL SEMINARS / CONFERENCES

Sr. No.	Author(s)	Theme, Organizing Body, Place and Date of Seminar / Conference	Title of the Paper
<b>Department of Civil Engineering</b>			
1.	Patel, H.M., Bhatti, G. H.	International River Festival Narmada Samagra, Bandrabhan, Hoshangabad, M.P, February 23-25, 2008	River- Aquifer Interaction With Radial Collector Wells - A Case Study of Mahi River

## (B) PAPERS PRESENTED AT NATIONAL/STATE LEVEL SEMINARS/CONFERENCES

Sr. No.	Author(s)	Theme, Organizing Body, Place and Date of Seminar / Conference	Title of the Paper
<b>Department of English</b>			
1.	Moghe, R.A.	UGC -DRS National Conference on "Region, Literature, Culture : Issues and Stakes", Dept. of English, Faculty of Arts, The M.S. University of Baroda, March 18-19, 2008	The Folk Theatre of Gujarat - Bhavai
<b>Department of Civil Engineering</b>			
1.	Modi M., Sherasia, N. K.,	National Conference on 'Hydraulics & Water Resources, Hydro 2007', Sardar Vallabhbhai National Institute of Technology, Surat & Indian Society for Hydraulics, S.V.N.I.T., Surat, December 21-22, 2007	"Monitoring of Ukai Right Bank Canal Command using Remote Sensing and Geographic Information Systems (GIS)"

**DEPARTMENT OF APPLIED CHEMISTRY**

The Department was started with the view that knowledge of chemistry is necessary for engineers. This subject is taught to all branches of diploma engineering.

- To develop scientific attitude.
- To provide hands on experience of analysis of solutions.
- To train in analytical methods and instruments.
- To synthesize organic and inorganic compounds.

**DEPARTMENT OF APPLIED MATHEMATICS**

- Prepared and implemented the scheme and syllabus for X<sup>th</sup> passed Diploma (I.T.) students.
- Participated in short term programme at Deptt. of Mathematics at IIT, Kanpur and T.T.I at Chandigadh.

**DEPARTMENT OF CIVIL ENGINEERING**

In Civil Engineering Department, the following courses are conducted.

Diploma in Civil Engineering (SSC Stream-Morning Session)

Diploma in Civil Engineering (EDC Stream-Evening Session)

Every year, approximately 245 students are enrolled for above courses. There is excellent scope for the department-industry interaction and there has been continuous revision and upgrading of syllabus to meet the present day need and demand of industries. The department provides

- Basic Computer knowledge to S.Y.D.C.E. students.
- Site visits to different structures for improving the knowledge of students.

**DEPARTMENT OF ELECTRICAL ENGINEERING**

In Electrical Engineering Department, the following courses are conducted.

Diploma in Electrical Engineering (SSC Stream-Morning Session)

Diploma in Electrical Engineering (EDC Stream-Evening Session)

Diploma in Information Technology (SSC Stream - Afternoon session)

Diploma in Electronics & Communications - SFC (SSC Stream - Afternoon session)

Diploma in Computer Engineering - SFC (SSC Stream - Afternoon session)

Every year approximately 215 students are enrolled for above courses. There is excellent scope for the department-industry interaction and there has been continuous revision and upgrading of syllabus to meet the present day need and demand of industries.

Department organizes study tours for students and staff to various industries, power stations and substations on regular basis and thus support Industry – Institute Interaction.

Department always supports Research, Sports, NSS and hence most of the teachers and non-teaching staff members are contributing a lot in these field as well as University level administration.

Diploma course in I.T. was started in 2000-01 with and intake of 30 for SSC passed students.

The Self Finance Diploma courses in Electronics & Communication Engineering and Computer Engineering with 60 seats each have been started with the permission from AICTE & DTE.

All Laboratory experiments have been revised and many new experiments added using equipments purchased under MODROBs Scheme.

Qualification up-gradation of Temporary staff members was undertaken by recommending them for M.E. courses.

New Computer Hardware and Microprocessor Laboratory was established.

**DEPARTMENT OF MECHANICAL ENGINEERING**

In Mechanical Engineering Department, the following courses are conducted.

Diploma in Mechanical Engineering (SSC Stream-Morning Session)

Diploma in Mechanical Engineering (EDC Stream-Evening Session)

P.D.D in Refrigeration & Air conditioning

SUMMARY OF RECRUITMENT IN VARIOUS COMPANIES DURING CAMPUS OR OFF CAMPUS DRIVE  
YEAR 2007-2008

SR. NO.	NAME OF COMPANY	DISCIPLINE					TOTAL(388)
		MECH(138)	CIVIL(100)	ELECT(114)	PCT(29)	IT(07)	
1	ADANI ENTERPRISES LTD., MUNDRA PORT	1	1	2	0	0	4
2	ANUP ENGINEERING LTD., AHMEDABAD	3	0	0	0	0	3
3	ASIA BROWN BOVERI LTD, BANGLORE	8	3	16	0	0	27
4	ASIA MOTOR WORKS LIMITED, BHUJ	9	0	13	0	0	22
5	BLUE STAR LIMITED, MUMBAI	2	0	0	0	0	2
6	CHEMI-TECH PROJECTS WORKS PVT LTD., VADODARA	4	1	1	2	0	8
7	COSMO FILMS LIMITED,						
8	DEEPAK NITRITE LIMITED, BARODA	0	0	0	3	0	3
9	ELMEX CONTROL PVT. LTD., VADODARA	3	0	1	0	0	4
10	ESSAR LIMITED, HAZIRA	5	2	2	0	0	9
11	GORDHAN DAS DEAI PVT. LTD., BARODA	3	2	0	0	0	5
12	GTL INFRASTRUCTURE LIMITED, MUMBAI	0	2	2	0	0	4
13	GUJARAT INDUSTRIAL POWER COMPANY LTD, VADODARA	8	2	8	0	0	18
14	HINDALCO INDUSTRIES LTD., DAHEJ	8	3	3	2	0	16
15	HNG FLOAT GLASS LTD., KOLKATTA	2	0	0	0	0	2
16	INDIAN OIL CORPORATION LTD., BARODA						
17	ISGEC LIMITED, DAHEJ	2	0	0	0	0	2
18	KALPTARU POWER TRANSMISSION LTD, GANDHINAGAR	4	0	0	0	0	4
19	L&T LIMITED- ENERGY CENTRE, BARODA	14	9	0	2	0	25
20	L&T LIMITED- HEAVY ENGINEERING DIV., HAZIRA	2	0	0	0	0	2
21	LINDE ENGG. LTD., VADODARA	0	1	1	0	0	2
22	MSK PROJECTS INDIA LTD	3	6	0	0	0	9
23	MWH INDIA PVT LTD., VADODARA	0	6	0	0	0	6
24	PRATHAM DEVELOPERS LIMITED	0	14	0	0	0	14
25	SABIC (GE PLASTICS) INDIA LIMITED, VADODARA	4	0	0	0	0	4
26	SHOBHA DEVELOPERS LTD., PUNE	0	1	0	0	0	1
27	SIMPLEX INFRASTRUCTURE LIMITED, NEW DELHI	0	8	0	0	0	8
28	TATA CHEMICALS LTD., MITHAPUR	2	2	1	4	0	9
29	TIDC INDIA LTD., CHENNAI	5	0	0	0	0	5
	<b>TOTAL</b>	<b>92</b>	<b>63</b>	<b>50</b>	<b>13</b>	<b>0</b>	<b>218</b>
	<b>% OF RECRUITMENT</b>	<b>66.7</b>	<b>63</b>	<b>43.9</b>	<b>44.8</b>	<b>0</b>	<b>56.2</b>

**POLYTECHNIC AIR RIFLE CLUB (PARC)**

The Polytechnic Air Rifle Club (PARC) has created new firing range in the backyard of the Polytechnic college garden during the year 2007-08. During the celebration of the golden jubilee year, our Honorable Vice Chancellor, Dr. Manoj Soni had inaugurated the firing range.

The club has been started with the intention to provide to the students who wish to participate in shooting competition at the state and national level as a part of the extra curricular activities initiated by the college. Presently the PARC has three German air rifles and small shooting range. The college management plans to expand the infrastructure once they get more members. The club is working under the guidance of the Lt. Vijay Parmar, NCC Officer of Polytechnic. They are planning to host small camps throughout the year if they get more response from the students.

Polytechnic air rifle club is also partially supported by the NCC Unit of 1 Guj. Compo. (T) Regt and Veer Savarkar Smruti Kendra Vadodara who are assisting in requirements for the camps, certificates and trophies as well.

**ISTE STUDENT CHAPTER**

Event	Conducting Person	Date	Place
• Annual General body Meeting	B.J.Sheth	20/09/2007	All Events were held at Polytechnic
• Self Development through self Hypnosis	G.N.Solanki	20/07/2007	
• Hydrological Models in GERI	-	01/10/2007	
• Demonstration of Delcom Software	Delcom Company	21/01/2008	
• Workshop on how to prepare & present paper during the Paper Presentation	D.S.Patel B.J.Sheth	25/01/2008	
• Group discussion & personnel interview	B.J.Sheth K.M.Bhavsar	09/02/2008	

**TRAINING & PLACEMENT**

Having an exposure to a good work culture in the beginning of their professional life guarantees success in all their endeavors. It has been seen over the years that the students trained in this institute are very well prepared to handle responsibilities and work with the most cutting-edge technology in the industry. This belief works as a driving force for us to try and ensure that our students get a jump start in their career. The Training and Placement cell, provides the students with the best avenues to utilize their skills by helping them find gainful employment with the best of the engineering firms.

**ABOUT CAREER GUIDANCE AND TRAINING & PLACEMENT CELL**

The activity of placement was initiated in the year 2001 under the banner of ISTE (Indian Society for Technical Education) Students' Chapter, Polytechnic, The M.S. University of Baroda, as a part of the specified activities. At that time, very few companies responded in conducting the campus program. However, continuous efforts with effective approach to various industries, increased demand of engineers of different disciplines, students skill, ability to work and technical know-how have changed the scenario of this institute in the competitive global market. Looking to all these, since last two years, a Career Guidance And Training-Placement Cell has been framed with its leader – the Training & Placement Officer to take care of these activities related to its effective functioning.

The placement data for the last THREE years which is an indication of its effective functioning is as follows:

Name of the Department	No. of students placed(percentage) Year 2005-06	No. of students placed(percentage) Year 2006-07	No. of students placed(percentage) Year 2007-08
CIVIL ENGINEERING	15/83(18.07)	38/85(44.71)	63/100(63.00)
ELECTRICAL ENGINEERING	22/109(20.18)	37/112(33.92)	50/114(43.86)
MECHANICAL ENGINEERING	35/125(28.00)	80/140(57.14)	92/138(66.67)
PETROCHEMICAL TECHNOLOGY	11/28(39.28)	25/30(83.33)	13/29(44.83)

THE SCHEME IS RUNNING UNDER M.S.UNIVERSITY OF BARODA FROM JANUARY 2008 - ONWARDS

	Village	Trade	Period	Total Trainee	Employed
<b>Training Completed</b>					
1	Ankodiya	Welding	Jan-April	20	8
2	Chitral	Wireman	May-Aug	35	17
3	Dasharath	Wireman	Jan-may	34	15
4	Khanpur	Tailoring	Jan-July	30	15
5	Sindhrot	Tailoring	Jan-July	18	10
6	Vanadara	Wireman	Jan-may	31	12
	<b>Total Trained</b>			<b>168</b>	<b>77</b>
1	Chitral	Welding	Aug-Nov	37	
2	Chitral	Tailoring	Aug-Feb	35	
3	Karachiya	Wireman	June-Sept	25	
4	Karodiya	Basic Comp	June-Sept	27	
5	Vanadara	Basic Comp	June-Sept	38	
	<b>Total of under training</b>			<b>162</b>	
<b>Training Completed/Continued</b>					
Basic Comp				0	65
Wireman				100	25
Welding				20	37
Tailoring				48	35
				<b>168</b>	<b>162</b>

**NATIONAL SERVICE SCHEME (N.S.S)**

In Polytechnic, after a gap of about 7 years, N.S.S. has been re-launched in September 2006 with an enrollment of about 300 sincere & service minded students as NSS Volunteers by Er. Jitendra D. Wadhwa-Programme Officer, NSS, Polytechnic under the able guidance of Prof. (Dr.) M.N.Parmar – I/c. Programme Co-ordinator and Prof. K.S.Agrawal – Principal, Polytechnic.

Different programmes held by NSS includes Seminar, Rural camp, Ratri before Navratri, Essay writing competition and Sessions on Personality Development.

**NCC POLYTECHNIC WINGS**

Various types of camps have been arranged for the NCC cadets throughout the year 2007-08 at various places of India. The students of polytechnic have participated with enthusiasm and keen interest to learn more about NCC.

NCC develops character and personality of the cadets and improves qualities of leadership and spirit of adventure. NCC officer Lt. Vijay Parmar is coordinating all these activities in Polytechnic. The various camps arranged for the year 2007-08 are as follows.

Name of campus		Nos. of students
1	National Integration Camp at Bhadrak, Orissa (5 <sup>th</sup> June 2007 to 16 <sup>th</sup> June 2007)	06
2	Combined Annual Training Camp (18 <sup>th</sup> June 2007 to 29 <sup>th</sup> June 2007)	11
3	Combined Annual Training Camp (6 <sup>th</sup> Oct.2007 to 15 <sup>th</sup> Oct.2007)	07
4	Combined Annual Training Camp (27 <sup>th</sup> Oct.2007 to 10 <sup>th</sup> Nov.2007)	10
5	Army Attachment at Ahmedabad (17 <sup>th</sup> Dec.2007 to 31 <sup>st</sup> Dec.2007)	09
6	Combined Annual Training Camp (23 <sup>rd</sup> Feb 2008 to 3 <sup>rd</sup> March 2008)	12

**MISCELLANEOUS AND EXTRA CURRICULAR ACTIVITIES**

We at Polytechnic believe that an engineer or any technical person can become complete professional, only if apart from sound technical knowledge, he or she possesses qualities such as good communication skill, ability to work in team, positive attitude, capacity to understand various other subjects and broad mind for any circumstantial changes. With a view to develop such qualities in our students, to encourage students for their inherent talents and to conduct programmes in the benefit of society, the following activities are performed at Polytechnic :

- Community services by "Community Polytechnic"
- ISTE Chapter activities at Polytechnic
- NCC Training and Programmes
- NSS activities
- Organizing cultural and sports events for extra curricular activities.
- Organizing industrial visits, quiz seminars for academic development of students.
- Training and Placement Services.

Each department of our institute organizes industrial visits, quiz, special lecture from external faculty, seminars and other academic events, along with the regular curriculum. Students get opportunity to visit related industries, which certainly helps to understand practical aspects of the topic being taught.

Vasantotsav 2008 was celebrated by the Polytechnic at C.C.Mehta Auditorium from 23-02-2008 to 25-02-2008 where following events were organized.

- |                          |                      |                   |
|--------------------------|----------------------|-------------------|
| ▪ Debate Events          | ▪ Instant Activities | ▪ Literacy Events |
| ▪ Performing Arts Events | ▪ Special Events     | ▪ Sports Events   |
| ▪ Visual Arts Events     |                      |                   |

"SnehSammelan" was organized on 20-05-2007 at 06:30 p.m. for creation of "Alumni Association" with a view to develop the Polytechnic with the help of this "M.S.U. Polytechnic Alumni Association". Mr. Kalpesh Patel, Chairman, Chemrock Industry, who is also an Alumni of Polytechnic was the Chief Guest on the occasion.

Shri Jitubhai Sukhadiya, MLA- Gujarat Government has donated Rs. 3,00,000 to Polytechnic for "Community Hall" from his MLA fund to facilitate the single window operating system. The "Bhumipoojan" was performed on 24-03-2007 and Inauguration of "Community Hall" was held on 01-10-2007.

Poly\_Gold\_Tech\_Meet-2007 ( a state level technical meet cum Competition) was held on 01-10-2007 where following events were organized.

- |                                |                          |                    |
|--------------------------------|--------------------------|--------------------|
| ▪ Technical Paper Presentation | ▪ General Technical Quiz | ▪ Extempore Events |
|--------------------------------|--------------------------|--------------------|

Extension of Polytechnic Building by construction of five additional classrooms was completed successfully and inauguration was done on 01-10-2007. These classrooms were constructed from Polytechnic Development Fund and University Fund.

**COMMUNITY POLYTECHNIC**

Polytechnic run Community Polytechnic Scheme is financed by M.H.R.D., New Delhi (Govt. India). The objectives of this scheme are to train those villagers who have dropped out of regular education system due to poor family condition or non availability of educational facilities or other reasons and to help the villagers to acquire technical support, technical knowledge and information regarding new technologies.

The activities carried out in this scheme are:

- |                             |                             |                       |
|-----------------------------|-----------------------------|-----------------------|
| ▪ Information dissemination | ▪ Manpower development      | ▪ Community service   |
| ▪ Socio Economic Surveys    | ▪ Technical support service | ▪ Technology Transfer |

**TEAM MEMBERS:**

Mr. K.S.Agrawal – Co-ordinator

Mr. M.M.Patel – Project Officer

Mr. H.V.Bhatt – Assistant Project Officer

Mr. U.A.Karelia – Assistant Project Officer

- e) A technician's course be such that after graduation he can become entrepreneur and reach a status in the society.

Modernization of equipments in laboratories and workshops and other infrastructural facilities will be needed. Learning Resource Centres, equipped with a variety of media, will have to be developed. Live linkages with industry and other user departments will have to be formed, strengthened and maintained.

The M.S. University Polytechnic at present offers Diploma Courses, in conventional fields like Civil, Mechanical, Electrical and Petrochemicals Technology. In addition to these Diploma course in Information Technology (I.T.) was started in 2000-01. Diploma in Computer and Electronic & Communication has been recently launched.

The technological advancement particularly in the field of Electronics and Computer Engineering has affected all the spheres of Technical, Industrial and Business activity, either as consequence of latest Technological transfer from abroad or due to indigenous development and research. The industries have new face and procedure of working in the line of production. The production schedule demands constant attention, towards infrastructure facility, upgradation and maintenance of Plants and Equipments. Automation in Industry using computer now becomes an important factor to increase the production. This requires technicians to operate, maintain and supervise activities as a result of Computer revolution and highly skilled personnel are required in this specialized field of computer.

Research is generally considered a privilege of Institute of Higher learning like Engineering Colleges. However, the research and study projects connected with improved practice and innovations will have to be taken up by Polytechnics. The Polytechnic needs to provide skilled technicians to improve practices and innovations in the specialized areas of the sophisticated industries. The research in appropriate technology also provides technological inputs for appreciation and solution of Industries problems.

These Polytechnics will have to bloom into full fledged Centres of curriculum development and educational Technology. They will have a close liaison with State Level Curriculum Development (CD) centres and Technical Teachers Training Institutes of the region. They will also offer wide ranging programmes under one umbrella. This will optimize resources by avoiding duplication at other institutions.

The state has embarked upon implementation of heavy industrialization in the field of electronics and computer technology, apart from establishing defense industries related to computer technology in the State. State Government Industrial Corporation has already declared more electronics and Computer Industrial Zones. This march of growth in the industrial & other areas will have to be supported by matching growth of infrastructure.

## COURSES OFFERED AT POLYTECHNIC

Sr. No.	Name	Duration	Eligibility Criteria	Intake	Grant-in-aid/Self Financed
1	Diploma in Civil Engg.(DCE)	03 Yrs.	X <sup>th</sup> Passed Students	180	Grant-in-aid
2	DCE (EDC) for employed Personnel's	04 Yrs.	X <sup>th</sup> Pass + 2 Yrs. Experience	065	Grant-in-aid
3	Diploma in Mech. Engg. (DME)	03 Yrs.	X <sup>th</sup> Passed Students	165	Grant-in-aid
4	DME (EDC) for employed Personnel's	04 Yrs.	X <sup>th</sup> Pass + 2 Yrs. Experience	070	Grant-in-aid
5	P.D.D. in Refrigeration &A/C	01 Yrs.	DME Students	015	Grant-in-aid
6	Diploma in Elect. Engg. (DEE)	03 Yrs.	X <sup>th</sup> Passed Students	150	Grant-in-aid
7	DEE (EDC) for employed Personnel's	04 Yrs.	X <sup>th</sup> Pass + 2 Yrs. Experience	065	Grant-in-aid
8	Diploma in Petrochemical Technology	03 Yrs.	X <sup>th</sup> Passed Students	045	Grant-in-aid
9	Diploma in Information Technology	03 Yrs.	X <sup>th</sup> Passed Students	030	Grant-in-aid
10	Diploma Electronics & Communication	03 Yrs.	X <sup>th</sup> Passed Students	060	Self-Financed
11	Diploma in Computer Engg.	03 Yrs.	X <sup>th</sup> Passed Students	060	Self-Financed

# 19. Polytechnic

## I. INTRODUCTION

The M.S. University Polytechnic at Baroda emerged from erstwhile Kalabhavan which rendered yeomen service in technical education in the country for a period close to a century. The status of this Polytechnic is unique in the country, being the only Polytechnic attached to a University. The objective is to provide leadership in technical education with changing times. The strategy of our University has always been to rise to cater to the changing aspirations of the society. In view of tremendous industrial growth in and around Baroda, it is essential to modernize and diversify the various programmes to train manpower in the relevant technical fields. The need of the present time is therefore to restructure the various courses so as to cope with increasing demands of society.

The institution named Polytechnic was established in the year 1957, by the Maharaja Sayajirao University of Baroda, as an expansion of a long standing institute popularly known as Kalabhavan Technical Institute which was started in the year 1890 by His Highness (Late) Maharaja Sir Sayajirao Gaekwad III of Baroda. The foundation stone of the expanded Kalabhavan known as Polytechnic was laid by (Late) Honourable First President of India, Shri Rajendra Prasad in 1957 & the institution continued to offer conventional courses of three years duration in Civil, Mechanical & Electrical Engineering.

The aims & objectives of this institution was to train proper technical personnel to developing industries in and around Baroda city. In the year 1969, Model Diploma Courses in Oil & Gas, Plastics & Fertilizer (Petrochemicals) Technology, now of three years duration were started under Indo-USSR agreement which have been a 'Model' to many in the country's academic & industrial field. Presently it is run as a three years Diploma in Petrochemical Technology. The discovery of "Black Gold" i.e. Oil in Ankleshwar in Gujarat state in the 60s paved the way to the establishment of O.N.G.C. operations and India's largest public sector Gujarat Refinery at Koyali near Baroda under Indian Oil Corporation.

As a part of our effort to fulfill social commitment, the Polytechnic along with the Faculty of Technology & Engineering of the M.S. University has been conducting continuing education programmes for employed youths by having part-time Diploma and Degree courses respectively in Civil, Mechanical & Electrical Engineering. Thus the academic policies of Polytechnic are jointly decided by the Board of Studies of Faculty of Technology & Engineering of The M.S. University of Baroda, which has superior status in quality & content.

Baroda is a hub of industrial activity owing to the location of national level industries like IOC, Reliance, ONGC & State Level – GSFC, GACL, Heavy Water etc., besides the Private leading industries like Jyoti Limited, Asia Brown Brovery, Alembic Chemicals, Deepak Nitrate Limited. It has become imperative to prepare a plan to satisfy the aspirations of industries.

To achieve the above objectives, it is necessary to substantially improve the facilities of the M.S. University Polytechnic. It should be so structured that it is able to change, able to track what is changing and see while it is evolving.

### **CHALLENGES TO TECHNICAL EDUCATION**

Technical Education is one of the significant components of the Human Resource Development spectrum. It provides trained manpower for infrastructure, product and service sectors. It has been able to meet the requirements of user systems to a large extent upto now. However, the phenomenal growth of knowledge and information is expected to scale new heights in coming decades. The third wave technologies are bringing about a quiet revolution all over the world. In view of all these factors, infrastructure and service sectors; both organized and unorganized, will need greater induction of improved technology as well as trained manpower. The aim of any education system is to develop certain knowledge, skills, attitudes and values in the students to enable them to become responsible citizens to serve the society. For the accomplishment of such aims, considerable planning has to be done based on information about national manpower needs, reports on the job functions of technicians, available information on emerging technologies and the other relevant data.

In the case of development of Polytechnic education system, following important points need to be kept in view:

- a) A technician be sufficiently broad based in knowledge and adopt to changing technology.
- b) A technician be multifaceted and therefore must be equipped with knowledge, skills, attitudes, values and right type of personality traits required for growth and for acquiring positions of higher responsibilities in future.
- c) A technician be versatile to suit the changing manpower requirements.
- d) A technician be trained for competencies as expected by the industries through curriculum development with needs of time.

16. ACHIEVEMENTS/HONOURS/AWARDS

(A) Teaching Staff

Name	State/National/	Nature of Achievement International
<b>Department of English</b>		
Kewlani, M. S.	Consolation Prize, All India Indian Literature Golden Jubilee Literary Translation Competition in Poetry, January, 2008	For translation from Indian literature
<b>Department of Hindi</b>		
Dheriwala, M. A.	"Mahatma Jyotiba Phule Fellowship Award 2007" by the Bharatiya Dalit Sahitya Akademi, New Delhi, on December 09-10, 2007	For social service and other literary activities related to upliftment of the downtrodden and backward people of the country

**Shri M.K. Amin Arts and Science College and College of Commerce, Padra**

**5. (B) PAPERS PRESENTED AT NATIONAL/STATE LEVEL SEMINAR / CONFERENCE**

<b>Sr. No.</b>	<b>Author(s)</b>	<b>Theme, Organizing Body, Place &amp; Date of Seminar/Conference</b>	<b>Title of Paper</b>
1.	Vyas, P. H., Nigam, P.	International Conference "Strategies and Trends in Marketing: A New Economic Perspective", organized by Institute of Management, Nirma University, Ahmedabad, January 09-11, 2008	Pattern of Young Female Internet Users
		V AIMS International Conference on Management, December 27-30, 2007	Measuring Consumer's Satisfaction Using ATM
2.	Vaishnav, C.	UGC National Seminar on 'Challenges in the Teaching of English', Department of English, Faculty of Arts, The M. S. University of Baroda, Vadodara, January 21-22, 2008	Enabling Literary Capability through Task-based Teaching
3.	Dheriwala, M. A.	National Seminar on "Madhya Kalin Hindi Kavya ki Prasangikta" organised by Department of Hindi, The M. S. University of Baroda, and Hindi Sahitya Academy, Gandhinagar, March 2008	Aaj ke Sangharshshil Yug mein Jaayasi aur Unke Padmavati ki Dain

**5. (B) PAPERS PRESENTED AT NATIONAL / STATE LEVEL SEMINARS/CONFERENCES**

<b>Sr. No.</b>	<b>Author(s)/</b>	<b>Theme, Organizing Body, Place &amp; Date of Seminar/Conference</b>	<b>Title of Paper</b>
1.	Vyas, P. H., Nigam, P.	60 <sup>th</sup> All India Commerce , Conference, December, 27-29 2007	"Information Technology Enabled Organised Retail Business In India"
		"Managing Global Competitiveness: Indian v/s Canadian Perspectives", Faculty of Arts and Department of Commerce incl. Business Administration, Faculty of Commerce, The M. S. University of Baroda, Vadodara, January, 17-19 2008	"Life Style of Indian v/s Canadian Internet Users"
2.	Kewlani, M. S.	National Seminar 'Holistic Teaching of English', organized by CASE, The M. S. University of Baroda, Vadodara, February 25-26, 2008	The Need of Interpersonal skills for Language Teachers
		National Conference "ELT and CPD", ELTAI, Surat, November 2-3, 2007	Emerging TE in the 21 <sup>st</sup> Century – A Case Study of the Self Appraisal of Language Teachers

## 18. Shri M.K. Amin Arts and Science College and College of Commerce, Padra

### 1. INTRODUCTION

Founded in July, 1965, The M. K. Amin Arts & Science College and College of Commerce, Padra, a constituent college of the Maharaja Sayajirao University of Baroda, functions as a satellite campus. It caters to the rural population on the outskirts of Vadodara. Since its inception it has offered Bachelor's Degree courses in Arts and Commerce in tandem with departments and faculties of the Maharaja Sayajirao University of Baroda.

Students may offer Economics, History and Hindi as major subjects as well as other optional /minor subjects at B.A. At B.Com., they may offer Accounting & Financial Management, Human Resource Management, Marketing Management, Banking and Business Finance, Business Economics and Co-operation and Rural Studies as special subjects. The college adheres to syllabi prescribed by the various departments of the Faculties of Arts and Commerce.

Besides classroom teaching, the college encourages tutorials, seminars, field trips and projects/assignments. The college library, which has a large collection of books and journals and two separate reading rooms – one each for the teaching staff and the students, ably supports these activities. Members of the teaching staff utilise the facilities for doctoral and post-doctoral studies, UGC-sponsored minor projects, seminars and exhibitions and for students' events, such as writing activities, quiz competitions, debates and discussions on current issues.

The college has a good library and 20 permanent teachers. The Department of Physical Education offers facilities for various games. The National Cadet Corps has about 50 candidates under a Second Lieutenant.

But for this college, many local students and students from other places in Gujarat and elsewhere in India would be deprived of University education. The college helps them surmount a major obstacle on course to higher education.

The M.K.Amin Arts & Science College and College of Commerce, Padra has produced illustrious academicians, Heads of Institutions, and Senate Members. Many eminent members of the University spent significant years of their careers here. The college has been a critical link between the University and the district of Vadodara – it enjoys a position of prestige in the entire district.

### 4. (C) PUBLISHED ARTICLES/PAPERS IN JOURNAL(S) / EDITED VOLUMES

Sr. No.	Author(s)	Title	Name of the Journal, Volume Number, Page Numbers, Month and Year
1.	Vyas, P. H., Nigam, P.	Pattern of Young Female Internet Users	New Age Marketing, Excel Books, pp. 111-126,
		Multiple Manifestations of Management Education in India: A Critique	Emerging Issues in Business Management, Excel Books, New Delhi, 2008
		Measuring Consumer's Satisfaction Using ATM	Technology and Management: Two Pillars of Success, AIMS International, Houston USA
2.	Kewlani, M. S.	Environmental Education through the English Textbooks	Environmental Problems and Strategies, Ed. Veena Gandotra and Sarjoo Patel
3.	Vaishnav, C.	Inspired by the Language of Music	ETC: A Review of General Semantics, Vol. 65, No. 01, pp. 64-65, January 2008
4.	Dheriwala, M. A.	Adhure Chehre – Pustak Samiksha	Sanchetna, New Delhi, pp. 45, June 2007
		Varsa ke Jivan ki Mahatvakanksha – Mujhe Chand Chahiye	Aashwast, Ujjain, pp. August 3-4, 2007
		Vijan "Purush Satta se Takrati Career Woman ka Saahas Bhara Parakram"	Aashwast, Ujjain, pp. 06-07, October 2007
		Andekhe Anjaane Pal: Naari Jivan ka Navin Drastikon	Aashwast, Ujjain, pp. March 3-5, 2008

2.	Dwivedi, M.	Prabandh Me Adhyatma	Brahmvarchashwa, Dwitiyansakaran, June, 2007
3.	Purohit, P. M.	Sanskrit Bhasa Bhashsu Mukhya-Madhura Jivan Bharti Ramyasanskrit Bhasa Vasuddrisha Gruharmbhavichar	Dev-Sayujyam, Sanskrit Monthly Magazine published from Vadodara, Gujarat on April-2007, May-2007, August-2007, November-2007

5. (A) PAPERS PRESENTED AT INTERNATIONAL SEMINARS / CONFERENCES

Sr. No.	Author( s)	Theme, Organizing Body, Place and Date of Seminar / Conference	Title of the Paper
1.	Oza, Y. B.	International Sanskrit Conference on 'The Impact of Vedas on the World' organized by Shambhavi Vidyapith and J. Z. Shah Arts & H.P. Desai Commerce College, Amaroli, South Gujarat University, Surat , January 20-22, 2008	Nirukta and Paninian Grammar
2.	Purohit, P. M.	International Sanskrit Conference on 'The Impact of Vedas on the World' organized by Shambhavi Vidyapith and J. Z. Shah Arts & H.P. Desai Commerce College, Amaroli, South Gujarat University, Surat , January 20-22, 2008	Vedeshu Vastushastram
3.	Pandya, C. K.	International Sanskrit Conference on 'The Impact of Vedas on the World' organized by Shambhavi Vidyapith and J. Z. Shah Arts & H.P. Desai Commerce College, Amaroli, South Gujarat University, Surat, January 20-22, 2008	Jyotishashtra Evam Vastushastrasya Samnvay

5. (B) PAPERS PRESENTED AT NATIONAL/STATE LEVEL SEMINARS/CONFERENCES

Sr. No.	Author( s)	Theme, Organizing Body, Place and Date of Seminar / Conference	Title of the Paper
1.	Oza, Y. B.	Saurashtra Vistar Sanskrit Adhyapak Mandal and Arts & Commerce College, Savli, Vadodara , February 2, 2008	Importance of Basic Sanskrit
2.	Purohit, P. M.	Kautiliya – Arthshastram, Vartman Pariprekshay Rashtriya Sanskrit Parisamvad at N.S. Patel Art's College, Anand , March 20, 2008	Kautilyarthshastre Vastusankalpna
3.	Pandya, C. K.	'Vartmana Sandarbhe Sanskritasya Shastriya Siddhantanam Samichintanam' at Shri B. K. Patel Arts and Smt. L. M. Patel Commerce College, Savli, February 2-3, 2008  "Indian Dalit Literature" at Anand Arts College, Anand, March 8-9, 2008	Ved Me Nakshatra  Sanskrit Sahityame Dalit ke Prati ek Tatvik Abhigam

7. CONTRIBUTION IN CONDUCTING PROFESSIONAL / ACADEMIC PROGRAMMES

Sr. No.	Name (S)	Programme (s), Place and Date (s)	Participated as
1.	Purohit, P. M.	J. Z. Shah Art's & H. P. Desai Commerce College, Amroli, Surat on January 30, 2008	Resource Person

# 17. Baroda Sanskrit Mahavidyalaya

## 1. INTRODUCTION

Baroda Sanskrit Mahavidyalaya (BSM) which has been an internationally reputed institution of the traditional Sanskrit studies is the constituent college of the M.S. University of Baroda and fully recognized in the entire Gujarat State which offers all the Under-Graduate, Graduate, Post-Graduate as well as Doctoral Degree Courses in numerous ancient Indian Shastras through the medium of Sanskrit at the University level. The BSM, in its long, glorious tradition has been highly acclaimed for producing generations of nationally renowned scholars in various profound Sanskrit disciplines.

BSM, formerly known as the Rajakiya Sanskrit Mahavidyalaya during the time of the erstwhile Baroda State, has completed Ninety Three years (1915-2008). A programme for preparing students through courses in the Vedic and the Shastri disciplines in a traditional approach is a special feature of its academic and professional side. These courses prepare the students leading to certificate, diploma and degree. The main objective of the Institute is to train the students with a view to enabling them to accept various professions related to oriental studies and render valuable services to the community.

Recently, the institute has undertaken some educational experiments to modernize Sanskrit education and thereby to satisfy the cultural needs of the community at large, under the programme of popularization of Sanskrit learning. There is a good response from the community to these courses. These courses are being prescribed in view of the recommendations of various Education Committees and Commissions.

### DEPARTMENT OF TRADITIONAL SANSKRIT STUDIES

In the year 1996 the University instituted a Dept. of Traditional Sanskrit Studies at the Baroda Sanskrit Mahavidyalaya. Now the Dept. has its own Board of Studies. Recently, the Deptt. has undertaken some educational experiments to modernize Sanskrit education & thereby to fulfill the cultural needs of the community at the large, under the programme of popularization of Indian Shastras, and the Vedic Studies. There are a large number of students studying in the institution coming from the city, the state and the outside. There is good response from the community to these courses.

### COURSES AT PRESENT

There are such Shastras taught at the BSM as Sahityashastra, Dharmashastra, Jyotishshastra, Vedantashastra, Vyakranashastra, Sankhya, Purana, Vedas & Vastu-Shilpa Shastra. Vastushastra is the age-old mystic science and art of designing & constructing buildings which finds its origin in sthapatya Veda, which in turn is a part of the "Atharva-Veda". Later this Shastra flourished fast and wide and was integrated deeply in other ancient Indian Shastras, Purana Shastra and Yagniki. The BSM is the only academic institution, functioning at the University level in the state of Gujarat where these Shastras are taught in the traditional methods and in the medium of Sanskrit.

#### 1. Full Time/Regular Courses at Present

- I. Certificate Course in Prathama Kaksha leading to Upadhyaya or Pauranik (1 year)
- II. Diploma Course in Madhyama Kaksha leading to Visharad (2 years)
- III. Degree Course in Uttama Kaksha, leading to the Graduate Degree Course, Shastri (3 years) and Acharya Post-graduate Degree Course (2 years)
- IV. The Post-graduate Research Degree Course leading to the Doctoral Degree Vachaspati.

#### 2. Part-time Certificate Courses at present

Practical courses for strengthening the theoretical knowledge in Vastu, Jyotish, Karmakanda, Yoga and the Recitation of Slokas such as Gita, Sikshapatri, Shodasagranthas, Jaina Stotras and etc.

#### 3. Courses of Vedas

Regular Courses in the teaching and learning of different Vedas in a traditional way are viz. the Rig-Veda, the Shukla Yajurveda, the Krishna Yajurveda, the Samaveda and the Atharvaveda.

#### 4. (C) PUBLISHED ARTICLES /PAPERS IN JOURNAL(S) / EDITED VOLUMES

Sr. No.	Author(s)	Title	Name of Journal, Volume Number, Page Numbers, Month and Year
1.	Shukla, R. A.	Atharv Ved – Mahatva Aur Samsamyikta (Hindi)	Brahma Varchaswa, II Edition, pp 8, June, 2007

**Department of Computer Science and Engineering**

Jivani, A.G.                      State                      DAIICT, SPCTS – 07, 2nd prize in paper presentation Co-author for the paper – an approach towards the SNN Clustering Algorithm in

**Department of Mechanical Engineering**

Prabhakaran, P.              National                      ISTE-GSFC National Award for Best M-Tech. Thesis in Mechanical Engineering 2007

**Department of Pharmacy**

Balaraman, R.              National                      Elected as Vice president in National Body of Indian Pharmacological society for the year 2008

National                      PP Suryakumari Prize for publishing the reserach paper in Diabetes in Life Sciences , 2006 April, vol 78, 2615-2624

Sawant, K.K.                  National                      OD Gulati Prize

**WREMI**

Shete, D.T.,  
Shelat, R.B.                  International                  Best Poster Presentation Award at International Symposium on "Agrometerology and Food Security (INSAAFS)"organized by Association of Agrometeorologists, Anand and Central Research Institute for Dryland Agriculture, Hyderabad

**(C) Students**

Name	State/National/ International	Nature of Achievement
<b>Department of Pharmacy</b>		
Patel, V., Balaraman, R.	State	II prize in oral paper presentation at GUJCOST
Surti, N., Misra, A.N.	State	II prize in oral paper presentation at GUJCOST
Trivedi, C., Balaraman, R.	National	OD Gulati prize

program, a number of University students and staff have been provided basic training in office software with an introduction to Internet usage skills.

- The website ([www.msubaroda.ac.in](http://www.msubaroda.ac.in)) & the Mail Server ([mail.msubaroda.ac.in](mailto:mail.msubaroda.ac.in)) are hosted on the Servers of the Computer Centre and are being actively used for publishing exam results, merit lists, Annual reports, event advertisement etc. This is also being used as the testing platform for various network based applications being developed in-house. The Computer Centre has been able to raise the level of fault tolerance for both these servers and the number of break downs, crashes and complaints have reduced. The website is very efficiently designed with the concepts of Content Management System (CMS). It facilitates real time updation of the web site content by various faculties and institutions of the University. This system has been deployed for more than 3 years. Currently many faculties/departments update the contents regularly. Training is provided, on request, for user departments on "how to update web content of my department?". Due to the continuous & untiring efforts of the Computer Centre, more & more departments have started updating the web contents for their respective departments on the website.

The branch office of the Computer Centre at the University Office has been efficiently handling all the existing systems for administrative work (Payroll System, PF System) and Examination Result Processing. This center is also being configured as the controlling center for the significant cluster of computer systems that is emerging at the university office.

### HIGHLIGHTS OF ACTIVITIES OF COMPUTER CENTRE 2007-08

The main activities carried out by the Computer Centre during 2007-08 are as follows.

1. It continued as a central computing facility with a centralized Network Setup, which includes Network Server, Internet Server, E-mail Server, VSAT, 2 mbps leased line, several routers/switches for all the students and staff of the University. The internet connectivity is provided to more than 2000 computers across different campuses of the University. The intranet as well as internet facilities are administered, coordinated & maintained at the Computer Centre.
2. All the facilities at the Computer Centre are available for the staff & students of the University. It also offers possible assistance to the researchers & teachers in conducting their research, analyzing their data etc.
3. 2 new Short term courses – CCC & CCC+ were introduced not only for the students and staff of the University, but for the community as a whole, on computer & Internet awareness & literacy.
4. Introduced a new Short Term Professional Course, namely, "Certificate Course on Web Technology" based on LAMP (Linux, Apache, MySQL, PHP) technology. None of the regular courses in the University like BCA, MCA or PGDCA covers these topics. Experts & Resource Persons from the IT Industry are invited to impart their knowledge in this course.
5. Two new software were purchased by the University, Accounting Software - Tally & Payroll Software – Saral PayPack. Lot of effort had to be made to make both the software work on the network.
6. An extensive staff training programme was undertaken between April 2007 to October 2007, on "How to upload departmental information on the website?" Not less than 80 permanent teaching staff members from various departments across the University were given training & password for their respective departments.
7. During the same period the website was extensively redesigned, changed and updated & the new version of the website was inaugurated by the Honourable Chancellor on 27<sup>th</sup> September 2007.
8. To overcome the effect of shortage of technical staff, projects are given to the final semester students of PGDCA, BE, MCA. During 2007-08, 6 students were taken from PGDCA to work on the projects of computerization of Examination System – Grade System. An effort has been made to develop a working software for examination result processing system, which is online, intranet based web application software.
9. During the second semester of the academic year 2007-2008, students of the Faculty of Journalism and Communication, MSU have interacted with University students in other countries under "Virtual Classroom" setup.
10. The video conferencing facility at the Computer Centre were utilized by the Faculty of Law for the first time during the year 2007-08. The students of Post Graduate Diploma in Cyber Law interacted online with their subject experts in other parts of the country.
11. Under the INDO-US Edusat Programme of Govt. of INDIA, online lecturers from IITs were made accessible to the staff & students of the University at the Computer Centre.

# The Maharaja Sayajirao University of Baroda

---

## Computerization of University Administration

### Processing of University Data

Computerized processing of various University functions, mainly, **Examination result preparation, Mark sheet Printing & Preparation of convocation data and Payroll processing, P.F. accounting etc.**

The Computer Centre has initiated the task of the System Study of the existing admission & examination system of various faculties with active support of Academic & Examination Section, with an objective to design & develop an Integrated Student Information System for our University.

Presently, the Examination Result Preparation is programmed only for the marks system. The results which include grades are not supported by the present computerized system. The Computer Centre has undertaken projects for computerizing the Result Processing for grade system & designed software for Faculty of Education & Psychology, Faculty of Family & Community Sciences & Faculty of Law (BSLS), which are likely to be ready for the first live test by end of June 2008.

### Plan To develop an integrated application software for the University

The M. S. University of Baroda is spread over different campuses. More than 2500 computers of various faculties are connected by a gigabit fibre optic backbone of more than 27 Kms. To take advantage of this powerful intranet for better administration, the Computer Centre has planned to develop various intranet web based applications during the XIth Plan. To meet this objective, the Centre has some additional, time bound requirements of technical resources, including specialized training for the permanent technical staff of the Computer Centre, some additional technical staff as well as software etc., which have been proposed in XIth Plan Requirements.

## 20D. General Education Centre

During the year 2007-08, the Auditorium was effectively used by the University and the other outside Institutions for academic, cultural, social or the business purposes. Total 352 shifts were used during the year and net rent collected through booking was Rs.1650429/-. As the Retreat area (meant for lunch, dinner, exhibitions etc.) is still under the court stay and causing inconveniences to the users, the alternative facility of 'Lounge' in place of 'Retreat' has been continued.

During the year 2007-08, total 352 shifts were booked. 52 shifts were used by the University Institutions and rest by the other out side groups. 179 shifts were used for cultural programmes, 111 for meetings/seminars and 16 shifts for conferences/symposiums and 46 for preparation / rehearsals etc. Many of them also took the advantage of Auditorium ancillary facilities.

Noteworthy events during the year were celebration of Birth Anniversary of late Prof. C.C. Mehta Saheb, Supplementary Convocation of the University and World Theatre Day where Auditorium actively participated in management and offered its dedicated services.

## 20E. Health Centre

The University Health Centre provides consultation, investigations, specialists' services, treatment facilities for all common ailments, minor surgical treatment and counselling services to the staff, their dependents and students of the M.S. University of Vadodara. Limited facilities for admission under observation and administration of intravenous fluids are also available. Even minor surgical and medical procedures, wound repairs, blood transfusions, management of medical emergencies are also offered by professionally competent staff of the centre.

The Health Centre staff currently includes a full time Medical Officer, Officiating the Centre, a Part-time Lady Medical Officer and 3 honorary consultants, viz.,

- a) A Dermatologist visiting twice a week.
- b) A Gynaecologist - twice in a week
- c) An Ophthalmologist

2 temporary Staff Nurses, a Laboratory-cum-X-Ray Technician, a Laboratory Attender, one Clerk and 3 Class-IV servants.

Immunization services for children, adolescents and students are also available.

Counseling, Psychotherapy, Psychiatric treatment and Psychological testing are offered by MARG Counseling Centre functioning at the Health Centre on voluntary basis. It provides treatment in cases of mental health problems, stress and substance abuse to the University Staff, their children and family members, as well as University Youths, school children and general public of Vadodara.

The summary of various services and activities undertaken at the Centre during the year is as follows :

1.	Total no. of working days .....	289 days	
	a) Total no. of patients treated during the year .....	38,110	
	b) Average daily attendance .....	131	
	c) No. of University students who received treatment.....	12,114	
	d) No. of staff members and their family members. ....	25,996	
2.	Consultant visits :		
	<u>Speciality</u>	<u>No. of visits</u>	<u>No. of patients treated</u>
	(a) Dermatologist	58	1,033
	(b) Gynaecologist	80	540
	(c) Ophthalmologist	42	5479
3.	Laboratory Investigations :		
	(a) Routine .....		8,684
	(b) Biochemistry.....		2,611
	(c) Total .....		11,295
4.	Immunization services :		
	(a) D.T.P. ....		35
	(b) Oral Polio .....		60
	(c) Pulse Polio Immunization .....		180
	(d) D.T. ....		35
	(e) Hepatitis - A .....		09
	(f) Hepatitis - B .....		28
	(g) Measles .....		9
	(h) M.M.R. (Measles, Mumps, Rubella).....		29
	(i) Chicken Pox .....		17
	(j) Hib vaccine .....		53
	(k) Typhoid .....		15
5.	Pre-Employment Medical Check-ups :		
	(a) Teaching .....		17
	(b) Non-teaching .....		02
	(c) Total .....		19
6.	Counselling Services :		
	(a) University Staff and students .....		17
	(b) General public .....		169
	(c) Psychological Testing .....		142
	(d) Total .....		328
7.	Financial statement : (Expenditure)		
	(a) Medicine and X-Ray Plates .....	Rs. 7,41,851.00	
	(b) Reimbursement of Medical Expenses to Univ. employees.....	Rs. 6,41,751.79	
	(c) Laboratory Chemicals .....	Rs. 25,648.00	

## 20F. University Employment Information and Guidance Bureau

### Function of University Bureau

This Bureau is run by Employment and Training Department (Labour & Employment) Government of Gujarat since 1964.

The Bureau is dealing with the work of Vocational Guidance Activities as well as Placement Services. The Bureau has a jurisdiction over Vadodara District. All Master Degree holders, Engineering Graduates & Professional Degree holder's unemployed candidates are registered & placement service is provided to them.

Sr. No.	Description of Activity	Male	Female	Total
1.	Registration of unemployed	1009	703	1712
2.	Vacancy Notified	957	10	967
3.	No. of Job seekers who obtained job	327	123	450
4.	No. of Job seekers recommended against vacancy	9253	3093	12346
5.	No. of Job seekers remaining on live register on March 31 <sup>st</sup> , 2007	2624	1799	4423

Sr. No.	Description of activity	Achievement of Target April '07 to March '08
1.	Information of Guidance regarding registration .....	1083
2.	Individual Information .....	637
3.	Group Discussion .....	64
4.	No. of job seekers attending Group Discussion .....	354
5.	No. of visitors for Information .....	3011
6.	Vocational Guidance Talk .....	14
7.	Employer contact .....	60
8.	Publication of Bulletin on job opportunity .....	01
9.	Advisory Committee Meeting .....	-
10.	Old Case Review .....	60
11.	Campus Recruitment .....	04
12.	Individual Guidance .....	36
13.	Submission against advertisement .....	2280
14.	No. of Jobseekers got information of competitive exam. and other job. ....	527
15.	Exhibition for carrier guidance .....	01

## 20G. The University Publications Sales Unit

The Publications Sales Unit works at AICS building since 1993. It deals with University Publications, Past Examination Question Papers, Hand Book, Electoral Rolls, Service Book, etc.

Our New Publications is

1. Oriental Sr. No. 22,

Two Lectures on the Valmiki Ramayana.

## 21A. Department of Physical Education

### I. INTRODUCTION

Physical Education and sports are an integral part of educational system. The Department of Physical Education presently consists of one Director, seven Assistant Directors (5 Men and 2 Women) and one hockey coach. Over the years the efforts of staff members have brought glory to the university. The focus always has been on raising general consciousness of good health of student community. Further, by training such students selections are made to represent the university at state, national and international level. Our glorious sports personalities over the years are cricketers like Shri Ansuman Gaekwad, Shri Atul Bedade, Shri Nayan Mongia. Shri Salim Ginwala and Kum. Lata George participated at World Universities games in football and table tennis. Kum. Trishia Singh and Shri Davinder Singh won gold medals in the All India Inter University Swimming and Athletics Competitions. Beside this, University cricket, Kho-kho (women), Hockey and Football teams won the All India Inter University Championship.

The department also looks after routine work of swimming pool, D N Hall cricket ground, Tennis Courts, gymnasium and other indoor and outdoor sports facilities for the entire student community of university.

### FACILITIES AVAILABLE

Sr. No.	Name	Specifications
1	Athletics	Track: Standard size with eight lane grassy clay.
2	Multi Gym	Various equipments installed in 20' X 12' room
3	Swimming Pool	33.50 mts X 12.40 mts 6 lane with diving board, chlorine filtration facility, bath rooms and change rooms. Diving Board 2.27 mts. Shallow water depth, 1.07 mts.
4	Badminton Court	20.85 mts X 13.25 mts. Indoor court with wooden floor. Under Possession of MSU Union
5	Basketball Court (1 Nos.)	28 mts. X 15 mts. Standard size cemented and with flood light facility
6	Tennis Court (2 Nos.)	Standard size clay with flood light
7	Volleyball Court (6 Nos.)	Standard size One court with flood light
8	Handball Court	Standard size
9	Kho-kho Court (2 Nos.)	Standard size. One court with flood light
10	Football Field	120 Yds X 80 Yds
11	Cricket Field (2 Nos.)	One turf and one matting wicket
12	Table Tennis Hall	Indoor hall (under possession of MSU Union)
13	Kabaddi Court (2 Nos.)	Standard size
14	Hockey Field	Standard size

### Members of University Board of Sports

1.	Prof. S. M. Joshi	Pro Vice-Chancellor & Chairman, Board of Sports
2	Dr. Pragnesh Shah	Syndicate Member
3	Shri Samarjitsinh Gaekwad	Syndicate Member
4	Shri Gopal Bhatti	Senate Member
5	Dr. Deepak Rathod	Officer In-charge - Handball
6	Dr. N K. Sardhara	Sr. Staff Member
7	Dr. M. B. Ponkia	Sr. Staff Member
8	Dr. K. N. Singhlot	I/c. Chief Medical Officer
9	Dr. Arun Pratap	Officer In-charge - Badminton

## The Maharaja Sayajirao University of Baroda

10	Shri Hitesh Dhamecha	Officer In-charge - Cycling
11	Shri G. P Chauhan	Representative of NCC
12	Dr. B. S. Chakarbarty	President, MSU Union up to 30.06.2007
13	Dr. P. M. Shah	President, MSU Union from 01.07.2007
14	Shri Kalpesh Naik	Officer In-charge Cricket
15	Shri Rupesh Prajapati	Gen. Secretary, MSU Union
16	Kum. Hiralba Sarvaiya	Vice President, MSU Union
17	Shri G. S. Patel	Representative of MK Amin College, Padra
18	Dr. P. B. Thumar	Director

### PARTICIPATION IN INTERUNIVERSITY TOURNAMENTS

The following teams were selected and participated at the Inter University tournaments (2007-08)

Sr. No.	Name of the game	Venue	
		Men	Women
1	Athletics	Annamalai Uni. - Chidambaram	Annamalai Uni. - Chidambaram
2	Badminton	Sardar Patel Uni.- VV Nagar	Sardar Patel Uni. -VV Nagar
3	Basketball	North Maharashtra Uni.- Jalgaon	—
4	Best Physique	Punjabi Uni. - Patiala	—
5	Cricket	Mohanlal Sukh. Uni. - Udaipur	Banasthali Uni. - Banasthali
6	Cycling	Punjabi Uni. - Patiala	—
7	Football	Goa University - Goa	—
8	Handball	Acharya N Uni.- N Nagar	—
9	Hockey	Uni. of Rajasthan - Jaipur	—
10	Judo	Panjab Uni. - Chandigarh	Panjab Uni. - Chandigarh
11	Kabaddi	Kota University - Kota	Madurai Kamraj Uni. - Madurai
12	Kho-kho	Sardar Patel Uni.- VV Nagar	M S University - Tirunelveli
13	Swimming	Uni. of Kerala - Trivendarum	—
14	Table Tennis	V N S Gujarat Uni. - Surat	V N S Gujarat Uni. - Surat
15	Tennis	M P Uni. of A. & Tech. Udaipur	—
16	Volleyball	Dr B A M Uni. - Aurangabad	N T R Uni. Vijayawada
17	Wrestling	Shivaji Uni. - Kolhapur	—

### HIGHLIGHTS: (Sports achievements and others)

- University Table Tennis (Women) team secured 3<sup>rd</sup> place at West Zone Level and qualified for Inter Zonal held at Kurukshetra University.
- Tennis (Men) team reached up to Quarter Final in All India Inter University Tennis Tournament (West Zone).
- Cricket (Men and Women) teams reached up to Quarter Final in All India Inter University Cricket Tournament (West Zone).
- Kabaddi (Women) team was runners up in State Level Tournament.
- Hockey (Men) team was runners up in Late Olympian Govindrao Savant Tournament.
- Cricket (Men) team was runners up in H D Zaveri League (A Group) Tournament.
- Department has organized Hockey Summer Coaching camp for school children.
- Department has jointly organized Sayaji Krida Mahotsav with Vadodara District Olympic Association from 07<sup>th</sup> Feb to 10<sup>th</sup> Feb, 2008.

The Following Players Participated at State and National Level Tournaments

Sr. No.	Name of the players	Faculty	Event	Remarks
1	Kum. Laxmi Tomar	Science	Cricket	National
2	Kum. Taslim Shaikh	Law	Cricket	National
3	Kum. Karin Gardner	Law	Cricket	National
4	Kum. Sita Tomar	Science	Cricket	National
5	Kum. Ankita Patel	Commerce	Cricket	National
6	Kum. Nidhi Anjaria	Commerce	Cricket	National
7	Kum. Binaisha Surti	Commerce	Cricket	National
8	Kum. Krupa Majmudar	Commerce	Table Tennis	3 <sup>rd</sup> place at West Zone (IUT) National
9	Kum. Neha Puri	Commerce	Table Tennis	
10	Kum. Sanika Landge	Science	Table Tennis	
11	Kum. Minaxi Gohil	Science	Table Tennis	
12	Kum. Neha Puri	Commerce	Table Tennis	National
13	Kum.Trushna Maheshwari	Commerce	Hockey	National
14	Kum. Mansi Pandit	Commerce	Badminton	National
15	Kum. Hansa Zada	Arts	Athletics	National
16	Kum. Kalvinkar Harshali	Commerce	Athletics	National
17	Shri Phull Prabhjotsingh	Commerce	Athletics	National
18	Shri Suhas Haridas	Commerce	Athletics	National
19	Shri Shibi John	Commerce	Football	National
20	Shri Kamran Shaikh	Arts	Cricket	National
21	Shri Gagandeep Singh	Commerce	Cricket	National
22	Shri Aditya Waghmode	Commerce	Cricket	National
23	Shri Vishal N. Shahne	Commerce	Kabaddi	National
23	Kum. Krupa Majmudar	Commerce	Table Tennis	State
24	Kum. Mudra Pathak	Law	Athletics	State
25	Kum. Karishma Patel	Science	Athletics	State
26	Shri Darshan Mehta	Arts	Tennis	State
27	Shri Nadeem Pathan	Commerce	Best Physique	State

RESULTS OF INTER FACULTY TOURNAMENTS (STUDENTS)

Sr. No.	Name of the Game (Individual Game)	Name of the Player	Faculty
1	Athletics (M)	Sheshpal Sahani	Commerce
	Athletics (W)	Kum. Hansa Jada	Arts
2	Badminton (M) - Singles		
	Winner	Krunal Siddhpua	Commerce
	Runners Up	Jaimin Savalia	Commerce
	Badminton (M) - Doubles		
Winner	Jaimin Savalia Harsh Shah	Commerce Commerce	

# The Maharaja Sayajirao University of Baroda

	Runners Up	Sandeep Khinchi Sharma Prabodh	Arts Arts
	Badminton (W) Singles Winner	Mansi Pandit	Commerce
	Runners	Chaitali Purani	Law
	Badminton (M) - Doubles Winner	Mansi Pandit Sarika Agnihotri	Commerce Commerce
	Runners Up	Jhanvi Gadge Amrisha Kaur	Science Science
2	Swimming	Sagar K Nagarani	Commerce
3	Table Tennis (M) –Singles Winner	Nirav Ruchandani	Tech. & Engg.
	Runners Up	Vivek Kakkad	Medicine
	Table Tennis (M)–Doubles Winner	Nirav Ruchandani Rishabh Srivastav	Tech & Engg. Tech & Engg.
	Runners Up	Vivek Kakkad Apurva Patel	Medicine Medicine
	Table Tennis (W) –Singles Winner	Krupa Majmudar	Commerce
	Runners Up	Neha Puri	Commerce
	Table Tennis (W)–Doubles Winner	Neha Puri Krupa Majmudar	Commerce Commerce
	Runners Up	Minakshi Gohil Manali Rathod	Arts Arts
4	Tennis (M) – Singles (Winner)	Vandan Mehta	Arts
	Tennis (M) – Singles (Runners up)	Hardik Shah	Tech. & Engineering
	Tennis (M) – Doubles (Winners)	Vandan Mehta Darshan Mehta	Arts Arts
	Tennis (M) – Doubles (Runners up)	Sharash Mahajan Hardik Shah	Tech. & Engineering Tech. & Engineering
	Tennis (W) – Singles (Winner)	Isha Thakkar	Arts
	Tennis (W) – Singles (Runners up)	Pooja Shastri	Tech. & Engineering
	Tennis (W) – Doubles (Winners)	Isha Thakkar Pradhan Shreya	Arts Arts
	Tennis (W) – Doubles (Runners up)	Pooja Shastri Rucha Kabvadekar	Tech. & Engineering Tech. & Engineering

Sr. No.	Name of the game (Team Game)	Winner (Faculty)	Runners up (Faculty)
1	Cricket (M)	Arts	Technology & Engineering
	Volleyball (M)	Commerce	Polytechnic
2	Volleyball (W)	Arts	Technology & Engineering
3	Basketball (M)	Sanskrit M Vidya.	Commerce
4	Basketball (W)	Medicine	Commerce
5	Football	Commerce	Technology & Engineering

- Shri Jyot Chhaya, Faculty of Technology and Engineering awarded Ranji Award for the year 2007-08.

**INTER FACULTY STAFF TOURNAMENTS (TEAM EVENTS)**

Sr. No.	Game	Winners	Runners Up
1.	Cricket	Polytechnic	Library System
2.	Volleyball (M)	Dept. of Physical Education	Tech. & Engineering

**INTER FACULTY STAFF TOURNAMENTS (INDIVIDUAL EVENTS)**

Event	Name	Unit	Position
<b>Table Tennis</b>			
Singles	Shri R R Sharma	Polytechnic	Winner
	Shri Deepak Shelar	Halls of Residence	Runners Up
Doubles	Shri Mehul Jethwa	Polytechnic	Winner
	Shri S K Vyas	Polytechnic	Winner
	Shri Vikas Prajapati	Dept. of Phy. Edu.	Runners Up
	Shri R R Sharma	Polytechnic	Runners Up
<b>Chess</b>			
	Shri Devang Shah	Polytechnic	Winner
	Shri D K Chauhan	Dept. of Phy. Edu.	Runners Up
<b>Carom</b>			
Singles	Shri Mahesh Panchal	Science	Winner
	Shri Salil Deshpande	Tech. & Engg.	Runners Up
Doubles	Shri Salil Deshpande	Tech. & Engg.	Winner
	Shri Poonam Solanki	Tech. & Engg.	Winner
	Shri Amrut Dodia	Tech. & Engg.	Runners Up
	Shri Subhash Nalavade	Tech. & Engg.	Runners Up
<b>Draught</b>			
	Shri D K Chauhan	Physical Edu.	Winner
	Shri M Rajshekhar	Physical Edu.	Runners Up
<b>Badminton</b>			
Singles	Shri Santosh Kumar	Tech. & Engg.	Winner
	Shri M B Suresh Kumar	Science	Runners Up
Doubles	Dr Arun Pratap	Tech. & Engg.	Winner
	Dr P C Patel	Tech. & Engg.	Winner
	Dr M B Sureshkumar	Science	Runners Up
	Dr C N Murthy	Tech. & Engg.	Runners Up

### STAFF ACHIEVEMENT

- 1) Dr. P.B. Thumar, Director Physical Education acted as Resource Person in Refresher Course sponsored by UGC and delivered lectures on "Use of ICT in Physical Education and Sports" and "Developing Quality Physical Education in Higher Education" organized by C.R. Gardi Academic Staff College, Saurashtra University, Rajkot on 19<sup>th</sup> & 20<sup>th</sup> September 2007.
- 2) Dr. P.B. Thumar, Director Physical Education presented paper entitled "Enabling Muscular Power In Athlete: Need For Plyometric Training" at National Seminar On Education, Physical Education & Yoga Education in The Knowledge Era: Directions, Issues, Concerns" organized by S.S. Patel College of Physical Education, V.V. Nagar on 2<sup>nd</sup> and 3<sup>rd</sup> November 2007.
- 3) Dr. P.B. Thumar, Director Physical Education acted as resource person and delivered Lecture in closing ceremony at Seminar on Health and Physical Education, organized by Rajkot District Secondary / Higher Secondary Physical Education Teachers Association on 12<sup>th</sup> January 2008.
- 4) Dr. P.B. Thumar, Director Physical Education acted as resource person and delivered lecture on "Sports Policy of India 2007" at 1<sup>st</sup> State Level Seminar organized by Gujarat State Universities and Colleges Physical Education Teacher Association, Held at Ambaji on 31<sup>st</sup> January 2008.
- 5) Dr. P.B. Thumar, Director Physical Education presented research paper entitled "A study on Mental Toughness of Team and Individual Players of The M.S. University of Baroda" which has been published in Book of Abstracts of III International Congress on Sports Medicine, Exercise Science, Physical Education & Yogic Science Organized by Lakshmbai National Institute of Physical Education, Gwalior on 12<sup>th</sup> to 15<sup>th</sup> February 2008.

## 21B. Foreign Students

The M. S. University of Baroda has always been attracting foreign students from various countries. The cosmopolitan character and English as a medium of instruction in the University make it an important centre of higher education among foreign students. The number of foreign students were 48.

These foreign students came from a large number of countries: Nepal, Bangladesh, Sri Lanka, Tibet, Jordan, Mauritius, Philippines, Sudan, Canada, Kenya, Thailand, South Korea and Japan. Almost half of these students are on Government of India scholarships under various cultural exchange programmes. All these students from various nationalities interact among themselves as well as with Indian students on a regular basis by organizing cultural and extra curricular activities.

## 21C. Halls of Residence

During the year 2007-2008, in all 3827 students were admitted in the Halls of Residence, out of which 2436 were boys and 1391 were girls.

### GENERAL INFORMATION OF THE HALLS OF RESIDENCE:

1. In all the hostels Students Executive Committees were formed. Along with these Committees a Central Executive Committee comprising students representatives from various hostels was constituted.
2. Welcome Party, Annual Day, Ganesh Mahostav, Ratri Before Navratri etc., were organized in all the Hostels.
3. Tree Plantation Programme in Boys Hostel Campus was organised on 18th August, 2008.

## 21D. National Cadet Corps

1. NCC is one of the biggest youth forum which brings the vibrant students together and guide them in a proper direction so that they can play a constructive role in the development of the country. These students have enormous opportunity to show their talent and skill. Besides Military Training, they have an opportunity for adventurous activities which give them wide horizon and keep them morally and mentally fit so that they become well disciplined members of the society. The students do Para Sailing, Gliding, Para Dropping, Training Camps, National Integration Camps, Rock Climbing and Mountaineering activities Boat Pulling/Sailing and Ship Modeling. They also go for Republic Day Camp and Prime Minister's Rally on 26<sup>th</sup> and 27<sup>th</sup> January every year. Various activities done by the students of M S University as NCC cadets are enumerated in succeeding paras.

### 2. CAMP ACTIVITIES

A total 632 students (Boys and Girls) of Air, Naval and Army attended camps in the country at various places as under :-

- |   |   |
|---|---|
| (a) All India Basic Leadership Camps.               | (b) All India Advance Leadership Camps. |
| (c) Rock Climbing Camps.                            | (d) All India Trekking Expedition.      |
| (e) Annual Training Camps.                          | (f) Republic Day Camps.                 |
| (g) National Integration Camps.                     | (h) Thal Sainik Camp.                   |
| (j) Personality Development (SSB) Screening Course. | (k) Army Attachment.                    |
| (l) Boat Pulling/Sailing                            | (m) Ship Modeling                       |
| (n) Gliding   | (o) Flying                              |
| (p) Aero Modelling                                  |   |

### 3. CHIEF MINISTER SCHOLARSHIP

Following cadets of M S University Baroda were awarded Chief Minister Scholarship @ Rs. 50/- P.M. for the year 2007-2008 :-

- |                                      |   |                                     |
|--------------------------------------|---|-------------------------------------|
| (a) Cdt Udavat Govardhan Prem Singh  | - | Faculty of Commerce                 |
| (b) SUO Choudhary Ishwar Nathu Singh | - | Faculty of Arts                     |
| (e) JUO Jani Pooja P                 | - | Polytechnic College                 |
| (f) SUO Joshi Vaishali S             | - | Polytechnic College                 |
| (g) Sgt Akhil Chakravarthy           | - | Faculty of Technology & Engineering |
| (h) Cdt Sagar Nihalchandani          | - | Faculty of Technology & Engineering |
| (j) CWO Hetashvi Patel               | - | Faculty of Science                  |
| (k) Cdt Supriya Sain                 | - | Faculty of Technology & Engineering |

### 4. SAHARA SCHOLARSHIP

Following cadets of The M S University of Baroda were awarded Sahara Scholarship @ Rs,12000/- for the year 2007-2008 :-

- |  |   |                       |
|--|---|-----------------------|
| (a) Cdt Prajapati Jitesh Dineshbhai          | - | Faculty of Commerce   |
| (b) Cdt Chavda Mahendra Kumar Hirabhai       | - | Faculty of Science    |
| (c) Cdt Randhawa Lakhwindersingh Gurdevsingh | - | Faculty of Commerce   |
| (d) Cdt Prigya Sorout                        | - | Faculty of Technology |
| (e) Cdt Ranju Kumari                         | - | Faculty of Commerce   |

### 5. REPUBLIC DAY PARADE

08 Boys and 06 Girls from The M. S. University of Baroda attended the Republic Day Parade 2008 at New Delhi.

Cdt Pragya Mehra (Faculty of Arts) of 2 Gujarat Naval Unit NCC Baroda secured 2<sup>nd</sup> position in sailing Model during RDC 2007 held at Delhi.

CWO Rashmi Rekha Mahapatra (Faculty of Science) was selected for Youth Exchange programme at Singapore as ambassador of our country during the RD Parade at National level.

## The Maharaja Sayajirao University of Baroda

SUO Chintan Parmar (Faculty of Science) was selected for Youth Exchange programme at Singapore as ambassador of our country during the RD Parade at National level.

### 6. OTHER ACTIVITIES

#### ● ENROLMENT

648 Boy and 196 Girl cadets were enrolled from The M S University of Baroda during 2007-2008.

#### ● GUARD OF HONOUR

The cadets of The M S University of Baroda, Vadodara presented a Guard of Honour to Lord Karan Bilimoria, Member of House of Lords, the United Kingdom Parliament and the Chancellor of Thames Valley University .

#### ● FLAG DAY

On 07 Dec 2007 approximately 316 cadets collected voluntary donation from public and handed over this collection to President Zilla Sainik Parishad of Baroda.

#### ● LOCAL RD CELEBRATION ON JANUARY 26, 2008 AT BARODA

During the celebration, Hon. Vice-Chancellor, The M. S. University of Baroda, took the salute. Cadets from The M. S. University of Baroda participated in the city RD parade.

134 cadets of The M. S. University of Baroda participated in National Level camps .

Cadets of The M S University of Baroda attended "At Home" function at Raj Bhawan, Gandhinagar on 03 Feb 2008, on return from Delhi after completion of Republic Day Camp 2008.

#### ● KUMAR SURENDRA SINGH MEMORIAL CHAMPIONSHIP AT NEW DELHI

Following cadets participated in Kumar Surendra Singh Memorial Championship at New Delhi (National level) and obtained the positions as mentioned against each :-

- |                         |   |                              |
|-------------------------|---|------------------------------|
| (a) JUO Ketan Prajapati | - | Participated in above event. |
| (b) Cdt Anju Sharma     | - | won Bronze Medal             |

#### ● 51<sup>TH</sup> NATIONAL SHOOTING CHAMPIONSHIP

Following cadets qualified for 51<sup>st</sup> National Shooting Championship :-

- |                         |                     |
|-------------------------|---------------------|
| (a) JUO Ketan Prajapati | (b) Cdt Anju Sharma |
|-------------------------|---------------------|

## 21E. National Service Scheme

### INTRODUCTION

Engaging the adolescents in meaningful activities that shall further the process of their integration with society has become need of the time today. The contemporary scenario of involvement of adolescents / youth in undesirable activities is a matter of concern for all. In the given condition it appears that there is apathy for constructive work and unawareness on the part of youth for the available opportunities. The situation, therefore, demands for some activity where these questions can be answered in an integrated manner.

There are number of voluntary and governmental agencies who are very active on the front of involving youth in different activities. The attempts are being made to groom the youth section to become responsible citizens of India. As a matter of fact the focus towards these adolescents has been as the "Human Resource" having potential which can be enriched further with various inputs.

Youth as a resource received good attention from the planners of our country. The whole ministry of Human Resource Development is constantly thinking to enhance HRD function at all levels. The Ministry has various departments among which Department of Youth Affairs & Sports is one which caters to the developmental needs of youth in our country. The

department runs two kinds of programmes i.e. National Service Scheme (NSS) and Nehru Yuva Kendra (NYK). The NSS, which celebrated its Silver Jubilee in 1993-94 has now enrolled about 12 lakhs students all over the country including University and Higher Secondary School students. NSS has now taken a form of movement through which teachers and students are involved jointly for their effective participation in developmental work as well as for making education socially relevant. Therefore, NSS is described as the programme for personality development through community service.

The NSS aims at helping the students to :

- (1) Understand the community in which they work
- (2) Understand themselves in relation to their community
- (3) Identify the needs and problems in the community and finding their solutions, in which they can be involved
- (4) Develop among themselves a sense of social and civic responsibility
- (5) Apply their education in finding practical solutions to individual and community problems
- (6) Develop competence required for group living and sharing responsibilities
- (7) Gain skills in mobilising community participation
- (8) Acquire leadership qualities and democratic attitudes
- (9) Develop capacity to meet emergencies and natural disasters
- (10) Practice national integration

NSS, thus, provides unique opportunities to the students, to learn through experience to inculcate habit of involvement and realise their self potential.

### ENVIRONMENT CAMPAIGN

Sr. No	Dates	Type of Activity	Place
1	11 May 2007 to 21 May 2007	Camp	Patod village
2	12 May 2007 – 22 May 2007	Camp	Limda village
3	15 <sup>th</sup> Nov 2007 – 25 Nov 2007	Camp	Ankol village
4.	28 <sup>th</sup> Oct 2007 onwards	Camp	NTPC Karjan
5.	22 <sup>nd</sup> Dec.2007 onwards	Camp	NTPC Hajira

Regular activities of NSS begin with opening of the colleges after the admission work is completed in the University. The work began from last week of June onwards. Before initiating regular activities a group of senior volunteers was specially trained to undertake enrolment campaign and lead the regular activities during the year and enrolled 1252 students from different faculties/ institutions of the University.

Enrolment Campaign is organised Faculty-wise to inform the student on NSS. At two major faculties i.e. Faculty of Commerce and Arts, two special counters are opened near place of admission work to provide ready information on NSS to all the new students. The senior volunteers organised a display of posters depicting NSS activities and arranged exhibition of action photograph of NSS activities to enable new students visualise the activities of NSS. The senior students having proper orientation and experience could handle the whole campaign independently.

During the year, the campaign began in July-August from Faculty of Arts and Commerce, where a group of 30 trained volunteers worked for a fortnight, followed by programme in the Faculty of Science. The volunteers could confidently work with great enthusiasm. The parents of new students were more happy to know about NSS and its activities and guided children to opt for NSS.

After having conducted successful enrolment campaign during the month of July and continued thereafter, students were enrolled from different faculties.

### SPECIAL PROGRAMMES UNDERTAKEN DURING THE YEAR

#### A. Special Camping Programme

#### B. Regular Activities

This year we have organised and participated in the following regular activities

Junior MSW students – NSS orientation, Flag Hosting – Independence Day Celebration at Union Pavilion, Tree Plantation by NSS at University Campus, Kavi Sammelan – NSS Volunteers, School NSS Program Officers (55) Meeting at T.R.Patel Vidyalaya Vadodara, All diploma students NSS orientation, Orientation week at Faculty of Arts and Faculty of

## The Maharaja Sayajirao University of Baroda

---

Commerce, Students of Kerala School of Social Work visit of NSS and NSS students planning committee meetings etc.

### **C. Special Campaign for Public Awareness**

1. Youth Week Celebration – Youth Campaign – Total Personality Development
2. Gandhi Jayanti Saptah – Peace and Youth
3. Womens' Week – Save the Girl Child
4. Aids Awareness
5. Youth and Environment
6. Youth and Nirmal Gujarat

In Special campaign program large number of NSS volunteers have participated very actively and gave messages to the public.

## **21F. Students Common Room**

There are three Common Rooms for University students. Two rooms are on the campus-one for boy students and the other for girl students. The third room generally known as Non-Resident Students' Centre is near the Faculty of Technology and Engineering. The Women Students' Common Room and the Non-Resident Students' Centre were built with financial assistance from the University Grants Commission and the State Government.

A cafeteria is attached to each of the three Common Rooms. There are facilities for indoor games such as carrom, draught, chess, table tennis etc., and for reading news-papers, periodicals and books. Committee consisting of the members of the teaching staff look after the upkeep and arrangement of the rooms. The rooms are also used for meeting of Student's Associations, Socials, Indoor Games and Tournaments.

## **21G. Unions/Associations**

### **Names of Recognised Unions/Associations**

- (i) **Teaching**
  - Baroda University Teachers Association (BUTA)
- (ii) **Non-Teaching**
  - Baroda University Staff Association (BUSA)
  - The M. S. University Employees Mazdoor Sabha
  - Gujarat Rajya Pachhatwarg Baxi Panch Karmachari Mandal
  - Staff Union of Non-Teaching (SUN) (Affiliated with Bhartiya Mazdoor Sabha)

## 22. Construction Division

Sr. No.	Name of Work	Estimated cost of work Rs, in lacs.	Budget Head	Date of Completion
1.	Extension to Faculty of Education and Psychology Building	9.00	U.G.C. Xth plan	August 2007
2.	Repairs and renovation to Guest House	25.00	University Funds	December 2008
3	Construction of hall for Foods and Nutrition Department	7.50	U.G.C. D.S.A.	October 2007
4	Development of Convocation Ground	30.00	Donation and Uni. Funds	September 2007
5	Executive wing including Vice Chancellor, Pro Vice Chancellor and Registrar office.	40.00	U.G.C. 112.28 lacs & Uni Funds	February 2008
6	Water proofing works	10.00	University Funds	2007-2008
7	Rewiring	5.00	University and Other Funds	2007-2008
8	Toilet Block Renovation	25.00	University and Other Funds	2007-2008
9	Extension to Home Science Faculty Building	10.00	U.G.C. Xth Plan	December 2007
10	Extension to Polytechnic Building	17.00	University Funds	December 2007
11	Maintenance works	34.00	O.R. Grant	2007-2008
12	Water supply and misc. excluding water proofing	50.00		
13	Fixing G.I. Sheets at Department of Architecture	3=00	Water supply & misc.	August 2007
14	Extension to F & N Department	8=00	U.G.C S.A.P	May 2007
15	Covering O.T.S. at H.M. Library	7=50	U.G.C. Xth plan	May 2007
16	Renovation to H.D.F.S. Department	15=00	U.G.C. D.S.A.	August 2007
17	Purchase of Ceiling Fans	4=00	U.G.C. Block grant	August 2007
18	Replacing choked water supply pipe line and pipe line coming in way of Bhasha Bawan	4=00	Water supply and misc.	May 2007
19	Faculty of Education Open Air Theatre	4=00	U.G.C. Block Grant	January 2008
20	Special repairs at Faculty of Education and Psychology.	5=00	U.G.C. Block Grant	January 2008
21	Replacing G.I. sheets in class iv qtr.	5=50	U.G.C. Block Grant	January 2008
22	Special Repairs	40.00	University Fund	Work in Progress
23	Works out of P.M.C.	40.00	U.G.C. grant	Work in Progress
24	Special repairs at Foods and Nutrition Department	10.00	U.G.C. grant	January 2008
25	Special repairs at Microbiology Department	10.00	University Grant	January 2008
26	Annual Convocation	8.00	University Grant	September 2008
27	Community Hall at Polytechnic	5.00	M.L.A. Grant	January 2008
28	Garden Contingency Grant	0.80	University Grant	2007-2008
	<b>TOTAL</b>	<b>432.30</b>		

## 23. Shrimati Hansa Mehta Library

### 1. INTRODUCTION

Smt. Hansa Mehta Library is the centralized University Library System. It is the first Library in the State to provide Wi-Fi facility to its clientele. It caters to the educational needs of academic fraternity of The Maharaja Sayajirao University of Baroda, Universities and Institutes of Higher Learning around Baroda.

- An awareness Programme on E-Resources available through UGC Infonet Consortium was organized jointly with INFLIBNET, Ahmedabad, an IUC of University Grants Commission for Pure Science and Applied Sciences on 29<sup>th</sup> January 2008. This programme was intended to increase the awareness of the e-journals available and others likely to be added in near future. This programme was held at Dr. I. G. Patel Seminar Hall and was inaugurated by Dr. Jagdish Arora, Director, INFLIBNET. Representatives from renowned publishers like Informatics, SpringerLink, Cambridge University Press, American Institute of Physics, American Physical Society, Taylor & Francis, Annual Reviews, Oxford University Press, Blackwell Synergy and SciFinder Scholar enriched the researchers and faculties of our University.
- It is a matter of pride that our University Library is identified as a Document Delivery Centre with 21 Universities from among 150 Universities in the country to provide Inter Library Loan service from Print journals subscribed in University Library System.

### FUTURE PLAN

At present, our University is ranked 26<sup>th</sup> in the country as far as usage of E-Resources is concerned. Efforts to improve this ranking and Digitization of Rare Books Collection, Baroda (State) collection are Intended.

### 2. ACQUISITION

- University Library System added 7572 books and the total book collection stands at 770820 as on 31-3-2008.
- Smt. Hansa Mehta Library added 4012 books and 1780 bound volumes of journals. The total collection now stands at 408945 books + 72538 bound journals = 481483 as on 31st March 2008.
- The Faculty Libraries added 3560 books.

#### Details of Acquisitions made in 2007-2008

Sr. No	Name of the Library/Institution	2006-07	2007-08
1	Smt. Hansa Mehta Library		
	A Books	8192	4012
	B Bound Volumes	339	1780
2	Centre of Advanced Study in Education (CASE).	820	136
3	Faculty of Fine Arts	146	163
4	M.K.Amin Arts & Sc College & College of Commerce, Padra	122	181
5	Faculty of Management Studies	189	243
6	Oriental Institute	163	329
7	Faculty of Performing Arts	511	72
8	Polytechnic	539	573
9	Faculty of Social Work	271	376
10	Baroda Sanskrit Mahavidyalaya (Incl. Book Bank)	47	57
11	Prof. T.K.Gajjar Library, (Faculty of Tech & Engg)	847	1201
12	Water Resources & Management Institute, Samiala	25	8
13	Faculty of Law	435	221
14	Ephemeral literature	195	27
	<b>Total (2-13)</b>	<b>4115</b>	<b>3560</b>
	<b>GRAND TOTAL</b>	<b>12502</b>	<b>7572</b>

**3. GLOBAL INFORMATION AND COMMUNICATION CENTRE**

It started functioning from 5<sup>th</sup> December 2005.

1.	No. of readers made use of E-Resources	1458
2	Income earned from Browsing	Rs.51,307.00
3	Income earned from Printing	Rs.4,970.00
4	CD writing	Rs.1,230.00
<b>Total</b>		<b>Rs.57,507.00</b>

**4. JOURNAL SECTION**

a) 429 journals subscribed at Smt. Hansa Mehta Library as per details given below.

Sr.No	Name of Grant / Institution	No. of Journals
<b>Revenue Grant</b>		
1	University Library(Including E- Databases)	376
<b>Donation in Memory of</b>		
2	Smt. Malvika Patel	1
3	Dr. Ashvinbhai & Dhimatiben Mehta	11
4	Donation from Canara Bank	1
5	Kum. Godavari B. Kher	1
<b>Others</b>		
6	Centre for Research in Planning and Development	1
7	Dept. of Human Development & Family Studies	01
8	News Papers / News Magazines (19 +18)	37
<b>Total</b>		<b>429</b>
<b>b) Total Journals Received</b>		
1	Subscribed	429
2	Gift	115
<b>Total</b>		<b>544</b>
<b>c) Services to Readers</b>		
1	Researchers per day (Average)	75
2	Journals given for photocopying per day (Average)	45
<b>d) Binding and Accessioning</b>		
1	Journals bound during the year	1772
2	Already Bound Journals Received	8
3	Bound Journals Accessioned	1780
		(Accession No. J.70566 - J.72345 = 1780)
<b>e) Electronic Resources Available Across the Campus</b>		
1	E-Journals (Under UGC-Info net & Lib. Subscribed)	19000
2	Free Journals (Open Access Journals)	6085
<b>Total</b>		<b>25085 (Aprox)</b>

# The Maharaja Sayajirao University of Baroda

<b>5. TECHNICAL PROCESSING UNIT</b>		
A) Books Classified and data entered during the year		
1 Books for University Library (Including SSMT Library)		8179
2 Faculty of Technology and Engineering		468
3 Polytechnic		397
4 Faculty of Management Studies		62
5 M K Amin Arts College, Padra		125
6 Faculty of Performing Arts		164
7 Faculty of Social Work		290
8 Faculty of Education and Psychology (CASE)		254
9 Faculty of Fine Arts		135
10 WREMI		28
11 Faculty of Law		166
12 Oriental Institute		306
<b>Total</b>		<b>11046</b>
B) New journals Classified	20	
C) Approximately 40 replaced books were classified and data entered / updated		
D) Approx.2500 books of Baroda Collection were classified and data entered.		
<b>6. STACKS UNIT</b>		
1 Total Number of referred books shelved (Average per Year)		16,70,000
2 Shelving per day (Average)		4,718
<b>7. CIRCULATION SECTION</b>		
1 Total Issues for Home reading per year (Approx)		70716
2 Average issues per day		249
3 Inter Library loan: Loaned Out		14
Loaned in		08
<b>8. READING ROOM AND CURRICULAR COLLECTION</b>		
1 New Books received in Curricular Section		506
2 Total issue from curricular section		97135
3 Total visitors in the Reading Room		1091034
4 Average visitors per day		3082
<b>9. REFERENCE SECTION</b>		
1 Reference Sources added		605
2 No. of Theses/ Dissertations added during this year		326
3 Total collection of Theses/ Dissertation		11493
4 General Inquiries attended per day		52-60
5 Number of readers referred reference sources		6394
6 Number of queries solved through E-mail and telephone		58
7 Library users consulted theses and dissertation		2692
• Database of all Theses/Dissertations submitted to this University from its inception are available on OPAC.		
<b>10. LIBRARY REGISTRATION DURING THE YEAR 2007-2008</b>		
1 Permanent Teachers		18
2 Temporary Teachers		123
3 Non-teaching Staff		338
4 Ph.D, JRF, SRF, M.Phil. etc.		238
5 Student Registration (Old & New)		18684
6 Ex Students		150
7 Retired Teachers		11
8 Individual Members		10

9	Corporate Members	22
10	Senate/Syndicate Members	07
11	Visiting Faculty	04
	<b>Total</b>	<b>19605</b>

**11. PARTICIPATION**

- Ms. Jyoti Bhatt, I/c University Librarian participated in the "Best Practices in Library & Information Services" on 11<sup>th</sup> August, 2007 at AMA (Ahmedabad Management Association) , Ahmedabad, a seminar jointly organized by ADINET, INFLIBNET & AMA.
- Ms. Jyoti Bhatt, I/c University Librarian participated in the 9<sup>th</sup> Annual convention of MANLIBNET from 4-6 February 2008 on "Business and Management Librarian: the decade ahead", organized jointly with ICSSR, New Delhi.
- Shri. S. B. Chauhan, Assistant Librarian (ADM), visited Annamalai University, Chidambaram, Tamil Nadu from 13-01-2008 to 19-01-2008 as Manager, The M S University Athletics team to participate for All India Inter University Athletics Championship.

**12. SIR SAYAJIRAO MEMORIAL TRUST LIBRARY**

1	Visitors per day (average)	2140
2	Books issued from curricular per day	235
3	Total issue for home reading	114118
4	Average Books issues per day	271

**14. BRIEF REPORT ON FACULTY LIBRARIES**

**1. Prof. T.K.Gajjar Library**

The Library caters to the needs of 3143 readers of Engineering and Technology including Pharmacy. It has a sizeable collection of 114718 books and 2068 theses & dissertations.

**2. Oriental Institute Library (printed section)**

The Library has a rich & valuable collection of 49839 books, bound periodicals and manuscripts.

**3. Polytechnic Library**

The library caters to students of Diploma courses in Technology and Engineering. It has 1577 Registered Members and a collection of 42282 books.

**4. CASE Library**

The Library caters to B.Ed., M.Ed. students, Ph.D. scholars and researchers etc. Its total collection is 197915 books and approx. 1345 theses & dissertations that are extensively used by Researchers and scholars from across the country.

**5. M.K. Amin Arts and Science College and College of Commerce, Padra Library**

It has 974 registered members and a collection of 15053 books.

**6. Faculty of Social Work Library**

The Library caters to the need of social workers, NGOs and students. It has collection of 14146 books and 1503 dissertations.

**7. Faculty of Fine Arts Library**

The Library caters to the special needs of 312 Students and Faculty Members of Fine Arts and Aesthetics. It has a rich collection of 11504 books on varied Arts.

**8. Faculty of Performing Arts Library**

The Library caters to the needs of students of Degree, Post Degree Courses and Diploma courses in Dance, Drama and Music. It has a collection of 13660 books and 228 registered students.

**9. Faculty of Management Studies Library**

The library has a collection of 5946 books on Management and related subjects. During the year 243 books we added to this collection.

**10. Faculty of Law Library**

The Library caters to the need of 750 Law students with a collection of 9848 books.

## 24. Oriental Institute

### I. INTRODUCTION

His Highness Sir Sayajirao Gaekwad III of Baroda, conceived the idea in 1893 and felt the need for establishing the Oriental Institute which can collect and preserve the ancient treasure of rare Manuscripts and books. He founded the Institute in 1927 and invited scholars from all over the world to edit these ancient works based on Manuscripts under the "Gaekwad's Oriental Series". For educating the common persons, he also started the Translation Branch by donating Rs. 2 lacs, in which important works were translated and published under different "Mala Series" in vernaculars. After the establishment of the M.S.University in 1949, the Oriental Institute became the constituent part of the University. The publications under the "Gaekwad's Oriental Series" and the other "Mala Series" are still being published.

The Oriental Institute has huge treasure of rare, important, illustrated manuscripts (30,140) and books. Right from its inception, the Institute is rich in Manuscripts and books on diverse subjects. Some of the books and manuscripts are unique in their nature, rarely to be found anywhere else. The scholars from all the corners of India and abroad, visit this Institute, consult the manuscripts and books for their research-projects or research-works.

The main activity of the Institute is Research and Publication. The Institute publishes important unpublished works on all subjects related to Oriental Studies in general and Indology in particular.

The publications are carried out under the following Series:

<u>Sr.No.</u>	<u>Name of the Series</u>	<u>No. of Books</u>
1.	Gaekwad's Oriental Series	186
2.	M.S.University Research Series	15
3.	M. S. University Oriental Series	22
4.	M. S. Memorial Lecture Series	11
5.	Shri Sayaji Sahityamala	379
6.	Shri Gramavikasamala	35
7.	Shri Sayaji Balajnanamala	213
8.	Matushri Jamanabai Smarak Granthamala	6
9.	Shri Shishujnanamala	8

### II. POST – GRADUATE TEACHING

As a part of the Co-ordination of the teaching and research at the post-graduate level, some members of the Institute are associated with the Faculty of Arts and Baroda Sanskrit Mahavidyalaya, M.S.University of Baroda. Some of them are recognized guides for Ph.D. also. The subject of Manuscriptology is also taught to Shastri & Acharya students of the Baroda Sanskrit Mahavidyalaya.

### 3. (B) RESEARCH PROJECTS CONTINUED FROM PREVIOUS YEAR

<u>Sr. No.</u>	<u>Name (s)</u>	<u>Title</u>	<u>Date of Award</u>	<u>Funding Agency</u>	<u>Grants in Rupees</u>
1.	Joshi, P. H., Pandya B. P., Wadekar, M. L.	Janardana's Commentary on the Meghaduta of Kalidasa	2007	Oriental Institute Baroda	2,000,00
2.	Brahmachari, U. M., Prajapati, S. C.	An Alphabetical List of Manuscripts in the Oriental Institute, Vol.IV, Vadodara	2005	Oriental Institute Baroda	2,000,00

### 4. (A) BOOKS & EDITED VOLUMES PUBLISHED

<u>Sr. No.</u>	<u>Author(s)/ Editor(s)</u>	<u>Title</u>	<u>Name of Publisher, Year &amp; Place of Publication</u>
1.	Wadekar, M. L.	Aspects of Manuscript Studies	Bharatiya Kala Prakashan, January 2008, New Delhi
2.	Umrethiya, J.K.	Svadyayasuci	Oriental Institute, M.S.University of Baroda, April 2007, Vadodara

(C) PUBLISHED ARTICLES /PAPERS IN JOURNAL(S) / EDITED VOLUMES

Sr. No.	Author(s)	Title	Name of Journal, Volume Number, Page Numbers, Month and Year
1.	Wadekar, M. L.	Works Attributed to Kalidasa (with reference to two Sarasvatistotras)	Journal of Oriental Institute, Baroda Vol. 55, Nos. 1-4, pp.31-40, May 2007
		Some Aspects of Vastushastra Reflected in the Vedas	Journal of Oriental Institute, Baroda, Vol.56, Nos. 1-4, pp.1-10, March 2008
		Ramayanana Ketalaka Prasangono Samikshita Avrutina Sandarbham Vicara	Svadhya, Oriental Institute, Baroda, Vol.41, Nos. 1-4, pp.19-103, April 2007
		Some Aspects of Microbiology Reflected in the Atharvaveda	Bharatiya Bauddhika Sampada, Vol.34, pp.13-17, February 2008
		The Rare Manuscript of Jharu Pandita's Commentary on Kumarasambhavam	Contribution of Jains to Sanskrit & Prakrit Literature, K.R. Chandra Felicitation Volume, Ahmedabad, pp. 21-24, January 2008
2.	Brahmachari, U. M.	Select contents of Oriental Journals	Journal of the Oriental Institute Baroda, Vol.55, Nos.1-4, pp. 115-121, May 2007
		Sanskrutinagari Vadodarano Kalavaraso: Ketalik Sachitra Hastaprato	Samipya, Vol.XXIV, 1-2, pp.103-109, September 2007
		Rigvedana Samvadasukto (10.86)	Vedasandesa, 6/10, pp.3-4, April 2007
		Rigvedana Samvadasukto (10.95)	Vedasandesa, 6/10, pp.2-3, May 2007
		Rigvedana Samvadasukto (10.106,167)	Vedasandesa, 7/1, p.3, July 2007
		Rigvedana Samvadasukto (1.165)	Vedasandesa, 7/2, p.3, August 2007
		Rigvedana Samvadasukto (1.170,179)	Vedasandesa, 7/3, pp. 2-3, September 2007
		Rigvedana Samvadasukto (4.18)	Vedasandesa, 7/4, pp. 3-4, October 2007
		Rigvedana Samvadasukto (4.42,7.33)	Vedasandesa, 7/5, pp. 10-11, November 2007
		Rigvedana Samvadasukto (8.100)	Vedasandesa, 7/6, pp. 3-4, December 2007
		Rigvedana Samvadasukto (3.33)	Vedasandesa, 7/7, p. 3, January 2007
		Rigvedana Aprisukto (Part I)	Vedasandesa, 7/8, pp. 19-20, February 2008
		Rigvedana Aprisukto (Part II)	Vedasandesa, 7/9, pp. 19-20, March 2008
		Dharmik Granthoma Vastuna Sandarbha (Gujarati Translation )	Svadhya, Oriental Institute, Baroda Vol.42, Nos. 1-4, pp.85-90, March 2008
3.	Prajapati, S. C.	Concept of Abhasa in Sanskrit Poetics	Studia Indologica, pp.249-257, December 2007
		Maharsi Aravindakruta Bhavanibharati ka Rasasaundarya	Druk, Allahabad, Vol. XVII, pp.74-80, February 2008
		Raghudevakruta Laukikavisayatavicara	Vishveshvarananda Indological Journal, Panjab University, Hoshiarpur, Vols.XLIII-XLIV, pp.203-213, September 2007
		Hariharakruta Prabhavatiparinaya ka Samiksatomaka Adhyayana	Journal of Ganganath Jha Vidyapith, Allahabad, Vol. LX-LXI, pp.119-132, December 2007
		Prabhavati-Pradyumna-Natakam An Unpublished Sanskrit Play	Journal of the Oriental Institute, M.S.University, Baroda, Vol.55, Nos. 1-4, pp.51-61, May 2007

## The Maharaja Sayajirao University of Baroda

4. Umrethiya, J. K. Kristubhagavatam: A Sanskrit Epic on the Life of Jesus Christ  
Hastaprataparicaya: Sudasaheliprabandha  
Sthapatyama Pracina Pratiko  
Journal of the Oriental Institute Vol.56, Nos. 1-4, pp.145-186, March 2008  
Farbas Gujarati Sabha Traimasik, Mumbai, Vol. 72, No. 2, pp. 91-98, June 2007  
Svadhyaaya, Oriental Institute, Baroda, Vol.41, Nos.1-4, pp.83-90, April 2007
5. Pandey, R. N. The concept of Karma in Buddhism: A New Perspective  
Sambodhi, L.D.Institute of Indology, Ahmedabad, Vol.30, pp.60-82, December 2007

### 5. (A) PAPERS PRESENTED AT INTERNATIONAL SEMINARS / CONFERENCES

Sr. No.	Author(s)	Theme, Organizing Body, Place and Date of Seminar / Conference	Title of the Paper
1.	Wadekar, M. L.	International Sanskrit Conference Sambhavi Vidyapeeth & Amroli College, Surat, December 20-22, 2007	Vedesu Nisargacikitsashastram Chaired Sessions
2.	Wakankar, S. Y.	International Cousine Conference, Indology, Goa, at Panji, September 3-6, 2007 International Sanskrit Conference, Kalidasa Sanskrit University, Nagpur, October 7-9, 2007	Indigenous Science of cooking Pakashastra or Sudashastra Chaired two sessions Some Rare Manuscripts from Nagpur University Library

### 5. (B) PAPERS PRESENTED AT NATIONAL / STATE LEVEL SEMINARS/CONFERENCES

Sr. No.	Author(s)	Theme, Organizing Body, Place and Date of Seminar / Conference	Title of the Paper
1.	Wadekar, M.L.	Bruhanmaharashtra Prachyavidya Parishad, Department of Sanskrit, University of Bombay, Mumbai VII Session, May 4-6, 2007 Kautilya Arthashastra in the Modern Perspective, N.S. Patel College, Anand, March 2, 2008	Some Aspects of Vastushastra Reflected in Vedas Some Miraculous Experiments From Kautilya's Arthashastra Presided over one session
2.	Wakankar, S. Y.	Bruhanmaharashtra Prachyavidya Parishad, Department of Sanskrit University of Bombay, Mumbai VII Session, May 4-6, 2007 National Seminar, Shri B.K.Patel Arts & Commerce College, Savali, February 2-3, 2008 National Seminar on "Contribution of Maharashtra to Sanskrit Literature", Centre of Advanced Study in Sanskrit, Pune University, March 26-29, 2008	Some Rare Manuscripts from the Bombay University Library Games in Sanskrit Literature Maharashtrian Sanskrit scholars from Baroda
3.	Brahmachari, U. M.	National Seminar on "Indian Dalit Literature", Anand Arts College March 8-9, 2008	Dalit ki Vibhavana Sanskrit Sahitya ke Sandarbha me
4.	Prajapati, S. C.	Seminar on "Sanskrit Sahitya ma Samajik Chetana" Shri H.K.Arts College, Ahmedabad, March 26, 2008	Sanskrit Kathasahitya ma Samajik Chetana

5. Umrethiya, J. K. National Seminar on "Bharatiya Dalita Sahitya", Anand Arts College Anand, March 8-9, 2008 Mohan Paramar Kruta Tunki Varta Bhramana : Rupakano Samyak Viniyoga
6. Pandey, R. N. National Seminar on "Sanskrit Sahitya me Vijnana, Aditi College, University of Delhi, September 27, 2007 Kalidasa ke Sahitya me Vijnana
- Annual Conference on Buddhism, Kalidasa Sanskrit Academy, Ujjain, October 5-7, 2007 The Concept of Avidya in Buddhism
- National Seminar on Jain Philosophy & Science, Udaipur, October 27-28, 2007 Jain darsana evam vijnana me pratipadita akasa evam kala ki vivecana

6. TALKS OF ACADEMIC NATURE IN PROFESSIONAL PROGRAMMES

Sr. No.	Name (s)	Nature of Professional Programmes	Title	Participated as
1.	Wadekar, M. L.	Lecture at Baroda Sanskrit Mahavidyalaya, April 30, 2007	Uttararamacarita	Invitee
		Lectures at L.D. Institute, Ahmedabad May 19-20, 2007	Manuscriptology	Resource Person
		Lecture at Dept. of Sanskrit, Sardar Patel Uni., Vallabhvidyanagar, August 2, 2007	Philosophy of Shankaracarya	Invitee
		Lectures at Refresher Course, Academic Staff College, Ahmedabad, November 28, 2008	Purnashastra- its importance Dharmashastra- its importance	Resource Person
2.	Wakankar, S. Y.	Advanced Course in Manuscriptology, L.D.Institute Ahmedabad, May 17-18, 2007	Manuscriptology	Resource Person
		Department of Sanskrit & Prakrit Pune University, September 28, 2007	Manuscriptology	Pilot Lecturer
		Workshop on Manuscriptology & Palaeography, Dept. of Sanskrit & Prakrit, Pune University December 17-20, 2007	Manuscriptology, Games & Critical Edition of Valmiki Ramayana	Invited speaker
3.	Umrethiya, J. K.	Purvaseva Talima Varga, Pradesika Talima Kendra, Sardar Patel Rajyavahivata Samstha, Vadodara, June-July 2007	Gujarati Vyakarana	Invited Speaker

8. PARTICIPATION IN ACADEMIC BODIES OF OTHER UNIVERSITIES

Sr. No.	Name (s)	Academic body of Universities / Institutions and Place	Participated as
1.	Wadekar, M. L.	Research Committee, Sardar Patel Univ., Vallabhvidyanagar,	Member
		Board of studies in Sanskrit, Veer Narmad South Gujarat University, Surat	Member
2.	Prajapati, S. C.	Board of Studies, Ancient Indian Culture, Veer Narmad South Gujarat University, Surat	Member

# The Maharaja Sayajirao University of Baroda

## 10. STATE / NATIONAL / INTERNATIONAL AWARDS AND DISTINCTION OF ACADEMIC NATURE

Sr. No.	Name (s) of Recipient(s)	Description of Award	Contribution made by the Recipient
1.	Wakankar, S. Y.	Springer Research Scholarship for Sanskrit, Bombay University, Mumbai	Critical edition of Sahityamanjusa of Daji Jyotirvid
2.	Prajapati, S. C.	Akhila Bharatiya Sanskrit Laghukatha Purashkar, Delhi Sanskrit Academy, 2007	For Short Story 'Tavatra Kim'

## 13. ADDITIONAL FACILITIES CREATED IN TERMS OF

### (A) NEW EQUIPMENT

- Digital Still-Camera
- Computers

## III. MANUSCRIPT SECTION

This Section has a collection of manuscripts in Sanskrit, Prakrit, Pali, Apabhramsha and other languages including a few in Persian and Arabic. Total 06 Manuscripts were added during the year. Thus the total number of Manuscripts stands at 30140. This year nearly 30 scholars have visited the institute and C.D. of 21 Manuscripts are supplied to the scholars. Besides local and Indian visitors from various parts, some foreign scholars - Dr. Yunka Ishii, University of Tokyo, Japan, Yohei Kawajiri, Japan, Dr.Piotar Balce, Warsaw University, Poland, Richard F.Young, Princeton, visited the Institute during the year.

## IV. THE PRINTED SECTION

The Institute has a well – equipped library having collection of 49839 books and periodicals.

### (A) Books

- (1) Recurring University Grant of Rs. 60,000/-for the purchase of books & periodicals of the Institute.
- (2) Recurring University Grant of Rs.11,000/- for the purchase of books for Visnupurana project.
- (3) The Institute- Library has spent Rs. 70,076/- towards the purchase of books from the recurring University Grant.
- (4) We have received 186 books as gift from different sources.

### (B) Noteworthy titles

- (1) Shiva and Shakti in Indian Mythology by Ghosh M.
- (2) Indian Languages and Texts through the Ages by Dezso, C.
- (3) Nyayacandrika by Nair, C.
- (4) The Complete Works of Kalidasa, Vols I & II, by Chandra Rajan
- (5) Encyclopedia of Vedic Philosophy by Sharma P.
- (6) Encyclopedia of Oriental Thoughts by Kumar S.
- (7) Suvarnavdipa, Vol.I & II by Majumdar R.
- (8) Shrustikara Vishvakarma ka Itihasa by Madhukar G.
- (9) A History of Indian Philosophy Vols. 1 to 5 by Dasgupta S.
- (10) Essays on the Mahabharata by Sharma A.

### (C) Journal

We are receiving 130 journals in exchange of "Journal of the Oriental Institute" and "Svadyaya". A few of them are also received by way of gift. The Institute is subscribing to only one journal "MARG".

**(D) Collection of Books & Periodicals**

	Nos.	Total cost
Books Including Bound Periodicals		
(1) Collection of Books at the beginning of the year	49,168	13, 90,918= 55
(2) No. of Books purchased	143	70,076=00
(3) No. of Books received as gift	186	—
(4) No. of bound periodicals added during the year	—	00 = 00
(5) No. remaining at the end of the year	49,497	14,60,994 = 55

- (E) (1) The timing of the library is from 10.30 a.m. to 6.10 p.m. Sunday & second & fourth Saturdays are holidays.  
 (2) The daily number of readers visiting the library = 7  
 (3) Total no. of books issued per day = 4  
 (4) Average no. of books issued per reader in the year = 50

**V. PUBLICATION**

**(A) Volume Publication by Institute**

Sr.	Name of the Journal	Name of the the Editor	Period of Publication
1.	Journal of the Oriental Institute (In English)	Wadekar M.L.	Quarterly, Vol.55, Nos 1-4, (Sept.2005- June 2006) Pub. in May 2007
2.	Journal of the Oriental Institute (In English)	Wadekar M.L.	Quarterly, Vol.56, Nos 1-4, (Sept.2006- June 2007) Pub. in March 2008
3.	Svadhyaaya (In Gujarati)	Wadekar M.L.	Quarterly, Vol.41, Nos.1-4 (Jan –Nov. 2004) Pub. in April 2007
4.	Svadhyaaya (In Gujarati)	Wadekar M.L.	Quarterly, Vol.42, Nos.1-4 (Feb –Nov. 2005) Pub. in February 2008

**(B) Gaekwad's Oriental Series**

1. **Krutyakalpataru of Lakshmidhara (Shantikanda, Vol.XIII) (No.185)**  
 (In Binding Process)  
 Critical Edition by Mukund Lalji Wadekar
2. **An Alphabetical List of Manuscripts in the Oriental Institute, Vadodara, Vol. IV (No.186)**  
 (In Bidning Process)  
 Compiled & Edited By Usha Brahmachari & Sweta Prajapati

**(C) M.S.University Oriental Series (No.22)**

**Two Lectures on The Valmiki Ramayana**  
 By Robert P. Goldman

**(D) Translation Branch: Shri Sayaji Sahityamala (No. 379)**

Svadhyaayasuci, Edit. By J. K. Umrethiya, April 2007

**(E) Other Publications**

**The Valmiki Ramayana, Critical Edition, Ayodhyakanda, Vol.II (Reprint)**  
 (In Binding Process)  
 Edited by P. L.Vaidya

## VI. CRITICAL EDITIONS WING

### (1) Markandeyapurana :

The D. T. P. work of the Critical Edition of the Markandeyapurana is nearing completion. The proof-reading of the same is in its final stage. The introduction of the Critical edition is being finalized. The concordance for all adhyayas is ready.

### (2) Vayupurana :

The collation work of the Manuscripts – Newari N1, Bengali B2 and Devanagari D9, D11, D12 is complete. The description of all these completed Manuscripts is written. The collation of Devanagari Manuscripts – D13, D14, D15 and Newari Manuscript – N2 is in progress.

### (3) Vahnipurana

Checking of the vulgate for about 186 Adhyayas and writing of the vulgate for 42 Adhyayas is ready. Collation of the V1, V2, V3 of the Manuscript of the Vahnipurana upto Adhyayas 31,8 and 8 respectively, is ready.

### Report on the Tour to Patana and Darbhanga, Bihar

Prof. Dr. M. L. Wadekar and Dr. Ramanath Pandey went for a tour to Patna and Darbhanga during 2-13 January 2008 for the verification of manuscripts and purchase of Xerox-copies of Vayupurana. They visited the following important Institutes and libraries of Patna and Darbhanga, carefully went through their catalogues/lists of manuscripts and noted down titles and other details of their manuscripts.

1. The K.P. Jayaswal Research Institute, Patna
2. The Bihar Research Society, Patna
3. The Patna Museum
4. Bihar Rastrabhasa Parisad, Patna
5. The Khuda Baksha Library, Patna
6. The Mithila Research Institute, Darbhanga
7. The Kameshwar Singh Sanskrit University Library, Darbhanga
8. Candradhari Singh Museum, Darbhanga

It was found that all these Institutes/Libraries have thousands of manuscripts on diverse subjects. The Mithila Research Institute, Darbhanga also has one important manuscript of Vayupurana. The tour was successful in getting the idea about the ongoing research activities of these Institutes. The treasure of manuscripts lying in these areas, was also noticed. However, with the permission of Bihar Government, further process will be followed for acquiring the Xerox-copies of the required manuscripts.

## VII. HIGHLIGHTS OF THE INSTITUTE

1. Under the auspices of the Late Dr. U.P. Shah Memorial Lecture Series, Dr. Sridhar Andhare, Former-Honorary Director, The Lalbhai Dalpatbhai Museum, Ahmedabad was invited to deliver two lectures on – Jain Monumental Paintings (with Slide Presentation) on 7<sup>th</sup> and 8<sup>th</sup> February, 2008. Dr. Dipak Kannal, Dean, Faculty of Fine Arts, M.S.University of Baroda, presided over the First Lecture of the Series. Dr. Anil S. Kane, Ex-Vice-Chancellor, the M. S. University of Baroda, presided over both the lectures of the Series.
2. The Lecture of Shri Chandrashekhar Anant Athavale from Varadananda Pratisthan, Pandharpur was held on 29<sup>th</sup> December 2007. The scholar delivered lecture on 'Ancient Indian Scientific Heritage- In Modern Context' (with Slide presentation). Prof. S.M.Joshi, The Pro-Vice-Chancellor, M.S.University of Baroda presided over the function.

## 25. The M.S. University of Baroda Press

### PRINTING ACTIVITIES

During the year 642 question papers were printed and 4636 question papers xeroxed (including 930 DTP Xerox) and other question papers of open test were undertaken under conditions of secrecy for the University Examination. Main Answer Book of the University Examinations and Test Answer Books of different Faculties and Institutions were also printed by the press. The Press also printed Senate Proceedings, Minutes of the Syndicate, details of Establishment, Annual Accounts, Budget Estimates, Questionnaires, Magazines, Pamphlets, Certificates, General Forms, Prospectus, Admission Forms, Examination Forms, Letter heads, Receipt Books, and different kinds of job works of the different Faculties and Institutions of the University. The University Press works purely as a service department of the University since April, 1967.

The following is the list of books printed by the Press during the year :

Name of the Book	Publishers
1. Vālmīki Rāmāyaṇa Critical Edition Vol. II	Oriental Institute
2. Nāṭyaśāstra (Vol. IV)	Oriental Institute
3. Technology Integrated Education	CASE
4. Research in Education	CASE
5. विद्वन्नीतिनुं विषयपरिशीलन	Oriental Institute
6. Studies in Museology	Faculty of Fine Arts
7. Nirukta	Faculty of Fine Arts
8. Assessment of Nutritional Status	Department of Foods & Nutrition
9. Revisiting Social Work in The Field Health	Faculty of Social Work

In addition, the press also printed MSU Diary, MSU Calendar, other publications of different faculties and departments and WSRC News letter.

### THE FOLLOWING JOURNALS WERE PRINTED DURING THE YEAR

1. Journal of the Oriental Institute
2. Swadhyaya
3. Itivrut
4. Souvenir of different conferences
5. Maadhyam
6. Social Work Review.

### UNIVERSITY STATIONERY UNIT

The Unit is a service department of the University. The Unit acquires and distributes stationery every quarter to all the Faculties and Institutions and University Office.

## 26. The M.S. University Union

### 1. INTRODUCTION

The M.S. University Union is a body of the students and teachers to promote academics, social interaction, sports and cultural interests amongst the students of The M.S. University of Baroda.

The Union Executive Committee for the year of 2007-2008 consisted of the following:

President	Dr. P.M.Shah
Treasurer	Dr. Deepak Rathod
Vice-President	Sarvaiya Hiralba Jasvantsinh
General Secretary	Prajapati Rupesh Chimanbhai

#### Portfolios of Faculty Representatives :

Films	Patel Urvashiben Jagdishbhai Tomar Raghuvirsinh Jiledarsinh Patel Jaimin Ajaybhai
Indoor Game	Patel Sanket Prakashbhai Patel Abhishek Prafulbhai Patel Kavita Ashokkumar
Hiking	Das Pankaj Kanti (Pankaj) Shah Ashish Rajeshkumar Sharma Maheshkumar Shankarlal
Badminton	Surve Bhavesh Vijayrao Shah Jonish Sureshkumar Jadeja Yogdipsinh Manoharsinh
Entertainment	Zala Virbhadrasingh Hareshchandrasinh Shaikh Mohsin Abdulrafiq Rajput Pratik Keshavsinh
Public Relations	Ahuwalia Shreya Mahendrapal Singh Gohil Harshal Jagdishbhai Saiyad Sohil Mahmadbhai
Emester	Patel Priteshkumar Surendrabhai
Campus Beautification	Barkana Priyanka Dileep Singh Vegda Chandrakant Chhaganbhai Gupta Sourabh Kamal
Debates& U.N.O.	Shendurnikar Nidhi Niranjan Gaekwad Raviraj Krishnarao

#### NOMINATION OF FACULTY REPRESENTATIVES

This year Syndicate and the Patron of the University nominated eight Executive Members of Various Faculties as per ordinance. They are as below.

1. Rajan Jayeshkumar Pujara	- NCC Cadet
1. Miss Prinyanka Baloni	- academically Meritorious P.G. Student
2. Dr. Dipyan Nandi	- Academically Meritorious P.G. Student
3. Mr. Berawala Ankit	- Academically Meritorious P.G. Student
4. Miss Neha Amit Thathakji	- Academically Meritorious P.G. Student
5. Shri Mehul V Lakhani	- Other Than Students (Senate Member)
6. Shri Jignesh V. Shah	- Other Than Students (Senate Member)

7. Dr. Prakash Shah – Syndicate Member
8. Shri Mukesh Panya – Syndicate Member

**I. MEMBERS IN UNIVERSITY BOARD OF SPORTS:**

- 1) Dr. P.M.Shah - President
- 2) Ms Hiralba Jasvantsinh Sarvaiya - Vice-President
- 3) Shri Rupesh Chimanbhai Prajapati - General - Secretary

- II. The General elections of The M. S. University Union were held on 12<sup>th</sup> September 2007. The President under O.126 assigned different posts to the secretaries according to their choice and merit. The First meeting of the Executive Committee was conveyed by the President on 20<sup>th</sup> September 2007 and the budget meeting was held on 3<sup>rd</sup> October 2007. The Treasurer Dr. Deepak Rathod presented the budget for the year 2007-2008 and the Executive Committee unanimously approved the budget.
- III. This year The M.S. University Union organized Youth Festival from 26th January to 5<sup>th</sup> February 2008 under the convenership of Shri Kalpesh Naik.

APPENDICES  
I to XXVII

<i>Appendices</i>	<i>Particulars</i>	<i>Page</i>
I	Number of Students Enrolled in various Courses during the year 2007-2008 .....	1
II	Statement showing percentage of Male and Female students in different Faculties/Institutions .....	10
III	Statement showing percentage of students in different Faculties/Institutions during the last five years .....	11
IV	Resident Students in various Halls of Residence during the year 2007-2008 .....	12
V	Number of Students enrolled in various courses during the last five years .....	13
VI	Statement showing the Non-University Students during the year 2007-2008 .....	13
VII	SC/ST/SEBC Students in the University during the year 2007-2008 .....	14
VIII	Number of Differentially abled Students during the year 2007-2008 .....	15
IX	Number of Foreign Students during the year 2007-2008 .....	15
X	Result of the University Examinations for the First Half of 2007 .....	16
XI	Result of the University Examinations for the Second Half of 2007 .....	23
XII	List of Degree/Diploma Conferred at Fifty Sixth Annual Convocation held on 29-09-2007 .....	28
XIII	Gold Medals Awarded for the Year 2007-2008 .....	30
XIV	List of Students Awarded Ph.D. Degree in the year 2007-2008 .....	37
XV	Statement showing the Number of Faculty Members as on 31st March 2008 .....	45
XVI	Statement showing the Students-Teacher Ratio for the year 2007-2008 .....	46
XVII	Statement showing Staff-Student Ratio for the Last Five Years .....	46
XVIII	Financial Assistance sanctioned to Teachers for Participation in Conferences and Seminars etc. in India during the year 2007-2008 .....	47
XIX	Financial Assistance sanctioned to Teachers for Participation in Conferences and Seminars etc. abroad during the year 2007-2008 .....	49
XX	Teachers granted Study Leave during the year 2007-2008 .....	50
XXI	Teachers granted Sabbatical Leave during the year 2007-2008 .....	50
XXII	Statement showing Non-Teaching Staff in various Faculties/Institutions during the year 2007-2008 .....	51
XXIII	Staff Members Retired during the year 2007-2008 .....	52
XXIV	Grants for Development & Research Schemes During the year 2007-2008 .....	54
XXV	Statement of SC/ST/SEBC and Physically Challenged Staff during the Year 2007-2008 .....	55
XXVI	Number of Patients Treated at the Health Centre .....	55
XXVII	Institution of Gold Medals, Prizes & Scholarships etc. during the Year 2007-2008 .....	55

---

# I

## Number of Students Enrolled in various Courses during the year 2007-2008

Year/Class	Male						Female						Total			
	SC			Gen			SC			Gen						
	SC	ST	SEBC	SC	ST	SEBC	SC	ST	SEBC	SC	ST	SEBC	SC	ST	SEBC	Gen
<b>(i) FACULTY OF ARTS</b>																
<b>Post-Graduate Degree</b>																
I Year M.A.	17	2	28	256	102	37	91	235	119	39	119	39	119	39	119	491
II Year M.A.	55	65	5	125	55	30	31	187	110	95	36	95	110	95	36	312
M. Lib. Science	0	0	0	4	0	0	0	6	0	0	0	0	0	0	0	10
<b>Sub Total</b>	<b>72</b>	<b>67</b>	<b>33</b>	<b>385</b>	<b>157</b>	<b>67</b>	<b>122</b>	<b>428</b>	<b>229</b>	<b>134</b>	<b>155</b>	<b>134</b>	<b>229</b>	<b>134</b>	<b>155</b>	<b>813</b>
<b>Degree Courses</b>																
I Year B.A.	84	52	78	352	95	39	101	595	179	91	179	91	179	91	179	947
II Year B.A.	28	21	6	324	55	33	49	649	83	54	55	54	83	54	55	973
III Year B.A.	31	22	10	499	31	22	42	505	62	44	52	44	62	44	52	1004
B. Lib. Science	1	0	0	9	1	0	0	19	2	0	0	0	2	0	0	28
<b>Sub Total</b>	<b>144</b>	<b>95</b>	<b>94</b>	<b>1184</b>	<b>182</b>	<b>94</b>	<b>192</b>	<b>1768</b>	<b>326</b>	<b>189</b>	<b>286</b>	<b>189</b>	<b>326</b>	<b>189</b>	<b>286</b>	<b>2952</b>
<b>Post Diploma Courses</b>																
Post Diploma in Russian	0	0	0	0	0	0	0	2	0	0	0	0	0	0	0	2
<b>Sub Total</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>2</b>	<b>0</b>	<b>2</b>						
<b>Diploma Courses</b>																
Diploma in Arabic	0	0	0	8	0	0	0	4	0	0	0	0	0	0	0	12
Diploma in Persian	0	0	0	0	0	0	0	2	0	0	0	0	0	0	0	2
Diploma in Russian	0	0	0	2	0	0	0	2	0	0	0	0	0	0	0	4
<b>Sub Total</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>10</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>8</b>	<b>0</b>	<b>18</b>						
<b>Certificate Courses</b>																
Certificate Course in Arabic	0	0	0	32	0	0	0	14	0	0	0	0	0	0	0	46
Certificate Course in Persian	0	0	0	7	0	0	0	5	0	0	0	0	0	0	0	12
Certificate Course in Russian	0	0	0	13	0	0	0	10	0	0	0	0	0	0	0	23
<b>Sub Total</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>52</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>29</b>	<b>0</b>	<b>81</b>						
<b>Total</b>	<b>216</b>	<b>162</b>	<b>127</b>	<b>1631</b>	<b>339</b>	<b>161</b>	<b>314</b>	<b>2235</b>	<b>555</b>	<b>323</b>	<b>441</b>	<b>323</b>	<b>555</b>	<b>323</b>	<b>441</b>	<b>3866</b>

Year/Class	Male						Female						Total		
	SC			SEBC			SC			SEBC					
	ST	Gen	Gen	ST	Gen	Gen	ST	Gen	Gen	ST	Gen	Gen	ST	Gen	
<b>(ii) FACULTY OF SCIENCE</b>															
<b>Post-Graduate Degree</b>															
Junior	16	12	20	152	9	15	25	170	25	27	45	322			
Senior	8	10	18	140	10	12	24	149	18	22	42	289			
M.Phil	0	0	0	2	0	0	1	2	0	0	1	4			
Ph.D.	0	0	1	24	0	0	0	23	0	0	1	47			
<b>Sub Total</b>	<b>24</b>	<b>22</b>	<b>39</b>	<b>318</b>	<b>19</b>	<b>27</b>	<b>50</b>	<b>344</b>	<b>43</b>	<b>49</b>	<b>89</b>	<b>662</b>			
<b>Degree</b>															
I Year B.Sc.	14	7	33	293	15	12	57	285	29	19	90	578			
II Year B.Sc.	8	7	25	162	6	8	26	173	14	15	51	335			
III Year B.Sc.	10	8	26	176	8	6	23	169	18	14	49	345			
I Year B.Sc. Environmental Science *	2	1	0	8	2	0	4	33	4	1	4	41			
II Year B.Sc. Environmental Science *	0	0	1	7	2	0	1	25	2	0	2	32			
III Year B.Sc. Environmental Science *	0	0	2	11	0	0	2	17	0	0	4	28			
I Year B.C.A. *	2	1	8	40	3	3	8	55	5	4	16	95			
II Year B.C.A. *	2	2	6	62	2	2	6	38	4	4	12	100			
III Year B.C.A. *	2	2	7	54	2	4	6	38	4	6	13	92			
<b>Sub Total</b>	<b>40</b>	<b>28</b>	<b>108</b>	<b>813</b>	<b>40</b>	<b>35</b>	<b>133</b>	<b>833</b>	<b>80</b>	<b>63</b>	<b>241</b>	<b>1646</b>			
<b>Post-Graduate Diploma</b>															
Junior PGDAB	2	1	3	5	3	0	3	12	5	1	6	17			
<b>Sub Total</b>	<b>2</b>	<b>1</b>	<b>3</b>	<b>5</b>	<b>3</b>	<b>0</b>	<b>3</b>	<b>12</b>	<b>5</b>	<b>1</b>	<b>6</b>	<b>17</b>			
<b>Total</b>	<b>66</b>	<b>51</b>	<b>150</b>	<b>1136</b>	<b>62</b>	<b>62</b>	<b>186</b>	<b>1189</b>	<b>128</b>	<b>113</b>	<b>336</b>	<b>2325</b>			
<b>(iii) FACULTY OF EDUCATION &amp; PSYCHOLOGY</b>															
<b>Post-Graduate Degree</b>															
I Year M.A.	1	0	0	8	2	0	0	29	3	0	0	37			
II Year M.A.	0	0	0	7	0	0	1	33	0	0	1	40			
M.Ed. (Master of Education)	2	2	1	3	1	2	0	19	3	4	1	22			
M.Ed.M. (Master of Education Management)	0	0	0	2	0	0	0	5	0	0	0	7			
<b>Sub Total</b>	<b>3</b>	<b>2</b>	<b>1</b>	<b>20</b>	<b>3</b>	<b>2</b>	<b>1</b>	<b>86</b>	<b>6</b>	<b>4</b>	<b>2</b>	<b>106</b>			
<b>Degree Courses</b>															
I Year B.A.	1	0	1	16	0	0	0	57	0	0	0	0			
II Year B.A.	5	0	2	15	3	0	1	62	1	0	1	73			
III Year B.A.	1	9	4	14	19	18	23	93	20	27	27	107			
B.Ed.	7	9	7	45	22	18	24	212	29	27	31	257			

Year/Class	Male						Female						Total			
	SC		ST		Gen		SC		ST		Gen		SC	ST	SEBC	Gen
	SC	ST	SC	ST	SC	ST	SC	ST	SC	ST	SC	ST				
<b>Post-Graduate Diploma</b>																
P. D. E. M.	1	1	0	6	3	13	1	1	3	4	2	3	4	2	3	19
H. R. D.	1	0	0	28	7	17	0	0	3	8	0	3	8	0	3	45
C. C. P.	0	0	0	2	0	17	0	0	0	0	0	0	0	0	0	19
P. G. D. G. C.	0	0	0	5	0	24	0	0	0	0	0	0	0	0	0	29
C. A. H.	0	0	0	7	1	9	0	0	0	1	0	0	1	0	0	16
Sub Total	2	1	0	48	11	80	1	1	6	13	2	6	13	2	6	128
<b>Total</b>	<b>12</b>	<b>12</b>	<b>8</b>	<b>113</b>	<b>36</b>	<b>378</b>	<b>21</b>	<b>21</b>	<b>31</b>	<b>48</b>	<b>33</b>	<b>39</b>	<b>48</b>	<b>33</b>	<b>39</b>	<b>491</b>
<b>(iv) FACULTY OF COMMERCE</b>																
<b>Post-Graduate Degree</b>																
I Year M.Com.	16	3	43	324	10	556	3	3	33	26	6	76	26	6	76	880
II Year M.Com.	7	1	25	406	7	463	1	1	11	14	2	36	14	2	36	869
Sub Total	23	4	68	730	17	1019	4	4	44	40	8	112	40	8	112	1749
<b>Degree</b>																
I Year B.Com.	195	50	168	1265	109	1813	43	43	112	304	93	280	304	93	280	3078
II Year B.Com.	65	19	116	1121	67	1461	29	29	124	132	48	240	132	48	240	2582
III Year B.Com.	79	20	87	1287	124	1387	27	27	138	203	47	225	203	47	225	2674
I Year B.Com #	0	0	0	1352	0	639	0	0	0	0	0	0	0	0	0	1991
II Year B.Com #	0	0	0	560	0	269	0	0	0	0	0	0	0	0	0	829
III Year B.Com #	0	0	0	851	0	407	0	0	0	0	0	0	0	0	0	1258
I Year BBA*	3	4	5	43	4	40	5	5	16	7	9	21	7	9	21	83
II Year BBA*	1	1	16	33	4	57	0	0	10	5	1	26	5	1	26	90
III Year BBA*	3	0	16	42	2	31	1	1	5	5	1	21	5	1	21	73
Sub Total	346	94	408	6554	310	6104	105	105	405	656	199	813	656	199	813	12658
<b>Post-Graduate Diploma</b>																
Post-Graduate Diploma in Banking	4	0	2	30	10	66	2	2	5	14	2	7	14	2	7	96
Post-Graduate Diploma in Cooperation	0	0	0	31	3	48	0	0	5	3	0	5	3	0	5	79
Post-Graduate Diploma in Applied Eco.	2	0	0	21	1	37	0	0	0	3	0	0	3	0	0	58
Post-Graduate Diploma in A/c & Fin. Mgt.	4	0	7	44	1	20	0	0	2	5	0	9	5	0	9	64
Post-Graduate Diploma in Business Admn.	1	0	2	26	2	23	0	0	1	3	0	3	3	0	3	49
Sub Total	11	0	11	152	17	194	2	2	13	28	2	24	28	2	24	346
<b>Total</b>	<b>380</b>	<b>98</b>	<b>487</b>	<b>7436</b>	<b>344</b>	<b>7317</b>	<b>111</b>	<b>111</b>	<b>462</b>	<b>724</b>	<b>209</b>	<b>949</b>	<b>724</b>	<b>209</b>	<b>949</b>	<b>14753</b>

Year/Class	Male						Female						Total			
	SC			SEBC			SC			SEBC						
	ST	Gen	Gen	ST	SEBC	Gen	ST	Gen	Gen	ST	SEBC	Gen	ST	SEBC	Gen	
<b>(V) FACULTY OF MEDICINE</b>																
<b>Degree</b>																
I Year	1	3	7	38	0	1	4	20	1	4	11	58				
II Year	4	5	4	37	1	3	2	22	5	8	6	59				
III Year	1	6	12	33	1	4	4	17	2	10	16	50				
IV Year	2	0	2	21	0	1	1	3	2	1	3	24				
<i>Sub Total</i>	8	14	25	129	2	9	11	62	10	23	36	191				
<b>Post-Graduate Diploma</b>																
Junior	0	0	3	7	0	1	1	8	0	1	4	15				
Senior	0	1	2	7	0	2	4	6	0	3	6	13				
<i>Sub Total</i>	0	1	5	14	0	3	5	14	0	4	10	28				
<b>Total</b>	8	15	30	143	2	12	16	76	10	27	46	219				
<b>(VI) FACULTY OF TECHNOLOGY AND ENGINEERING</b>																
<b>Post-Graduate Degree</b>																
Junior	12	13	42	164	5	4	15	95	17	17	57	259				
Senior	14	3	29	143	3	1	9	103	17	4	38	246				
MCA III	1	2	4	11	0	1	3	4	1	3	7	15				
<i>Sub Total</i>	27	18	75	318	8	6	27	202	35	24	102	520				
<b>Degree</b>																
1st Year	32	53	130	295	6	7	20	81	38	60	150	376				
2nd Year	20	29	112	329	4	4	6	76	24	33	118	405				
3rd Year	29	22	111	285	9	7	25	119	38	29	136	404				
4th Year	19	22	112	247	5	13	28	116	24	35	140	363				
5th Year (only in Architect)	0	0	2	11	1	1	5	15	1	1	7	26				
<i>Sub Total</i>	100	126	467	1167	25	32	84	407	125	158	551	1574				
<b>Post-Graduate Diploma</b>																
Junior	1	0	5	27	0	0	4	28	1	0	9	55				
<i>Sub Total</i>	1	0	5	27	0	0	4	28	1	0	9	55				
<b>Post B.Sc. Diploma in Textile Chemistry</b>																
2nd Year	0	0	2	1	0	0	0	0	0	0	2	1				
3rd Year	0	0	0	4	0	0	0	0	0	0	0	4				
<i>Sub Total</i>	0	0	2	5	0	0	0	0	0	0	2	5				

Year/Class	Male						Female						Total					
	SC			Gen			SC			Gen			SC			Gen		
	SC	ST	SEBC	Gen	SC	ST	SEBC	Gen	SC	ST	SEBC	Gen	SC	ST	SEBC	Gen		
<b>Diploma (DTT &amp; DTC)</b>																		
1st Year	4	0	14	19	1	0	0	5	5	0	14	24	0	0	5	14	24	
2nd Year	1	0	7	23	0	0	7	1	1	0	7	30	0	0	1	7	30	
3rd Year	1	0	6	16	0	0	2	1	1	0	6	18	0	0	1	6	18	
Sub Total	6	0	27	58	1	0	14	7	7	0	27	72	0	0	14	27	72	
<b>Total</b>	<b>134</b>	<b>144</b>	<b>576</b>	<b>1575</b>	<b>34</b>	<b>38</b>	<b>115</b>	<b>168</b>	<b>182</b>	<b>691</b>	<b>2226</b>							
<b>(vii) FACULTY OF LAW</b>																		
<b>Post-Graduate Degree</b>																		
I Year LL.M.	4	1	6	23	1	1	5	10	5	2	11	33	2	1	5	2	29	
II Year LL.M.	0	1	1	10	1	0	1	19	1	1	2	29	0	0	1	1	2	
Ph.D.	0	0	1	1	0	0	0	1	0	0	1	2	0	0	0	1	2	
Sub Total	4	2	8	34	2	1	6	30	6	3	14	64	2	1	6	3	64	
<b>Degree Courses</b>																		
I Year LL.B. (General)	9	4	5	99	8	1	1	96	17	5	6	195	5	0	17	6	195	
II Year LL.B. (General)	3	0	4	45	1	0	0	50	4	0	4	95	0	0	4	4	95	
III Year LL.B. (Special)	8	2	4	40	3	0	3	37	11	2	7	77	2	2	11	7	77	
Sub Total	20	6	13	184	12	1	4	183	32	7	17	367	7	2	32	17	367	
<b>Post-Graduate Diploma</b>																		
P.G. Diploma in Taxation Laws	2	0	7	100	3	0	0	60	5	0	7	160	0	0	5	7	160	
P.G. Diploma in Labour Laws	2	0	0	20	0	1	1	23	2	1	1	43	1	1	2	1	43	
Sub Total	4	0	7	120	3	1	1	83	7	1	8	203	1	1	7	8	203	
<b>Total</b>	<b>28</b>	<b>8</b>	<b>28</b>	<b>338</b>	<b>17</b>	<b>3</b>	<b>11</b>	<b>296</b>	<b>45</b>	<b>11</b>	<b>39</b>	<b>634</b>	<b>11</b>	<b>2</b>	<b>45</b>	<b>39</b>	<b>634</b>	
<b>(viii) FACULTY OF FINE ARTS</b>																		
<b>Post-Graduate Degree</b>																		
I Year M.A. Fine	1	1	5	4	0	0	0	0	1	1	5	4	0	0	1	5	4	
II Year M.A. Fine	1	0	1	17	0	0	0	21	1	1	1	38	0	0	1	1	38	
Sub Total	2	1	6	21	0	0	0	21	2	1	6	42	1	1	2	6	42	
<b>Degree</b>																		
I Year B.A. Fine	2	1	5	22	0	2	2	20	2	3	7	42	3	2	2	7	42	
II Year B.A. Fine	2	3	12	50	0	2	1	41	2	2	13	91	5	5	13	13	91	
III Year B.A. Fine	3	1	13	42	0	2	2	24	3	3	15	66	3	3	15	15	66	
IV Year B.A. Fine	4	5	6	33	0	1	5	33	4	4	11	66	6	6	11	11	66	
Sub Total	11	10	36	147	0	7	10	118	11	17	46	265	17	17	46	46	265	

Year/Class	Male						Female						Total														
	SC			ST			SC			ST			SC			ST			SC			ST					
	SC	ST	Gen	SC	ST	Gen	SC	ST	Gen	SC	ST	Gen	SC	ST	Gen	SC	ST	Gen	SC	ST	Gen	SC	ST	Gen			
<b>Post-Graduate Diploma</b>																											
I Year	0	2	7	0	0	0	0	0	1	0	0	1	0	0	1	0	0	1	0	0	2	0	2	8	0	2	1
II Year	1	4	3	14	1	14	1	0	1	0	0	1	13	4	13	2	4	4	2	4	4	2	4	4	27	4	27
Sub Total	1	6	10	14	1	14	1	0	2	0	0	2	14	6	14	2	6	6	2	6	6	2	6	12	28	6	28
<b>Diploma</b>																											
I Year DFA	1	1	7	2	1	2	1	0	1	0	0	1	0	0	0	2	1	1	2	1	1	2	1	8	2	1	2
II Year DFA	1	2	0	7	0	7	0	0	0	0	0	0	0	0	0	1	2	2	1	2	2	1	2	0	7	2	7
III Year DFA	0	0	0	3	0	3	0	0	0	0	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0
IV Year DFA	0	0	2	6	0	6	0	0	0	0	0	0	3	0	3	0	0	0	0	0	0	0	0	0	2	0	4
Sub Total	2	3	9	18	1	18	1	0	1	0	0	1	4	0	4	3	3	3	3	3	3	3	3	10	10	3	22
Total	16	20	61	200	2	200	2	7	13	7	7	13	157	27	157	18	27	18	18	27	18	18	27	74	74	27	357
<b>(ix) FACULTY OF FAMILY AND COMMUNITY SCIENCES</b>																											
<b>Post-Graduate Degree</b>																											
I Year M.Sc. (Home)	0	0	0	0	2	0	2	2	3	2	2	3	56	2	56	2	2	2	2	2	2	2	2	3	3	2	56
II Year M.Sc. (Home)	0	0	0	0	1	0	1	0	0	0	0	0	53	1	53	1	0	0	1	0	0	1	0	0	0	0	53
M. Phil	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	1
Ph.D.	0	0	0	1	0	1	0	0	0	0	0	0	54	0	54	0	0	0	0	0	0	0	0	0	0	0	55
Sub Total	0	0	0	1	3	1	3	2	3	2	2	3	164	3	164	3	2	2	3	2	2	3	2	3	3	2	165
<b>Degree</b>																											
I Year B.Sc. (Home)	0	0	0	0	10	0	10	6	35	6	6	35	289	10	289	10	6	6	10	6	6	10	6	35	35	6	289
II Year B.Sc. (Home)	0	0	0	0	9	0	9	4	17	4	4	17	280	9	280	9	4	4	9	4	4	9	4	17	17	4	280
III Year B.Sc. (Home)	0	0	0	0	10	0	10	0	18	0	0	18	259	10	259	10	0	0	10	0	0	10	0	18	18	0	259
Sub Total	0	0	0	0	29	0	29	10	70	10	10	70	828	29	828	29	10	10	29	10	10	29	10	70	70	10	828
<b>Post-Graduate Diploma</b>																											
P.G. Diploma in ECCE	0	0	0	0	1	0	1	0	2	0	0	2	22	1	22	1	0	0	1	0	0	1	0	2	2	0	22
P.G. Diploma in Ext. Education	0	0	0	0	1	0	1	1	0	1	1	0	9	1	9	1	1	1	1	1	1	1	1	0	0	1	9
Sub Total	0	0	0	0	2	0	2	1	2	1	1	2	31	2	31	2	1	1	2	1	1	2	1	2	2	1	31
Total	0	0	0	0	34	1	34	13	75	13	13	75	1023	34	1023	34	13	13	34	13	13	34	13	75	75	13	1024

Year/Class	Male						Female						Total			
	SC		ST		SEBC		SC		ST		SEBC		SC	ST	SEBC	Gen
	SC	ST	SC	ST	SC	ST	SC	ST	SC	ST	SC	ST				
<b>(x) FACULTY OF SOCIAL WORK</b>																
<b>Post-Graduate Degree</b>																
I Year MSW	3	3	5	6	1	3	7	12	4	6	12	18				
II Year MSW	0	3	4	8	3	2	4	15	3	5	8	23				
I Year M.H.R.M.*	1	0	7	9	2	0	3	18	3	0	10	27				
II Year M.H.R.M.*	1	0	7	12	1	1	3	16	2	1	10	28				
Ph.D.	0	0	1	3	0	0	0	8	0	0	1	11				
<b>Sub Total</b>	<b>5</b>	<b>6</b>	<b>24</b>	<b>38</b>	<b>7</b>	<b>6</b>	<b>17</b>	<b>69</b>	<b>12</b>	<b>12</b>	<b>41</b>	<b>107</b>				
<b>Post-Graduate Diploma</b>																
P.G. Diploma in I.R.P.M.*	4	0	1	24	0	0	0	11	4	0	1	35				
P.G. Diploma in D.H.R.M.*	3	1	2	10	1	0	2	20	4	1	4	30				
P.G. Diploma in S.D.O.M.*	2	0	0	6	1	0	0	10	3	0	0	16				
P.G. Diploma in D.H.M.I.*	0	0	0	1	0	0	0	8	0	0	0	9				
P.G. Diploma in D.C.C.M.*	0	1	0	2	0	0	2	2	0	1	2	4				
<b>Sub Total</b>	<b>9</b>	<b>2</b>	<b>3</b>	<b>43</b>	<b>2</b>	<b>0</b>	<b>4</b>	<b>51</b>	<b>11</b>	<b>2</b>	<b>7</b>	<b>94</b>				
<b>Total</b>	<b>14</b>	<b>8</b>	<b>27</b>	<b>81</b>	<b>9</b>	<b>6</b>	<b>21</b>	<b>120</b>	<b>23</b>	<b>14</b>	<b>48</b>	<b>201</b>				
<b>(xi) FACULTY OF PERFORMING ARTS</b>																
<b>Post-Graduate Degree</b>																
I Year M.P.A.	1	1	2	8	0	0	2	20	1	1	4	28				
II Year M.P.A.	0	0	2	17	2	0	3	14	2	0	5	31				
Ph.D.	0	0	0	1	0	0	1	2	0	0	1	3				
<b>Sub Total</b>	<b>1</b>	<b>1</b>	<b>4</b>	<b>26</b>	<b>2</b>	<b>0</b>	<b>6</b>	<b>36</b>	<b>3</b>	<b>1</b>	<b>10</b>	<b>62</b>				
<b>Degree</b>																
1st Year B.P.A.	7	0	10	24	4	2	5	45	11	2	15	69				
2nd Year B.P.A.	4	0	4	12	1	0	5	19	5	0	9	31				
3rd Year B.P.A.	6	1	5	26	1	0	0	19	7	1	5	45				
<b>Sub Total</b>	<b>17</b>	<b>1</b>	<b>19</b>	<b>62</b>	<b>6</b>	<b>2</b>	<b>10</b>	<b>83</b>	<b>23</b>	<b>3</b>	<b>29</b>	<b>145</b>				
<b>Diploma \$</b>																
I Year D.P.A.	1	*	2	255	*	*	2	196	1	0	4	451				
II Year D.P.A.	*	*	*	82	*	*	1	75	0	0	1	157				
III Year D.P.A.	*	*	*	59	*	*	*	53	0	0	0	112				
IV Year D.P.A.	*	*	*	37	*	*	*	51	0	0	0	88				
<b>Sub Total</b>	<b>1</b>	<b>0</b>	<b>2</b>	<b>433</b>	<b>0</b>	<b>0</b>	<b>3</b>	<b>375</b>	<b>1</b>	<b>0</b>	<b>5</b>	<b>808</b>				
<b>Total</b>	<b>19</b>	<b>2</b>	<b>25</b>	<b>521</b>	<b>8</b>	<b>2</b>	<b>19</b>	<b>494</b>	<b>27</b>	<b>4</b>	<b>44</b>	<b>1015</b>				

Year/Class	Male						Female						Total													
	SC		ST		SEBC		Gen		SC		ST		SEBC		Gen		SC		ST		SEBC		Gen			
<b>(xii) FACULTY OF MANAGEMENT STUDIES</b>																										
<b>Post-Graduate Degree</b>																										
I Year M.B.A.	2	4	10	15	1	2	1	6	3	6	11	21	3	6	11	21	6	11	21	3	6	11	21	6	11	21
II Year M.B.A.	3	6	8	11	0	0	3	10	3	6	11	21	3	6	11	21	0	0	0	0	0	0	0	0	0	0
Ph.D.	0	0	0	12	0	0	0	3	0	0	3	15	0	0	0	3	0	0	0	0	0	0	0	0	0	0
<b>Total</b>	<b>5</b>	<b>10</b>	<b>18</b>	<b>38</b>	<b>1</b>	<b>2</b>	<b>4</b>	<b>19</b>	<b>6</b>	<b>12</b>	<b>22</b>	<b>57</b>	<b>6</b>	<b>12</b>	<b>22</b>	<b>57</b>	<b>6</b>	<b>12</b>	<b>22</b>	<b>6</b>	<b>12</b>	<b>22</b>	<b>57</b>	<b>6</b>	<b>12</b>	<b>22</b>
<b>(xiii) FACULTY OF JOURNALISM AND COMMUNICATION</b>																										
<b>Post-Graduate Degree</b>																										
I Year M.J.C.	0	0	1	3	0	0	0	16	0	0	16	19	0	0	16	19	0	0	0	0	0	1	19	0	0	19
II Year M.J.C.	0	0	0	5	0	0	0	13	0	0	13	18	0	0	13	18	0	0	0	0	0	0	18	0	0	18
<b>Total</b>	<b>0</b>	<b>0</b>	<b>1</b>	<b>8</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>29</b>	<b>0</b>	<b>0</b>	<b>29</b>	<b>37</b>	<b>0</b>	<b>0</b>	<b>29</b>	<b>37</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>1</b>	<b>37</b>	<b>0</b>	<b>0</b>	<b>37</b>	
<b>(A) POLYTECHNIC</b>																										
<b>Diploma Courses</b>																										
<b>(i) After S.S.C.</b>																										
I Year	30	68	122	201	8	10	38	68	38	78	160	269	38	78	160	269	8	10	38	68	8	10	38	68	160	269
II Year	30	19	112	173	4	1	29	61	34	20	141	234	4	1	29	61	4	1	29	61	4	1	29	61	141	234
III Year	13	12	81	120	1	4	16	36	14	16	97	156	1	4	16	36	1	4	16	36	1	4	16	36	97	156
<b>Sub Total</b>	<b>73</b>	<b>99</b>	<b>315</b>	<b>494</b>	<b>13</b>	<b>15</b>	<b>83</b>	<b>165</b>	<b>86</b>	<b>114</b>	<b>398</b>	<b>659</b>	<b>13</b>	<b>15</b>	<b>83</b>	<b>165</b>	<b>13</b>	<b>15</b>	<b>83</b>	<b>165</b>	<b>13</b>	<b>15</b>	<b>83</b>	<b>165</b>	<b>398</b>	<b>659</b>
<b>(ii) After H.S.C.</b>																										
I Year	0	0	1	2	0	0	0	0	0	0	0	2	0	0	0	2	0	0	0	0	0	1	2	0	0	2
II Year	12	4	17	69	0	0	0	5	12	4	17	74	0	0	5	12	0	0	0	0	1	4	7	0	0	17
<b>Sub Total</b>	<b>12</b>	<b>4</b>	<b>18</b>	<b>71</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>5</b>	<b>12</b>	<b>4</b>	<b>17</b>	<b>76</b>	<b>0</b>	<b>0</b>	<b>5</b>	<b>12</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>1</b>	<b>4</b>	<b>7</b>	<b>0</b>	<b>0</b>	<b>17</b>	
<b>(iii) Part time EDC</b>																										
I Year	9	4	32	116	0	0	0	2	9	4	32	118	0	0	2	9	0	0	0	0	4	32	118	0	0	4
II Year	9	1	22	45	0	0	0	0	9	1	22	45	0	0	0	9	0	0	0	1	22	45	9	1	22	45
III Year	13	0	15	37	0	0	0	0	13	0	15	37	0	0	0	13	0	0	0	0	0	15	37	0	0	15
IV Year	8	0	11	32	0	0	0	0	8	0	11	32	0	0	0	8	0	0	0	0	0	11	32	0	0	11
<b>Sub Total</b>	<b>39</b>	<b>5</b>	<b>80</b>	<b>230</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>2</b>	<b>39</b>	<b>5</b>	<b>80</b>	<b>232</b>	<b>0</b>	<b>0</b>	<b>2</b>	<b>39</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>5</b>	<b>80</b>	<b>232</b>	<b>0</b>	<b>0</b>	<b>80</b>
<b>Total</b>	<b>124</b>	<b>108</b>	<b>413</b>	<b>795</b>	<b>13</b>	<b>15</b>	<b>83</b>	<b>172</b>	<b>137</b>	<b>123</b>	<b>496</b>	<b>967</b>	<b>13</b>	<b>15</b>	<b>83</b>	<b>172</b>	<b>137</b>	<b>123</b>	<b>496</b>	<b>13</b>	<b>15</b>	<b>83</b>	<b>172</b>	<b>137</b>	<b>496</b>	
<b>(B) BARODA SANSKRIT MAHAVIDYALAYA</b>																										
<b>Post-Graduate Degree (Acharya)</b>																										
Acharya (I Year)	0	0	0	16	0	0	0	6	0	0	6	22	0	0	6	22	0	0	0	0	0	0	6	22	0	0
Acharya (II Year)	0	0	0	13	0	0	0	2	0	0	2	15	0	0	2	15	0	0	0	0	0	0	2	15	0	0
Ph.D. (Vachaspati)	0	0	0	5	0	0	0	0	0	0	0	5	0	0	0	5	0	0	0	0	0	0	5	0	0	5
<b>Sub Total</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>34</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>8</b>	<b>0</b>	<b>0</b>	<b>8</b>	<b>42</b>	<b>0</b>	<b>0</b>	<b>8</b>	<b>42</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>8</b>	<b>42</b>	<b>0</b>	<b>0</b>

Year/Class	Male						Female						Total			
	SC		ST		Gen		SC		ST		Gen		SC	ST	SEBC	Gen
	SC	ST	SEBC	Gen	SC	ST	SEBC	Gen	SC	ST	SEBC	Gen	SC	ST	SEBC	Gen
<b>Degree (Shastri)</b>																
I Year Shastri	1	1	0	33	0	0	0	4	0	0	0	0	1	1	0	37
II Year Shastri	0	0	0	23	0	0	0	7	0	0	0	0	0	0	0	30
III Year Shastri	0	0	0	23	0	0	0	4	0	0	0	0	0	0	0	27
Sub Total	1	1	0	79	0	0	0	15	0	0	0	0	1	1	0	94
<b>Diploma (Visharad)</b>																
I Year Visharad	2	0	3	95	0	0	1	16	0	0	0	0	2	0	4	111
II Year Visharad	0	0	0	11	0	0	0	3	0	0	0	0	0	0	0	14
Sub Total	2	0	3	106	0	0	1	19	0	0	0	0	2	0	4	125
<b>Certificate</b>																
I Year	0	0	0	59	0	0	0	8	0	0	0	0	0	0	0	67
II Year	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Sub Total	0	0	0	59	0	0	0	8	0	0	0	0	0	0	0	67
<b>Total</b>	<b>3</b>	<b>1</b>	<b>3</b>	<b>278</b>	<b>0</b>	<b>0</b>	<b>1</b>	<b>50</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>3</b>	<b>1</b>	<b>4</b>	<b>328</b>
<b>(C) SHRI M. K. AMIN ARTS &amp; SCIENCE COLLEGE &amp; COLLEGE OF COMMERCE, PADRA</b>																
<b>Degree</b>																
I Year B.Com.	5	0	6	409	0	0	8	258	0	0	0	0	5	0	14	667
II Year B.Com.	1	1	2	62	0	0	1	44	0	0	0	0	1	1	3	106
III Year B.Com.	3	0	0	142	1	0	3	75	0	0	0	0	4	0	3	217
Sub Total	9	1	8	613	1	0	12	377	0	0	0	0	10	1	20	990
I Year B.A.	4	0	2	25	5	0	2	19	0	0	0	0	9	0	4	44
II Year B.A.	0	0	0	14	7	0	5	27	0	0	0	0	7	0	5	41
III Year B.A.	1	0	0	12	0	0	1	48	0	0	0	0	1	0	1	60
Sub Total	5	0	2	51	12	0	8	94	0	0	0	0	17	0	10	145
<b>Total</b>	<b>14</b>	<b>1</b>	<b>10</b>	<b>664</b>	<b>13</b>	<b>0</b>	<b>20</b>	<b>471</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>27</b>	<b>1</b>	<b>30</b>	<b>1135</b>
<b>Grand Total</b>	<b>1039</b>	<b>640</b>	<b>1964</b>	<b>14958</b>	<b>914</b>	<b>453</b>	<b>1371</b>	<b>14677</b>	<b>1953</b>	<b>1093</b>	<b>3335</b>	<b>29635</b>				

\* Self Finance # Higher Payment

\$ Since eligibility for admission to Diploma, in Music and Dance is V std. Pass and concerned Govt. Office does not issue cast certificate below X class, the Department of Diploma in Music and Dance has not furnished the information in respect of reserved category. However, the information provided in respect of reserved category is only for Diploma in Drama.

\* \* \* \* \*

## II

### Statement showing percentage of Male and Female students in different Faculties/Institutions

Sr. No.	Faculties/Institutions	1990-91		2000-2001		2007-2008	
		Male	Female	Male	Female	Male	Female
1	Faculty of Arts	42.20	57.80	39.34	60.66	41.20	58.80
2	Faculty of Science	51.52	48.48	46.45	53.55	48.35	51.65
3	Faculty of Education & Psychology	37.06	62.94	54.44	45.56	23.73	76.27
4	Faculty of Commerce	49.40	50.60	50.20	49.80	50.50	49.50
5	Faculty of Medicine	67.71	32.29	70.82	29.18	64.90	35.10
6	Faculty of Technology & Engineering	82.74	17.26	74.00	26.00	74.35	25.65
7	Faculty of Law	75.14	24.86	65.85	34.15	55.14	44.86
8	Faculty of Fine Arts	56.58	43.42	53.64	46.36	62.40	37.60
9	Faculty of Family and Community Sciences	0.26	99.74	0.27	99.73	0.09	99.91
10	Faculty of Social Work	61.90	38.10	44.56	55.44	45.45	54.55
11	Faculty of Performing Arts	47.86	52.14	60.67	39.33	52.02	47.98
12	Faculty of Management Studies	67.86	32.14	88.38	11.62	73.20	26.80
13	Faculty of Journalism & Communication	-	-	40.55	59.45	23.68	76.32
14	Polytechnic	91.17	8.83	86.86	13.14	83.58	16.42
15	Baroda Sanskrit Mahavidyalaya	91.76	8.24	85.94	14.06	84.82	15.18
16	Shri M. K. Amin Arts and Science College and College of Commerce, Padra	66.00	34.00	67.90	32.10	57.75	42.25

\* \* \* \* \*

### III

## Statement showing percentage of students in different Faculties/Institutions during the last five years

Sr. No.	Faculties/Institutions	2003-2004	2004-2005	2005-2006	2006-2007	2007-2008
1	Faculty of Arts	12.55	13.45	15.15	16.51	14.40
2	Faculty of Science	8.35	8.09	7.70	7.23	8.06
3	Faculty of Education & Psychology	1.72	1.68	1.37	1.51	1.70
4	Faculty of Commerce	45.60	43.72	45.04	46.79	46.19
5	Faculty of Medicine	-	2.20	1.36	2.16	0.84
6	Faculty of Technology & Engineering	8.77	8.60	8.29	7.92	9.07
7	Faculty of Law	2.06	2.10	1.79	1.67	2.02
8	Faculty of Fine Arts	1.43	1.38	1.52	1.39	1.32
9	Faculty of Family and Community Sciences	3.41	3.37	3.36	2.88	3.18
10	Faculty of Social Work	0.83	0.84	0.80	0.72	0.80
11	Faculty of Performing Arts	3.17	3.20	3.35	0.85	3.03
12	Faculty of Management Studies	0.26	0.24	0.24	0.23	0.27
13	Faculty of Journalism & Communication	0.11	0.11	0.11	0.10	0.10
14	Polytechnic	5.01	4.61	4.46	6.19	4.78
15	Baroda Sanskrit Mahavidyalaya	0.80	0.97	1.24	0.84	0.93
16	Shri M. K. Amin Arts and Science College and College of Commerce, Padra	5.93	5.44	4.22	3.10	3.31
<b>Grand Total</b>		<b>100.00</b>	<b>100.00</b>	<b>100.00</b>	<b>100.00</b>	<b>100.00</b>

\*\*\*\*\*

# IV

## Resident Students in various Halls of Residence during the year 2007-2008

Sr.No.	Faculties/ Institutions	Boys Hostels												Ladies Hostels				GRAND TOTAL		
		K.M. (i)	M.A. (ii)	M.M. (iii)	S.P. (iv)	L.B.S. (v)	N.V. (vi)	J.M. (vii)	T.K.G. (viii)	R.T. (ix)	M.V. (x)	S.J. (xi)	V.S. (xii)	SUB TOTAL	H.M. (i)	S.D. (ii)	P.G. (iii)		K.G. (iv)	SUB TOTAL
1	Arts	28	25	85	45	37	6	0	30	23	4	5	11	299	39	201	9	26	275	574
2	Science	115	10	12	13	21	64	0	0	12	9	14	30	300	81	13	8	92	194	494
3	Edu. & Psy.	2	4	3	20	0	4	0	0	8	0	0	4	45	7	24	0	2	33	78
4	Commerce	8	13	98	64	0	3	0	186	45	10	80	1	508	69	10	146	1	226	734
5	Medicine	0	0	0	0	60	4	192	0	0	0	0	0	256	38	0	0	101	139	395
6	Tech. & Engg.	23	34	0	5	0	46	0	3	88	203	138	54	594	9	2	160	13	184	778
7	Law	0	23	2	6	4	2	0	3	0	3	0	0	43	10	21	2	2	35	78
8	Fine Arts	0	30	17	22	0	17	0	8	0	0	6	1	101	1	77	0	0	78	179
9	Family and Comm. Sciences	0	1	0	0	0	0	0	0	0	0	0	0	1	103	4	6	33	146	147
10	Social Work	0	14	0	3	5	1	0	1	0	0	0	4	28	8	2	2	1	13	41
11	Performing Arts	0	25	8	0	4	0	0	0	2	0	0	1	40	2	37	0	0	39	79
12	Mgt. Studies	0	6	0	1	0	27	0	0	5	1	0	5	45	8	0	0	0	8	53
13	Jou. & Comm.	0	4	0	0	0	0	0	0	0	0	0	0	4	1	2	0	5	8	12
14	Polytechnic	0	0	0	0	5	0	0	0	81	6	77	0	169	1	1	11	0	13	182
15	Baroda Sanskrit Mahavidyalaya	0	0	0	1	0	0	0	0	2	0	0	0	3	0	0	0	0	0	3
<b>Total</b>		<b>176</b>	<b>189</b>	<b>225</b>	<b>180</b>	<b>136</b>	<b>174</b>	<b>192</b>	<b>231</b>	<b>266</b>	<b>236</b>	<b>320</b>	<b>111</b>	<b>2436</b>	<b>377</b>	<b>394</b>	<b>344</b>	<b>276</b>	<b>1391</b>	<b>3827</b>

- |       |                                   |        |   |
|-------|-----------------------------------|--------|---|
| (i)   | K.M. - Kanaiyalal Munshi Hall     | (vii)  | J.M. - Dr. Jivraj Mehta Hall                      |
| (ii)  | M.A. - Maharshi Arvind Hall       | (viii) | T.K.G. - Prof. Tribhuvandas Karsandas Gajjar Hall |
| (iii) | M.M. - Manubhai Mehta Hall        | (ix)   | R.T. - Rabindranath Tagore Hall                   |
| (iv)  | S.P. - Sardar Patel Hall          | (x)    | M.V. - Maharshi Vishwesaraiya Hall                |
| (v)   | L.B.S. - Lal Bahadur Shastri Hall | (xi)   | S.J. - Siddharaj Jaysinh Hall                     |
| (vi)  | N.V. - Nusservanji Vakli Hall     | (xii)  | V.S. - Dr. Vikram Sarabhai Hall                   |

\*\*\*\*\*

## V

### Number of Students enrolled in various courses during the last five years

The University started with 2,926 students on its roll in 1949. In 2007-2008, it had 35,868 University students excluding certificate courses and 697 Non-University Students. The following table gives enrollment figures for the last five years. The percentage has been calculated considering 2003-2004 as the base year.

Year	Total Enrolment	Percentage (Increased/Decreased)
2003-2004	34,051	-
2004-2005	35,392	(+ ) 3.94
2005-2006	36,061	(+ ) 5.90
2006-2007	39,068	(+ ) 14.73
2007-2008	35,868	(+ ) 5.34

\* \* \* \* \*

## VI

### Statement showing the Non-University Students during the year 2007-2008

FACULTIES/INSTITUTIONS	2007-2008			2006-2007	2005-2006
	MEN	WOMEN	TOTAL		
<b>A. CERTIFICATE COURSES</b>					
Faculty of Arts	52	29	81	129	182
Baroda Sanskrit Mahavidyalaya	59	8	67	67	82
<b>B. S.S.C. H.S.C. COURSE</b>					
University Experimental School	294	169	463	475	478
<b>C. CHETAN BALWADI</b>					
	54	32	86	84	93
<b>Total</b>	<b>459</b>	<b>238</b>	<b>697</b>	<b>755</b>	<b>835</b>

\* \* \* \* \*

## VII

### SC/ST/SEBC Students in the University during the year 2007-2008

Faculties/Institutions/ Colleges	SC		ST		SEBC	
	Male	Female	Male	Female	Male	Female
Faculty of Arts	216	339	162	161	127	314
Faculty of Commerce	380	344	98	111	487	462
Faculty of Education & Psychology	12	36	12	21	8	31
Faculty of Fine Arts	16	2	20	7	61	13
Faculty of Family and Community Sciences	-	34	-	13	-	75
Faculty of Journalism & Communication	-	-	-	-	1	-
Faculty of Law	28	17	8	3	28	11
Faculty of Management Studies	5	1	10	2	18	4
Faculty of Medicine	8	2	15	12	30	16
Faculty of Performing Arts	19	8	2	2	25	19
Faculty of Science	66	62	51	62	150	186
Faculty of Social Work	14	9	8	6	27	21
Faculty of Tech. & Engg.	134	34	144	38	576	115
Baroda Sanskrit Mahaidyalaya	3	-	1	-	3	1
Shri M. K. Amin Arts & Science College and College of Commerce, Padra	14	13	1	-	10	20
Polytechnic	124	13	108	15	413	83
<b>Total</b>	<b>1039</b>	<b>914</b>	<b>640</b>	<b>453</b>	<b>1964</b>	<b>1371</b>

\*\*\*\*\*

## VIII

### Number of Differently abled Students during the year 2007-2008

Faculties/Institutions/Colleges	Male	Female	Total
Faculty of Commerce	2	3	5
Faculty of Education & Psychology	-	4	4
Faculty of Journalism & Communication	1	-	1
Faculty of Management Studies	2	-	2
Faculty of Performing Arts	3	3	6
Faculty of Social Work	2	-	2
Faculty of Tech. & Engg.	9	1	10
Polytechnic	14	2	16
<b>Total</b>	<b>33</b>	<b>13</b>	<b>46</b>

\*\*\*\*\*

## IX

### Number of Foreign Students during the year 2007-2008

Faculties/Institutions/Colleges	Male	Female	Total
Faculty of Arts	23	6	29
Faculty of Commerce	2	1	3
Faculty of Fine Arts	-	2	2
Faculty of Family and Community Sciences	-	2	2
Faculty of Performing Arts	2	2	4
Faculty of Science	1	1	2
Faculty of Social Work	-	1	1
Faculty of Tech. & Engg.	5	-	5
<b>Total</b>	<b>33</b>	<b>15</b>	<b>48</b>

\*\*\*\*\*

# X

## Result of the University Examinations for the First Half of 2007

Sr.No.	Examination	No. Regd.	Absent	Male	Number Appeared										Number Passed				Grand Total	Percentage of Pass			
					Female	Male					Female					Total	I-Class Dist.	I-Class			II-Class	Pass Class	Total
						Total	I-Class Dist.	I-Class	II-Class	Pass Class	Total	I-Class Dist.	I-Class	II-Class	Pass Class								
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19					

### FACULTY OF ARTS

1	F.Y. B.A.	2400	109	1035	1365	2400	-	41	91	135	267	-	80	189	285	554	821	35.89
2	S.Y. B.A.	1804	45	600	1196	1804	-	-	-	249	249	-	-	-	667	667	916	52.16
3	T.Y. B.A.	1278	37	403	875	1278	-	20	94	141	255	08	72	331	350	761	1016	79.49
4	M.A. Part I	587	17	154	433	587	-	-	-	110	110	-	-	-	377	377	487	86.50
5	M.A. Part II	522	19	128	394	522	02	12	55	33	102	-	87	185	69	341	443	93.26
6	B. Lib. & Inf. Sci.	22	01	05	17	22	-	04	-	-	04	-	11	05	-	16	20	95.23
7	M. Lib. & Inf. Sci.	05	-	02	03	05	01	01	-	-	02	01	02	-	-	03	05	100.00
8	Diploma in German	08	01	02	06	08	-	-	-	01	01	-	01	02	02	05	06	85.71
9	Post Diploma in German	02	01	01	01	02	-	-	-	-	01	01	-	-	-	01	01	100.00
10	Diploma in Russian	01	-	01	02	03	01	-	-	-	01	01	-	01	-	02	03	100.00
11	Post Diploma in Russian	04	-	01	03	04	01	-	-	01	01	03	-	-	-	03	04	100.00
12	Diploma in French	09	01	01	08	09	-	-	-	01	01	01	01	01	01	04	05	62.50
13	Diploma in Arabic	10	-	03	07	10	02	-	01	-	03	01	01	-	02	04	07	70.00
14	Diploma in Persian	01	-	01	-	01	01	-	-	-	01	-	-	-	-	-	01	100.00
15	Post Diploma in Persian	10	-	02	08	10	-	01	-	-	01	03	01	02	-	06	07	70.00
16	F.S. Appl. Corp. Finance	35	08	27	08	35	-	-	-	20	20	-	-	-	07	07	27	100.00
17	S.S. Appl. Corp. Finance	07	-	06	01	07	-	-	-	05	05	-	-	-	01	01	06	85.71
18	F.S. Appl. Corp. Finance	07	-	06	01	07	-	-	-	05	05	-	-	-	01	01	06	85.71

### FACULTY OF SCIENCE

1	F.Y. B.Sc.	906	29	437	469	906	-	10	27	72	109	-	28	84	89	201	310	35.42
2	S.Y. B.Sc.	568	36	247	321	568	-	-	-	86	86	-	-	-	176	176	262	49.24
3	T.Y. B.Sc.	509	22	197	312	509	05	16	53	35	109	09	56	127	60	252	361	74.27
4	M.Sc. (Previous)	383	15	217	166	383	-	-	-	139	139	-	-	-	128	128	267	72.75
5	M.Sc. (Final)	354	08	155	199	354	06	41	53	15	115	08	72	68	29	177	292	84.39
6	PG Dip Appl Bio-Chem.	16	01	06	10	16	01	03	02	-	06	01	07	01	-	09	15	100.00
7	Post M.Sc. Dip. Gen. Engg. & Bio.	06	-	03	03	06	-	03	-	-	03	-	01	02	-	03	06	100.00
8	I <sup>st</sup> Sem. B.C.A.	64	02	42	22	64	-	-	-	13	13	-	-	-	10	10	23	37.09
9	II <sup>nd</sup> Sem. B.C.A.	146	03	89	57	146	-	-	-	34	34	-	-	-	36	36	70	48.95
10	III <sup>rd</sup> Sem. B.C.A.	66	01	33	33	66	-	-	-	22	22	-	-	-	18	18	40	61.53

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
11 IV <sup>th</sup> Sem. B.C.A.	141	-	67	74	141	-	-	-	-	-	34	34	-	-	-	44	44	78	60.93
12 V <sup>th</sup> Sem. B.C.A.	18	01	08	10	18	-	-	-	-	-	02	02	-	-	-	04	04	06	35.29
13 VI <sup>th</sup> Sem. B.C.A.	76	-	42	34	76	12	09	10	10	09	02	33	04	10	09	01	24	57	100.00
14 I <sup>st</sup> Sem. B.Sc.(Env.)	20	-	11	09	20	-	-	-	-	-	05	05	-	-	-	05	05	10	50.00
15 II <sup>nd</sup> Sem. B.Sc.(Env.)	54	-	15	38	54	-	-	-	-	-	05	05	-	-	-	22	22	27	50.94
16 III <sup>rd</sup> Sem. B.Sc.(Env.)	08	-	05	03	08	-	-	-	-	-	05	05	-	-	-	02	02	07	87.50
17 IV <sup>th</sup> Sem. B.Sc.(Env.)	34	-	12	22	34	01	04	08	-	08	09	09	-	-	-	18	18	27	79.41
18 V <sup>th</sup> Sem. B.Sc.(Env.)	29	-	13	16	29	01	04	08	-	08	-	13	-	03	11	-	14	27	60.00
19 VI <sup>th</sup> Sem. B.Sc.(Env.)	46	-	33	13	46	02	07	16	-	16	03	28	01	06	06	-	13	41	100.00

**FACULTY OF EDUCATION & PSYCHOLOGY**

1 Master in Edu. Mgt.	01	-	-	01	01	01	01	-	-	-	-	-	-	01	-	-	01	01	100.00
2 Prof. Dip. in Edu. Mgt.	20	-	03	17	20	-	02	01	-	01	-	03	02	09	06	-	17	20	100.00
3 Bachelor of Edu.	170	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
4 Master of Edu.	28	-	11	17	28	01	04	06	-	06	-	11	01	14	02	-	17	28	100.00
5 P.G. Dip. in Guidance & Counsell.	11	-	03	08	11	-	-	02	-	02	-	02	-	05	01	-	06	08	72.72
6 P.G. Dip. in Clinical & Appl. Hypnotism	09	-	03	06	09	-	02	-	-	-	-	02	01	05	-	-	06	08	88.88
7 P.G. Dip. in H.R.D.	56	04	28	28	56	01	06	08	-	08	05	20	04	08	10	05	27	47	90.38
8 P.G. Dip. in C.C.P.	13	-	-	13	13	-	-	-	-	-	-	-	01	05	05	01	12	12	92.30

**FACULTY OF COMMERCE**

1 F.Y.B.Com.	8588	178	5175	3413	8588	-	298	743	885	1926	-	561	719	659	1939	3865	46.22	
2 S.Y.B.Com.	6252	294	3508	2744	6252	-	-	-	1530	1530	-	-	-	1570	1570	3100	52.29	
3 T.Y.B.Com.	5192	133	2827	2365	5192	04	104	447	732	1287	12	195	522	692	1421	2708	53.76	
4 M.Com.(Previous)	1123	95	468	655	1123	-	-	92	325	325	05	-	-	492	492	817	79.70	
5 M.Com.(Final)	788	42	291	497	788	-	39	82	82	213	05	73	219	129	426	639	85.77	
6 P.G. Dip. in Banking	85	07	49	36	85	-	01	16	07	24	-	-	06	07	15	39	50.00	
7 P.G. Dip. in Co-Operation	113	14	51	62	113	-	-	01	05	06	-	-	06	15	21	27	27.27	
8 I <sup>st</sup> Sem. P.G. Dip. in Fin.Mgt.	09	01	08	01	09	-	-	01	02	02	-	-	-	01	01	03	37.50	
9 II <sup>nd</sup> Sem. P.G. Dip. in Fin.Mgt.	43	-	23	20	43	02	14	01	-	17	03	03	01	15	01	19	36	100.00
10 III <sup>rd</sup> Sem. P.G. Dip. in Busi.Mgt.	29	-	22	07	29	-	14	07	-	21	01	01	01	05	01	07	28	96.55
11 P.G. Dip. in Sales & Advt.	20	-	12	08	20	01	04	07	-	12	01	12	01	06	01	08	20	100.00
12 P.G. Dip. in Appl. Economics	133	20	57	76	133	-	-	12	13	25	-	-	16	24	40	65	57.52	

**FACULTY OF MEDICINE (JUNE 2007)**

1 M.Sc. Medical P-I (June 2007)	10	01	04	06	10	-	-	-	-	-	01	01	-	-	-	04	04	05	55.55
2 M.Sc. Medical P-II (June 2007)	06	-	02	04	06	-	-	-	-	-	02	02	-	-	-	02	02	04	66.66
3 Dip. in Anaesthesiology	01	-	-	01	01	-	-	-	-	-	-	-	-	-	-	01	01	01	100.00
4 Dip. in Clinical Pathology	02	-	-	02	02	-	-	-	-	-	-	-	-	-	0	0	0	02	100.00
5 Dip. in Ophthalmology	02	-	01	01	02	-	-	-	-	-	01	01	-	-	-	01	01	02	100.00
6 Dip. in Gynaecology & Obstetrics	02	-	-	02	02	-	-	-	-	-	-	-	-	-	-	01	01	01	50.00

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
7	Dip. T.B. & Chest Diseases	01	-	01	-	01	-	-	-	01	01	-	-	-	-	-	01	100.00
8	Dip. in Med. Radio	02	-	01	01	02	-	-	-	01	01	-	-	-	01	01	02	100.00
9	Diagnosis P-I	02	-	01	01	02	-	-	-	01	01	-	-	-	-	01	01	50.55
10	Dip. in Med. Radio	02	-	01	01	02	-	-	-	01	01	-	-	-	-	01	02	100.00
11	Dip. in Child Health	02	-	01	01	02	-	-	-	01	01	-	-	-	-	01	02	100.00
12	Master of Surgery	32	-	29	03	32	-	-	-	22	22	-	-	03	03	03	25	78.12
13	Doctor of Medicine	79	-	55	24	79	-	-	-	35	35	-	-	16	16	16	51	69.86
14	M.Ch (Plastic Surgery)	02	-	01	01	02	-	-	-	01	01	-	-	-	01	01	02	100.00
15	First M.B.B.S	179	-	136	43	179	-	-	-	117	117	-	-	37	37	154	86.03	
16	Second M.B.B.S (March'07)	172	-	132	40	172	-	-	-	115	115	-	-	38	38	153	86.95	
17	Final M.B.B.S - P-I (Feb'07)	171	-	124	47	171	-	-	-	103	103	-	-	39	39	142	83.04	
18	Final M.B.B.S - P-II (Feb'07)	175	-	136	39	175	-	-	-	101	98	-	-	31	31	129	76.33	
19	F.Y.B. Physio. (Jan'07)	10	-	02	08	10	-	-	-	01	01	-	-	01	01	02	20.00	
20	S.Y.B. Physio (Jan'07)	15	-	05	10	15	-	-	-	04	04	-	-	06	06	10	66.66	
21	T.Y.B. Physio (Jan'07)	09	-	03	06	09	-	-	-	02	02	-	-	05	05	07	77.77	
21	Final Year B. Physio. (Jan'07)	08	-	03	05	08	-	-	-	03	03	-	-	05	05	08	100.00	

FACULTY OF TECHNOLOGY & ENGINEERING

1	F.S.B.E. - I	347	04	310	37	347	-	-	-	129	129	-	-	-	-	11	140	40.81
2	S.S.B.E. - I	604	09	525	79	604	24	49	92	84	249	07	17	16	06	46	295	49.74
3	S.S. of Post B.Sc. B.E.I	04	-	04	-	04	-	-	01	01	02	-	-	-	-	-	02	50.00
4	F.S. of Post B.Sc. B.E.I	02	-	02	-	02	-	-	01	01	01	-	-	-	-	-	01	50.00
5	S.S. of Post B.Sc. B.E.II	03	-	03	-	03	-	02	01	-	03	-	-	-	-	-	03	100.00
6	S.S. of Post B.Sc. B.E.III	02	-	02	-	02	-	01	-	-	01	-	-	-	-	-	01	50.00
7	F.S. Pre-Electronics	04	-	03	01	04	-	-	-	02	02	-	-	-	-	01	01	50.00
8	S.S. Pre-Electronics	14	01	11	03	14	-	03	05	01	09	-	01	-	01	03	75.00	
9	F.S.B.E. - II	166	04	141	25	166	-	-	-	85	85	-	-	-	15	100	61.72	
10	S.S.B.E. - II	584	-	-	-	574	-	-	-	-	-	-	-	-	15	100	61.72	
11	F.S.B.E. - III	131	13	113	18	131	-	-	-	61	61	-	-	-	12	73	61.86	
12	S.S.B.E. - III	540	09	407	133	540	31	82	134	54	301	24	30	46	20	120	79.28	
13	F.S.B.E. - IV	48	27	37	11	48	-	-	-	11	11	-	-	-	04	04	15	71.42
14	S.S.B.E. - IV	500	04	388	112	500	116	127	101	14	358	51	36	17	04	108	466	96.28
15	F.S.B.E. (PTD)	117	03	102	15	117	-	-	-	77	77	-	-	-	11	11	88	94.62
16	S.S.B.E. (PTD)	15	02	14	01	15	-	01	-	02	03	-	-	-	01	03	60.00	
17	M.E. Part - I	09	-	08	01	09	-	-	-	02	02	-	-	-	01	01	03	33.33
18	M.E. Part - II	130	02	97	33	130	-	-	-	89	89	-	-	-	32	32	121	94.53
19	M.E. Part - III/IV	129	26	89	40	129	24	44	05	73	73	17	09	02	01	29	102	100.00
20	F.S. P.G. Dip. Env.Sci.	01	-	01	-	01	-	-	-	01	01	-	-	-	-	-	01	10.00
21	S.S. P.G. Dip. Env.Sci	19	-	06	13	19	-	03	01	-	04	01	10	02	-	13	17	89.47
22	F.S. P.G. DCA	01	-	01	01	01	-	-	-	-	-	-	-	-	-	-	-	-
23	S.S. P.G. DCA	13	-	04	09	13	01	02	01	-	04	01	03	05	-	-	09	13
24	F.S. P.G. DCA-PTD	10	-	05	05	10	-	-	-	02	02	-	-	-	-	-	06	60.00
25	S.S. P.G. DCA-PTD	26	-	16	10	26	03	01	06	-	10	01	02	03	02	08	18	69.23
26	S.S. P.G. Dip. Corro.Tech.	01	-	01	-	01	-	01	-	-	01	-	-	-	-	-	01	100.00
27	S.S. P.G. Dip. Packing Engg.	19	-	12	07	19	05	04	01	-	10	06	01	-	-	07	17	89.47
28	F.S. B.Pharm.I	09	-	09	-	09	-	-	-	05	05	-	-	-	-	-	05	55.55

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	
29	S.S. B.Pharm. I	35	01	35	-	-	35	06	10	07	06	29	-	-	-	-	-	29	85.29	
30	F.S. B.Pharm. II	06	-	06	-	-	06	-	-	-	01	01	-	-	-	-	-	01	16.66	
31	S.S. B.Pharm. II	38	-	38	-	-	38	05	12	09	04	30	-	-	-	-	-	30	78.94	
32	F.S. B.Pharm. III	08	01	08	-	-	08	-	-	-	03	03	-	-	-	-	-	03	42.85	
33	S.S. B.Pharm. III	30	-	30	-	-	30	03	09	12	04	28	-	-	-	-	-	28	93.33	
34	F.S. B.Pharm. IV	01	01	01	-	-	01	-	-	-	-	34	-	-	-	-	-	34	91.89	
35	S.S. B.Pharm. IV	37	-	37	-	06	37	03	17	14	-	03	-	-	-	06	09	69.23		
36	F.S. B.Arch. I	13	-	07	06	23	13	-	-	-	03	03	01	06	06	05	18	65.85		
37	S.S. B.Arch. I	41	-	18	23	41	41	-	-	07	02	09	01	06	08	08	27	78.26		
38	F.S. B.Arch. II	23	-	12	11	23	23	-	-	-	10	10	-	-	08	18	35	76.08		
39	S.S. B.Arch. II	47	01	22	25	47	47	-	01	06	09	16	-	05	08	19	09	69.23		
40	F.S. B.Arch. III	13	-	11	02	13	13	-	-	02	08	08	03	05	09	17	30	75.00		
41	S.S. B.Arch. III	41	01	20	21	41	29	01	02	07	01	10	01	03	07	02	23	79.31		
42	S.S. B.Arch. IV	29	-	13	16	29	05	-	02	07	03	03	-	-	02	02	05	100.00		
43	F.S. B.Arch. V	05	-	03	02	05	02	02	03	06	04	15	-	04	09	02	30	85.71		
44	S.S. B.Arch. V	35	-	17	18	35	35	02	-	-	01	01	-	-	02	02	03	100.00		
45	I <sup>st</sup> Sem. M.Sc. (App. Phys.)	04	01	02	02	04	04	-	-	-	13	13	-	-	09	09	22	95.65		
46	II <sup>nd</sup> Sem. M.Sc. (App. Phys.)	24	01	14	10	24	24	-	-	-	04	04	-	03	02	04	19	90.47		
47	IV <sup>th</sup> Sem. M.Sc. (App. Phys.)	21	-	17	04	21	21	02	02	05	02	02	-	-	02	-	02	100.00		
48	I <sup>st</sup> Sem. M.Sc. (App. Chem.)	03	-	03	-	03	03	-	-	-	11	11	-	-	-	-	24	96.00		
49	II <sup>nd</sup> Sem. M.Sc. (App. Chem.)	25	-	12	13	25	25	-	-	-	-	-	-	-	-	-	-	-	-	
50	III <sup>rd</sup> Sem. M.Sc. (App. Chem.)	01	-	01	08	01	01	-	-	09	-	16	04	03	-	-	07	23	92.00	
51	IV <sup>th</sup> Sem. M.Sc. (App. Chem.)	25	-	17	08	25	25	-	07	-	-	-	-	-	-	01	01	100.00		
52	I <sup>st</sup> Sem. M.Sc. (App. Maths.)	01	-	01	01	01	01	-	-	-	10	10	-	-	33	33	43	97.72		
53	II <sup>nd</sup> Sem. M.Sc. (App. Maths.)	44	-	11	33	44	44	-	-	-	-	-	-	-	-	-	-	-	-	
54	III <sup>rd</sup> Sem. M.Sc. (App. Maths.)	02	-	01	01	02	02	02	05	01	01	09	05	17	10	01	33	42	95.45	
55	IV <sup>th</sup> Sem. M.Sc. (App. Maths.)	44	-	09	35	44	44	02	-	-	03	03	-	-	-	02	02	05	62.50	
56	F.S. MCA-I	08	-	04	04	08	08	01	07	04	01	13	03	01	03	02	09	22	68.75	
57	S.S. MCA-I	32	-	20	12	32	32	01	-	-	01	01	-	04	03	01	26	89.55		
58	F.S. MCA-II	03	-	03	-	03	03	-	-	08	01	17	01	-	-	-	01	01	100.00	
59	S.S. MCA-II	30	-	21	09	30	30	-	09	-	01	01	-	06	02	01	30	100.00		
60	F.S. MCA-III	01	-	01	-	01	01	-	12	02	02	21	-	-	-	-	09	01	100.00	
61	S.S. MCA-III	30	-	21	09	30	30	05	05	06	06	20	02	06	06	01	14	34	97.14	
62	SS. Final B.Text. (Text. Tech.)	35	-	21	14	35	35	05	08	06	01	20	02	06	06	-	-	-	-	-
63	F.S. Final B.Text. (Text. Engg.)	01	01	01	-	-	01	-	-	-	-	-	-	-	-	-	-	-	-	-
64	SS. Final B.Text. (Text. Engg.)	21	-	18	03	21	21	02	05	08	02	17	01	01	01	01	03	20	95.23	
65	F.S. F.Y.D.T.T.	12	-	09	03	12	12	-	-	-	04	04	-	-	-	-	-	04	33.33	
66	S.S. F.Y.D.T.T.	22	-	17	05	22	22	01	01	05	03	10	-	-	02	01	03	13	59.09	
67	F.S. S.Y.D.T.T.	14	01	11	03	14	14	-	-	-	06	06	-	-	-	02	02	08	61.53	
68	S.S. S.Y.D.T.T.	18	-	17	01	18	18	-	02	05	06	13	-	-	01	01	01	14	77.77	
69	F.S. T.Y.D.T.T.	05	-	03	02	05	05	-	-	-	03	03	-	-	-	02	02	05	100.00	
70	S.S.T.Y.D.T.T.	21	-	16	05	21	21	02	05	06	02	15	-	-	05	-	05	20	95.23	
71	F.S. F.Y.D.T.C.	25	-	19	06	25	25	-	-	03	07	07	-	-	01	01	01	10	31.25	
72	S.S. F.Y.D.T.C.	33	-	26	07	33	33	02	-	-	04	09	-	-	-	01	01	05	100.00	
73	F.S. S.Y.D.T.C.	06	01	05	01	06	06	-	-	-	04	04	-	-	-	-	-	04	21.05	
74	S.S. F.Y.D.T.C.	19	-	16	03	19	19	-	-	-	04	04	-	-	-	-	-	04	21.05	

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	
75 S.S. T.Y. D.T.C.	12	-	08	04	04	04	04	04	04	04	04	08	-	-	03	01	04	-	12 100.00	
76 F.S. B.Sc. D.T.C.	01	-	01	-	-	-	-	-	-	-	01	01	-	-	-	-	-	-	01 100.00	
77 S.S. B.Sc. D.T.C.	09	-	09	-	09	07	09	-	-	07	01	08	-	-	-	-	-	-	08 88.88	
<b>FACULTY OF LAW</b>																				
1 I <sup>st</sup> Sem. First LL.B. (Gen)	124	-	76	48	48	124	-	-	-	-	-	-	-	-	-	-	-	-	- 100.00	
2 II <sup>nd</sup> Sem. First LL.B. (Gen)	232	28	135	97	232	232	-	02	28	14	14	44	-	07	30	06	43	87	42.85	
3 III <sup>rd</sup> Sem Second LL.B.	71	-	54	17	71	71	-	-	-	-	-	-	-	-	-	-	-	-	-	
4 IV <sup>th</sup> Sem Second LL.B.	144	08	97	47	144	144	-	04	45	15	15	64	-	04	24	04	32	96	71.11	
5 V <sup>th</sup> Sem. LL.B. (Special)	20	-	14	06	20	20	-	-	-	-	-	-	-	-	-	-	-	-	-	
6 VI <sup>th</sup> Sem. LL.B. (Special)	77	01	43	34	77	77	-	05	28	-	-	33	-	07	22	01	30	63	84.00	
7 I <sup>st</sup> Sem. LL.M. P-I	23	01	10	13	23	23	-	01	08	-	-	09	-	01	12	-	13	22	100.00	
8 II <sup>nd</sup> Sem. LL.M. P-I	31	-	16	15	31	31	-	02	14	-	-	16	-	03	12	-	15	31	100.00	
9 III <sup>rd</sup> Sem. LL.M. P-II	02	-	02	-	-	02	-	-	01	-	-	01	-	-	-	-	-	-	-	
10 LL. M. Part - I	50	14	32	18	50	50	-	-	-	-	-	12	-	-	-	-	-	01	50.00	
11 LL. M. Part - II	159	19	76	83	159	159	-	-	-	-	12	12	-	-	10	10	10	22	61.11	
12 D.T.P.	24	-	16	08	24	24	-	-	-	-	39	39	-	-	53	53	53	92	65.71	
13 I <sup>st</sup> Sem. B.A. LL.B.-I	68	-	37	31	68	68	-	-	-	-	37	37	-	-	-	-	-	-	-	
14 II <sup>nd</sup> Sem. B.A. LL.B.-I	64	-	35	29	64	64	-	-	-	-	35	35	-	-	-	31	31	68	100.00	
15 III <sup>rd</sup> /IV <sup>th</sup> Sem. B.A. LL.B.-II	64	-	35	29	64	64	-	-	-	-	35	35	-	-	-	29	29	64	100.00	
<b>FACULTY OF FINE ARTS</b>																				
1 Bachelor of Fine Arts	62	-	28	34	62	62	-	10	17	01	01	28	01	17	12	04	34	62	100.00	
2 Master of Visual Arts Part II	49	-	33	16	49	49	03	22	06	01	01	32	01	13	02	-	16	48	97.95	
3 Dip. in Visual Arts	12	-	09	03	12	12	-	-	07	01	01	08	-	01	02	-	03	11	91.66	
4 Post Dip. in Visual Arts	16	-	10	06	16	16	-	03	03	03	03	09	01	01	04	-	06	15	93.75	
<b>FACULTY OF FAMILY &amp; COMMUNITY SCIENCES</b>																				
1 B.Sc. (Home)	313	05	-	308	313	313	-	-	-	-	-	-	-	-	-	-	308	308	100.00	
2 M.Sc. (Home)	38	-	-	38	38	38	-	-	-	-	-	-	01	12	23	02	38	38	100.00	
3 P.G. Dip. Dev. Mgt.	12	-	-	12	12	12	-	-	-	-	-	-	-	06	04	02	12	12	100.00	
4 P.G. Dip. in ECCE	23	-	-	23	23	23	-	-	-	-	-	-	06	09	07	01	23	23	100.00	
<b>FACULTY OF JOURNALISM &amp; COMMUNICATION</b>																				
1 I <sup>st</sup> Sem. MCS	07	-	06	01	07	07	-	-	-	-	05	05	-	-	-	-	01	01	06	85.71
2 II <sup>nd</sup> Sem. MCS	19	-	11	08	19	19	-	-	-	-	10	10	-	-	-	08	08	18	94.73	
3 III <sup>rd</sup> Sem. MCS	02	-	01	01	02	02	-	-	-	-	01	01	-	-	-	01	01	02	100.00	
4 IV <sup>th</sup> Sem. MCS	20	-	11	09	20	20	-	04	06	-	-	10	-	06	03	-	09	19	95.00	
<b>FACULTY OF SOCIAL WORK</b>																				
1 M.S.W.	40	-	14	26	40	40	-	-	-	-	14	14	-	-	-	26	26	40	100.00	
2 I.R.P.M	35	-	24	11	35	35	-	-	-	-	24	24	-	-	-	11	11	35	100.00	

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
3 D.H.M.I.	20	-	02	18	20	-	-	-	-	-	02	02	-	-	-	18	18	20	100.00
4 S.D.O.M	22	-	04	18	22	-	-	-	-	-	04	04	-	-	-	18	18	22	100.00
5 D.C.C.M	10	-	02	08	10	-	-	-	-	-	02	02	-	-	-	08	08	10	100.00
6 M.H.R.M.	39	-	13	26	39	-	-	-	-	-	13	13	-	-	-	26	26	39	100.00
7 D.H.R.M.	42	-	21	21	42	-	-	-	-	-	21	21	-	-	-	21	21	42	100.00
<b>FACULTY OF PERFORMING ARTS</b>																			
1 M.P.A	36	-	19	17	36	02	12	03	01	18	01	18	01	09	07	-	17	35	97.22
2 B.P.A.	59	01	29	30	59	03	05	14	04	26	02	26	02	13	09	02	26	52	91.22
3 D.P.A	64	03	27	37	64	02	13	08	01	24	03	24	03	24	07	01	35	59	96.72
4 Post Diploma in Natuvangam (BN)	01	-	-	01	01	-	-	-	-	-	-	-	-	01	-	-	01	01	100.00
<b>POLYTECHNIC</b>																			
1 F.S.F.Y.(CME)SSC	332	22	276	56	332	23	23	-	-	87	87	87	-	-	-	21	21	108	34.95
2 S.S.F.Y.(CME)SSC	566	07	459	107	566	03	03	-	-	68	192	192	01	03	25	27	56	248	44.60
3 F.S.F.Y.(CME)HSC	03	01	03	-	03	-	-	-	-	01	01	01	-	-	-	-	-	01	50.00
4 S.S.F.Y.(CME)HSC	18	03	18	-	18	-	-	-	-	03	03	03	-	-	-	-	-	03	20.00
5 F.S.S.Y.(CME)SSC	113	07	92	21	113	21	31	58	45	45	45	45	04	10	21	12	12	57	53.77
6 S.S.S.Y.(CME)SSC	297	09	233	64	297	06	06	35	21	148	21	21	-	-	-	-	-	195	71.16
7 F.S.S.Y.(CME)HSC	57	03	56	01	57	02	06	06	32	75	02	75	-	01	-	-	01	76	67.85
8 S.S.S.Y.(CME)HSC	115	-	113	02	115	02	06	06	07	07	07	07	-	-	-	03	03	10	90.90
9 F.S. Final Dip.(C)SSC	17	05	12	05	17	-	-	-	11	11	11	11	-	-	-	-	-	11	52.38
10 F.S. Final Dip. (M)SSC	28	07	28	01	28	-	-	-	01	01	01	01	-	-	-	-	-	01	100.00
11 F.S. Final Dip. (E)SSC	03	02	02	01	03	-	-	-	08	08	08	08	03	04	03	02	12	67	84.81
12 S.S. Final Dip.(C)SSC	81	02	68	13	81	15	11	21	21	13	13	84	-	-	-	-	-	84	84.00
13 S.S. Final Dip. (M)SSC	103	03	103	-	103	12	22	37	37	14	03	57	06	05	07	01	19	76	95.00
14 S.S. Final Dip. (E)SSC	80	-	60	20	80	25	15	14	14	03	-	-	-	-	-	-	-	-	-
15 F.S. Final Dip.(C)(HSC)	-	-	09	-	09	-	-	-	-	05	05	05	-	-	-	-	-	05	55.55
16 F.S. Final Dip.(M)(HSC)	09	-	09	-	09	-	-	-	04	04	04	04	-	-	-	-	-	04	66.66
17 F.S. Final Dip.(E)(HSC)	09	03	09	-	09	-	-	-	04	04	04	04	02	01	-	-	03	07	87.50
18 S.S. Final Dip.(C)(HSC)	08	-	05	03	08	05	01	03	03	-	07	50	02	01	-	01	02	52	92.95
19 S.S. Final Dip.(M)(HSC)	56	-	54	02	56	05	12	26	26	04	29	29	03	03	01	01	07	36	94.73
20 S.S. Final Dip.(E)(HSC)	40	02	33	07	40	01	07	17	17	04	04	04	04	03	-	-	-	04	50.00
21 F.S. Final (C)(EDC)	08	03	08	-	08	08	-	-	-	03	03	03	-	-	-	-	-	03	60.00
22 F.S. Final (M)(EDC)	02	-	01	01	02	08	-	-	-	01	01	01	-	-	-	01	01	02	100.00
23 F.S. Final (E)(EDC)	21	-	20	01	21	02	03	07	07	02	02	15	01	-	-	-	01	16	84.21
24 S.S. Final (C)(EDC)	28	02	28	-	28	02	07	07	03	19	17	17	-	-	-	-	-	18	90.00
25 S.S. Final (M)(EDC)	21	01	20	01	21	05	07	05	05	01	01	01	01	01	06	04	04	05	25.00
26 S.S. Final (E)(EDC)	21	01	10	11	21	01	01	04	04	01	01	06	01	02	01	05	05	20	60.60
27 F.S. F.Y.I.T.(HSC)	33	-	14	19	33	09	02	02	02	06	06	06	-	-	-	-	-	09	100.00
28 S.S. F.Y.I.T.(HSC)	08	-	06	03	08	09	02	02	13	13	13	13	-	-	-	03	03	16	37.20
29 S.S. S.Y.I.T.(HSC)	43	-	36	07	43	07	03	03	11	11	11	11	-	-	01	02	03	22	32.35
30 F.S. F.Y. PCT	69	01	57	12	69	02	03	03	03	03	03	03	-	-	01	01	01	06	35.29
31 S.S. F.Y. PCT	20	02	16	04	20	-	-	-	-	05	05	05	-	-	-	-	-	01	-
32 F.S. S.Y. PCT	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	
33	S.S. S.Y. PCT	39	02	35	04	39	01	03	11	07	22	-	-	01	01	02	24	66.66	
34	F.S. Final PCT	06	01	05	01	06	-	-	-	04	04	-	-	-	01	01	05	100.00	
35	S.S. Final PCT	32	-	30	02	32	03	02	23	02	30	-	01	-	-	01	31	96.87	
<b>BARODA SANSKRIT MAHAVIDYALAYA</b>																			
1	F.Y. Shastri	42	03	31	11	42	-	05	09	05	19	-	05	02	01	08	27	69.23	
2	S.Y. Shastri	28	-	25	03	28	0	-	-	18	18	-	-	-	02	02	20	71.42	
3	T.Y. Shastri	25	01	19	06	25	01	03	07	02	13	-	01	05	-	06	19	79.16	
4	F.Y. Visharad	66	05	56	10	66	-	02	05	02	09	-	01	01	02	04	13	21.31	
5	S.Y. Visharad	35	03	29	06	35	-	05	06	03	14	-	-	03	-	03	17	53.12	
6	Acharya Part - I	18	02	16	02	18	-	-	01	08	09	-	-	-	02	02	11	91.66	
7	Acharya Part - II	11	-	09	02	11	06	03	-	-	09	01	01	-	-	02	11	100.00	

\*\*\*\*\*

# XI

## Result of the University Examinations for the Second Half of 2007

Sr.No.	Examination	No. Regd.	Number Appeared											Number Passed					Grand Total	Percentage of Pass							
			Male					Female						Male							Female						
			3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18			19	13	14	15	16	17	18
<b>FACULTY OF ARTS</b>																											
1	F.Y.B.A	1043	139	461	582	1043	-	-	-	-	97	97	01	02	209	212	309	34.40									
2	S.Y.B.A	696	72	274	422	696	-	-	-	111	111	-	-	-	220	220	331	53.30									
3	T.Y.B.A	151	20	60	91	151	-	-	05	13	18	01	-	-	20	21	39	30.00									
4	M.A. Part-I	60	12	23	37	60	-	-	-	09	09	-	-	22	22	31	64.58										
5	M.A. Part-II	35	06	12	23	35	-	-	01	04	05	-	01	02	09	12	17	58.62									
6	I <sup>st</sup> Sem. P.G. Dip. App. Corp. Fin.	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-									
7	II <sup>nd</sup> Sem. P.G. Dip. App. Corp. Fin. (September, 07)	35	08	26	09	35	-	01	12	-	13	-	01	04	-	05	18	66.6									
<b>FACULTY OF SCIENCE</b>																											
1	F.Y. B.Sc.	425	33	226	199	425	-	01	05	47	53	-	-	07	64	71	124	31.71									
2	S.Y. B.Sc.	272	38	140	132	272	-	-	-	39	39	-	-	-	47	47	86	36.75									
3	T.Y. B.Sc.	123	18	71	52	123	-	-	04	24	28	-	-	12	17	29	57	54.28									
4	M.Sc. (Previous)	85	10	61	24	85	-	-	-	25	25	-	-	-	07	07	32	42.66									
5	M.Sc. (Final)	356	02	20	16	36	-	-	06	04	10	-	01	05	04	10	20	62.50									
6	F.S. P.G. Dip. Disaster Mgt.	14	-	10	04	14	-	-	-	10	10	-	-	-	04	04	14	100.00									
7	F.S. M.Sc. Petrogeology	20	-	19	01	20	-	-	-	19	19	-	-	-	01	01	20	100.00									
8	I <sup>st</sup> Sem. B.C.A.	154	-	90	64	154	-	-	-	36	36	-	-	-	34	34	70	45.45									
9	II <sup>nd</sup> Sem. B.C.A.	-	-	-	-	-	-	-	-	-	-	-	-	-	-	41	72	56.69									
10	III <sup>rd</sup> Sem. B.C.A.	128	01	67	61	128	-	-	-	31	31	-	-	-	-	-	-	-									
11	IV <sup>th</sup> Sem. B.C.A.	-	-	-	-	-	-	-	-	30	30	-	-	-	45	45	75	68.18									
12	V <sup>th</sup> Sem. B.C.A.	110	-	50	60	110	-	-	-	06	06	-	-	-	23	23	29	56.86									
13	I <sup>st</sup> Sem. B.Sc. (Env.)	52	01	14	38	52	-	-	-	02	02	-	-	-	09	09	11	52.38									
14	II <sup>nd</sup> Sem. B.Sc. (Env.)	31	-	09	12	21	-	-	-	08	08	-	-	-	19	19	27	72.97									
15	III <sup>rd</sup> Sem. B.Sc. (Env.)	28	-	12	26	38	-	-	-	02	02	-	-	-	02	02	04	80.00									
16	IV <sup>th</sup> Sem. B.Sc. (Env.)	05	-	02	03	05	-	-	-	09	09	-	-	-	17	17	26	86.66									
17	V <sup>th</sup> Sem. B.Sc. (Env.)	30	-	12	18	30	-	-	-	09	09	-	-	-	-	-	-	-									
<b>FACULTY OF EDUCATION &amp; PSYCHOLOGY</b>																											
1	Bachelor of Edu.	11	-	06	05	11	-	-	-	04	04	-	-	04	-	04	09	-									
2	Master of Education	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-									

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
<b>FACULTY OF COMMERCE</b>																			
1	F.Y. B.Com.	4116	309	2643	1473	4116	-	-	-	-	557	557	-	-	-	398	398	955	25.12
2	S.Y. B.Com.	2983	318	1772	1211	2983	-	-	-	-	621	621	-	-	-	502	502	1123	42.28
3	T.Y. B.Com.	1559	174	926	633	1559	-	-	01	02	413	416	-	-	02	289	291	707	51.38
4	M.Com. (Previous)	225	44	101	124	225	-	-	-	-	28	28	-	-	-	53	53	81	45.00
5	M.Com. (Final)	128	35	49	79	128	0-	01	07	12	20	20	01	-	06	28	35	55	63.21
6	P.G. Dip. in Banking	07	-	01	06	07	-	-	-	-	-	-	-	-	-	-	-	-	-
7	P.G. Dip. Inco-Operation.	13	05	04	09	13	-	-	-	-	-	-	-	-	-	-	04	04	50.00
8	1 <sup>st</sup> Sem. P.G. Dip. in Fin. Mgt.	-	04	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
9	P.G. Dip. in Appl. Economics	08	04	01	07	08	-	-	-	-	-	-	-	-	-	-	-	-	-
10	P.G. Dip. in Busi. Admn.	08	04	05	03	08	-	-	-	-	-	-	-	-	-	01	01	02	50.00
11	P.G. Dip. in A/c & Fin.	23	07	11	12	23	-	-	01	01	01	02	-	-	04	04	04	06	37.50
12	F.S. P.G. Dip. Fin. Mgt.	51	01	24	27	51	-	-	-	-	12	12	-	-	23	23	35	35	70.00
<b>FACULTY OF MEDICINE (NOV/DEC 2007)</b>																			
1	First M.B.B.S.	24	-	21	03	24	-	-	-	-	16	16	-	-	-	03	03	19	83.33
2	Second M.B.B.S (Aug'07)	49	-	43	06	49	-	-	-	32	32	32	-	-	-	05	05	37	75.51
3	Final M.B.B.S. P-I (Aug'07)	45	-	32	13	45	-	-	-	25	25	25	-	-	-	13	13	38	84.44
4	Final M.B.B.S. P-II (Aug'07)	45	-	38	07	45	-	-	-	36	36	36	-	-	-	07	07	43	95.56
5	M.Sc. Medical P-I	05	-	03	02	05	-	-	-	01	01	01	-	-	-	01	01	02	40.00
6	M.Sc. Medical P-II	05	-	01	04	05	-	-	-	01	01	01	-	-	-	04	04	05	100.00
7	Diploma in Med. Radio Diag. Part II	01	-	-	01	01	-	-	-	-	-	-	-	-	-	01	01	01	100.00
8	Doctor of Medicine	26	-	16	10	26	-	-	-	02	02	02	-	-	-	04	04	06	66.66
9	Doctor of Medicine	17	-	12	05	17	-	-	-	11	11	11	-	-	-	02	02	13	76.47
10	Master of Surgery	08	-	08	-	08	-	-	-	05	05	05	-	-	-	-	-	05	62.50
11	F.Y.B. Physio. (Aug'07)	98	01	23	75	98	-	-	-	06	06	06	-	-	53	53	59	60.82	
12	S.Y.B. Physio (Aug'07)	43	-	09	34	43	-	-	-	08	08	08	-	-	31	31	39	90.69	
13	T.Y.B. Physio (Aug'07)	34	-	07	27	34	-	-	-	06	06	06	-	-	27	27	33	97.05	
14	Final Year B.Physio. (Aug'07)	34	-	07	27	34	-	-	-	07	07	07	-	-	27	27	34	100.00	
<b>FACULTY OF TECHNOLOGY &amp; ENGINEERING</b>																			
1	F.S. B.E. - I	733	15	620	113	733	-	-	-	-	271	271	-	-	-	678	68	339	47.21
2	S.S. B.E. - I	282	13	249	33	282	-	-	-	87	87	87	-	-	18	18	105	39.03	
3	F.S. of Post B.Sc. B.E.I	01	-	01	-	01	-	-	-	-	-	-	-	-	-	-	-	-	-
4	S.S. of Post B.Sc. B.E.I	02	-	02	-	02	-	-	-	01	01	01	-	-	-	-	-	-	-
5	F.S. of Post B.Sc. B.E.II	04	-	04	-	04	-	-	-	03	03	03	-	-	-	-	-	01	50.00
6	S.S. of Post B.Sc. B.E.II	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	03	75.00
7	F.S. of Post B.Sc. B.E.III	04	-	04	-	04	-	-	-	04	04	04	-	-	-	-	-	04	100.00
8	F.S. Pre-Electronics	09	-	08	01	09	-	-	-	06	06	06	-	-	01	01	07	77.77	
9	S.S. Pre-Electronics	01	-	01	-	01	-	-	-	-	-	-	-	-	-	-	-	-	-
10	F.S. B.E. - II	541	14	467	74	541	-	-	-	310	310	310	-	-	62	62	372	70.58	
11	S.S. B.E. - II	145	06	125	145	-	-	-	-	68	68	68	-	-	09	09	77	55.39	
12	F.S. B.E. - III	593	16	460	133	593	-	-	-	321	321	321	-	-	108	108	429	74.35	
13	S.S. B.E. - III	101	11	93	08	101	-	-	-	41	41	41	-	-	05	05	46	51.11	

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
13	F.S. B.E. - IV	514	09	374	140	514	-	-	-	333	333	-	-	-	128	128	461	91.46
14	S.S. B.E. - IV	22	04	18	04	22	-	02	02	05	09	-	-	-	-	-	09	50.00
15	F.S. B.E. - IV (PTD)	23	13	21	02	23	16	29	27	03	03	02	07	04	01	14	89	84.76
16	S.S. B.E. - IV (PTD)	113	07	98	15	113	-	-	-	03	75	-	-	-	43	43	124	91.85
17	M.E. Part I	139	04	94	45	139	-	-	-	81	81	-	-	-	-	-	-	-
18	M.E. Part II	04	01	04	-	04	-	-	-	-	-	-	-	03	-	05	07	100.00
19	M.E. Part III-IV	19	12	11	08	19	-	02	-	-	02	-	02	-	14	14	33	84.61
20	F.S. B. Pharm. I	41	01	26	15	41	-	-	-	19	19	-	-	-	01	01	02	25.00
21	S.S. B. Pharm. I	10	02	08	02	10	-	-	-	01	01	-	-	-	07	07	21	63.63
22	F.S. B. Pharm. II	33	-	24	09	33	-	-	-	14	14	-	-	-	-	-	01	11.11
23	S.S. B. Pharm. II	09	-	06	03	09	-	-	-	01	01	-	-	-	09	09	24	75.00
24	F.S. B. Pharm. III	33	01	20	13	33	-	-	-	15	15	-	-	-	01	01	04	50.00
25	S.S. B. Pharm. III	08	-	06	02	08	-	-	-	03	03	-	-	-	11	11	33	94.28
26	F.S. Final B. Pharm.	36	01	25	11	36	-	-	-	22	22	-	-	-	-	-	-	-
27	S.S. Final B. Pharm.	02	01	02	-	02	-	-	-	-	27	-	-	-	15	15	42	97.67
28	M. Pharm. Part I	44	01	28	16	44	-	-	-	08	08	-	-	-	17	17	25	59.52
29	F.S. B. Arch. I	44	02	16	28	44	-	-	-	04	04	-	-	-	-	-	04	33.33
30	S.S. B. Arch. I	14	02	10	04	14	-	-	-	06	06	-	-	-	12	12	18	56.25
31	F.S. B. Arch. II	33	01	17	16	33	-	-	-	03	03	-	-	-	07	07	10	71.42
32	S.S. B. Arch. II	14	-	06	08	14	-	-	-	11	11	-	-	-	18	18	29	78.37
33	F.S. B. Arch. III	38	01	15	23	38	-	-	-	06	06	-	-	-	06	06	12	75.00
34	S.S. B. Arch. III	17	01	10	07	17	-	-	-	18	18	-	-	-	22	22	40	100.00
35	F.S. B. Arch. IV	40	-	18	22	40	-	-	-	-	-	-	-	-	-	-	-	-
36	S.S. B. Arch. IV	05	02	03	02	05	-	-	-	06	06	-	-	-	20	20	26	72.22
37	F.S. B. Arch. V	37	01	14	23	37	-	-	-	02	02	-	-	-	-	-	02	33.33
38	S.S. B. Arch. V	08	01	05	03	08	-	-	-	08	08	-	-	-	19	19	27	79.41
39	I <sup>st</sup> Sem M.Sc. (App. Maths.)	34	-	08	26	34	-	-	-	09	09	-	-	-	31	31	40	95.23
40	III <sup>rd</sup> Sem M.Sc. (App. Maths.)	42	-	09	33	42	-	-	-	10	10	-	-	-	04	04	14	50.00
41	I <sup>st</sup> Sem M.Sc. (App. Phys.)	28	-	20	08	28	-	-	-	-	-	-	-	-	01	01	-	-
42	II <sup>nd</sup> Sem M.Sc. (App. Phys.)	01	-	-	01	01	-	-	-	11	11	-	-	-	10	10	21	100.00
43	III <sup>rd</sup> Sem M.Sc. (App. Phys.)	21	-	11	10	21	-	-	-	01	01	-	-	-	-	-	01	50.00
44	IV <sup>th</sup> Sem M.Sc. (App. Phys.)	02	-	02	-	02	-	-	-	16	16	-	-	-	13	13	29	82.85
45	I <sup>st</sup> Sem. M.Sc. (App. Chem.)	36	01	22	14	36	-	-	-	-	-	-	-	-	-	-	-	-
46	II <sup>nd</sup> Sem. M.Sc. (App. Chem.)	01	-	01	-	01	-	-	-	11	11	-	-	-	12	12	23	92.00
47	III <sup>rd</sup> Sem. M.Sc. (App. Chem.)	25	-12	13	25	-	-	-	11	01	01	-	-	-	-	-	01	50.00
48	IV <sup>th</sup> Sem. M.Sc. (App. Chem.)	02	-	04	19	02	-	-	-	02	02	-	-	-	16	16	18	85.71
49	F.S. P.G. D.C.A. (Reg.)	23	02	04	19	23	-	-	-	-	-	-	-	-	-	-	-	-
50	S.S. P.G. Dip. Env. Sci.	01	-	01	-	01	-	-	-	-	-	-	-	-	16	16	36	92.30
51	F.S. P.G. D.C.A. (PTD)	41	02	25	16	41	-	-	-	20	20	-	-	-	-	-	03	60.00
52	S.S. P.G. D.C.A. (PTD)	05	-	03	02	05	03	05	-	03	03	-	-	01	-	-	20	95.23
53	3 <sup>rd</sup> Sem. P.G. D.C.A. (PTD)	21	-	12	09	21	-	-	02	01	11	01	03	-	04	09	08	72.72
54	F.S. P.G. Dip. (Pkg. Engg.)	12	01	09	03	12	-	-	-	05	05	-	-	-	03	03	01	50.00
55	S.S. P.G. Dip. (Pkg. Engg.)	02	-	02	-	02	-	-	-	07	07	-	-	-	13	13	20	100.00
56	F.S. M.Sc. Bioinformatics	20	-	07	13	20	-	-	-	10	10	-	-	-	-	-	10	100.00
57	F.S. M.Sc. Mat. Sci. (NanoTech)	10	-	10	-	10	-	-	-	19	19	-	-	-	08	08	27	81.81
58	F.S. M.C.A. I	34	01	25	09	34	-	-	-	-	-	-	-	-	-	-	-	-

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
59	S.S. M.C.A. I		09		06	03	09												
60	F.S. M.C.A. II		28	01	17	11	28									02	02	05	55.55
61	S.S. M.C.A. II		04		04		04				16	16				074	07	23	85.18
62	F.S. M.C.A. III		26		16	10	26				16	16						02	50.00
																09	09	25	96.15
<b>FACULTY OF LAW</b>																			
1	I <sup>st</sup> Sem. First LL.B. (Gen.)	262		150	112	262													
2	II <sup>nd</sup> Sem. First LL.B. (Gen.)	104	21	70	34	104					13	13							
3	III <sup>rd</sup> Sem. Second LL.B.	118		69	49	118										07	07	20	24.09
4	IV <sup>th</sup> Sem. Second LL.B.	26	04	21	05	26					03	03							
5	V <sup>th</sup> Sem. LL.B. (Special)	100		57	43	100										01	01	04	18.18
6	VI <sup>th</sup> Sem. LL.B. (Special)	02		01	01	02													
7	I <sup>st</sup> Sem. LL.M. Part-I	50		35	15	50													
8	III <sup>rd</sup> Sem. LL.M. P-II	33		12	21	33													
10	F.S. P.G. Dip. Human Rights	09		06	03	09													
11	F.S. P.G. Dip. Cyber Laws	23		18	05	23													
12	F.S. Sem. P.G. Dip. DLP	55		38	17	55													
13	S.S. Sem. P.G. Dip. DLP	04		02	02	04													
14	D.L.P.(O.C.)	06	01	04	02	06					03	03				02	02	02	50.00
15	D.T.P. (O.C.)	07		05	02	07					03	03				01	01	04	
16	I <sup>st</sup> Sem. B.A. LL.B.-I	72		37	35	72					03	03				01	01	04	57.14
17	III <sup>rd</sup> Sem. B.A. LL.B.-II	68		43	25	68													
18	V <sup>th</sup> Sem. B.A. LL.B.-III	74		46	28	74													

**FACULTY OF JOURNALISM & COMMUNICATION**

1	I <sup>st</sup> Sem. MCS	20		03	17	20						03				15	15	18	90.00
2	II <sup>nd</sup> Sem. MCS	01			01	01										01	01	01	100.00
3	III <sup>rd</sup> Sem. MCS	18		06	12	18					05	05				12	12	17	94.44

**POLYTECHNIC**

1	F.S. F.Y.(CME) (SSC)	656	12	524	132	656						233				77	77	310	48.13
2	S.S. F.Y.(CME) (SSC)	216	09	179	37	216						78				12	12	90	43.68
3	F.S. F.Y.(CME) (HSC)	03		03		03					01	01						01	33.33
4	S.S. F.Y.(CME) (HSC)	14	03	14		14					04	04						04	36.36
5	F.S. S.Y.(CME) (SSC)	404	12	323	81	404					225	225				54	54	279	71.71
6	S.S. S.Y.(CME) (SSC)	81	09	70	11	81					29	29				08	08	37	51.38
7	F.S. S.Y.(CME) (HSC)	42	06	40	02	42					10	10				01	01	11	31.42
8	S.S. S.Y.(CME) (HSC)	23	04	23		23					06	06						06	31.57
9	F.S. Final Dip. (C) (SSC)	100		74	26	100					62	62				25	25	87	87.00
10	F.S. Final Dip. (M) (SSC)	96	03	94	02	96					75	75				02	02	77	82.79
11	F.S. Final Dip. (E) (SSC)	75	01	47	28	75					39	39				26	26	65	87.83
12	S.S. Final Dip.(C) (SSC)	11	01	11		11					04	04						04	44.44
13	S.S. Final Dip.(M) (SSC)	11	04	11		11				01	04	05						05	71.42

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
14	S.S. Final Dip.(E) (SSC)	02	-	02	-	02	-	-	01	01	02	-	-	-	-	-	02	100.00
15	F.S. Final Dip (C) (HSC)	03	-	03	-	03	-	-	-	03	03	-	-	-	-	-	03	100.00
16	F.S. Final Dip.(M) (HSC)	62	01	60	02	62	-	-	-	56	56	-	-	-	02	02	58	95.08
17	F.S. Final Dip.(E) (HSC)	42	02	41	01	42	-	-	-	33	33	-	-	-	-	-	33	82.50
18	S.S. Final Dip.(C) (HSC)	02	01	02	-	02	-	-	-	01	01	-	-	-	-	-	01	100.00
19	S.S. Final Dip.(M) (HSC)	03	-	03	-	03	-	-	-	-	-	-	-	-	-	-	-	-
20	S.S. Final Dip.(E) (HSC)	01	-	01	-	01	-	-	-	09	09	-	-	-	-	-	09	69.23
21	F.S. Final (C) (EDC)	13	-	13	-	13	-	-	-	18	18	-	-	-	-	-	18	64.28
22	F.S. Final (M) (EDC)	30	02	30	-	30	-	-	-	19	19	-	-	-	-	-	19	82.60
23	F.S. Final (E) (EDC)	23	-	23	-	23	-	-	01	01	01	-	-	-	-	-	01	50.00
24	S.S. Final (C) (EDC)	02	-	02	-	02	-	-	-	01	01	-	-	-	-	-	01	50.00
26	S.S. Final (M) (EDC)	03	01	03	-	03	-	-	01	01	01	-	-	-	-	-	01	100.00
27	S.S. Final Dip.(E) (HSC)	01	-	01	-	01	-	-	01	08	08	-	-	-	12	12	20	44.44
28	F.S. F.Y. Dip. (IT)	45	-	20	25	45	-	-	-	01	01	-	-	-	-	-	01	12.50
29	S.S. F.Y. Dip. (IT)	08	-	05	03	08	-	-	-	08	08	-	-	-	19	19	27	87.09
30	F.S. S.Y. Dip. (IT)	31	-	12	19	31	-	-	-	05	05	-	-	-	03	03	08	100.00
31	F.S. Final Dip. (IT)	08	-	05	03	08	-	-	-	26	26	-	-	-	06	06	32	47.76
32	F.S. F.Y. PCT	69	02	58	11	69	-	-	-	07	07	-	-	-	02	02	09	29.03
33	S.S. F.Y. PCT	33	02	28	05	33	-	-	-	18	18	-	-	-	05	05	23	51.11
34	F.S. S.Y. PCT	47	02	37	10	47	-	-	-	02	02	-	-	-	-	-	02	20.00
35	S.S. S.Y. PCT	11	01	09	02	11	-	-	-	26	26	-	-	-	02	02	28	100.00
36	F.S. Final PCT	28	-	26	02	28	-	-	-	-	-	-	-	01	-	-	01	100.00
37	S.S. Final PCT	01	-	-	01	01	-	-	-	-	-	-	-	-	-	-	-	-

**BARODA SANSKRIT MAHAVIDYALAYA**

1	F.Y. Shastrī	09	01	07	02	09	-	-	-	05	05	-	-	-	02	02	07	87.50
2	S.Y. Shastrī	05	-	04	01	05	-	-	-	01	01	-	-	-	01	01	02	40.00
3	T.Y. Shastrī	02	-	02	-	02	-	-	01	01	02	-	-	-	-	-	02	100.00
4	F.Y. Visharad	22	01	21	01	22	-	-	-	08	08	-	-	-	01	01	03	14.28
5	S.Y. Visharad	11	-	10	01	11	-	-	-	01	01	-	-	-	-	-	08	72.72
6	Acharya Part - I	01	-	01	-	01	-	-	-	01	01	-	-	-	-	-	01	100.00
7	Acharya Part - II	15	01	13	02	15	02	05	01	01	09	02	-	-	-	02	11	78.57

\*\*\*\*\*

## XII

### List of Degree/Diploma Conferred at Fifty Sixth Annual Convocation held on 29-09-2007

Sr. No	Name of Degree	Total	Sr. No	Name of Degree	Total
1	Doctor of Philosophy (Arts)	17	29	Bachelor of Education	159
2	Doctor of Philosophy (Science)	21	30	Dip. in Clinical and Comm. Psychology	12
3	Doctor of Philosophy (Edu. & Psy.)	6	31	Dip. in Human Resource Development	47
4	Doctor of Philosophy (Commerce)	3	32	Professional Dip. in Educational Mgt.	20
5	Doctor of Philosophy (Tech. & Engg.)	23	33	P.G. Dip. in Guidance & Counseling	19
6	Doctor of Philosophy (Law)	4	34	P.G. Dip. in Clinical & Appl. Hypno	8
7	Doctor of Philosophy (Family and Community Sciences)	3	35	Master of Commerce	749
8	Doctor of Philosophy (Social Work)	1	36	Bachelor of Commerce	3716
9	Doctor of Philosophy (Performing Arts)	1	37	P.G. Dip. in Banking and Insurance	33
10	Doctor of Philosophy (Management Studies)	2	38	Diploma in Co-Operation	11
11	Doctor of Medicine	72	39	Diploma in Business Management	32
12	Master of Surgery	34	40	Bachelor of Business Administration	71
13	M.Ch.(Plastic Surgery)	2	41	P.G. Dip. in Financial Mgt.	27
14	Master of Arts	473	42	P.G. Dip. in Applied Economics	35
15	Master of Library & Information Science	10	43	P.G. Dip. in Marketing Management	14
16	Acharya	11	44	P.G. Dip. in Accounts and Finance	25
17	Bachelor of Arts	1061	45	P.G. Dip. in Business Administration	48
18	Shastri	23	46	M.Sc. (Medicine)	7
19	Bachelor of Library & Inform Science	24	47	M.B.B.S	280
20	P.G. Dip in Applied Corp. Finance	31	48	Bachelor of Physiotherapy	36
21	Master of Science	295	49	Diploma in Anesthesia	2
22	Post M.Sc.Dip. in Genetic	7	50	Diploma in Clinical Pathology	2
23	Bachelor of Science	420	51	Diploma in Child Health	2
24	P.G. Dip in Applied Bio-chemistry	15	52	Diploma in Medical Radio Diagnosis	1
25	B.Sc. Environmental Science	31	53	Diploma in Obstet. and Gynaecology	1
26	Bachelor of Computer Application	71	54	Diploma in Ophthalmology	2
27	Master of Education	28	55	Diploma in Tuberc. and Chest Disease	1
28	Master of Educational Management	1	56	Diploma in Venere & Dermatology	2

Sr. No	Name of Degree	Total	Sr. No	Name of Degree	Total
57	Master of Engineering	112	76	Master of Arts (Fine – Museology)	4
58	Master of Computer Application	30	77	Bachelor of Visual Arts	58
59	M.Sc. (Applied Physics)	19	78	Master of Science (F C S)	42
60	M.Sc. (Applied Chemistry)	25	79	Bachelor of Science (F C S)	318
61	M.Sc.(Applied Mathematics)	40	80	Dip. in Early Childhood Care and Education	23
62	Bachelor of Engineering	578	81	Diploma in Development Management	12
63	Bachelor of Engg. (Textile Engg.)	2	82	Master of Social Work	41
64	Bachelor of Architecture	23	83	Master of Human Resource Management	43
65	Bachelor of Pharmacy	27	84	Dip in Ind. Rel. & Personnel Mgt.	30
66	B. Sc –Tech (Textile Chemistry)	2	85	P.G. Dip. in Human Resource Mgt.	37
67	Diploma in Computer Application	39	86	P.G. Dip. in Health Mgt. & Intervention	8
68	Diploma in Environmental Science	17	87	P.G. DIP. in Criminology & Correctional Mgt.	5
69	P.G. Dip. in Packaging Engineering	17	88	P.G. Dip. in Social Deve. & Orga. Mgt.	14
70	Master of Laws	22	89	Master of Performing Arts	35
71	Bachelor of Laws (Special)	105	90	Bachelor of Performing Arts	50
72	Bachelor of Laws (General)	118	91	P.G. Dip. in Natuvangam	1
73	Diploma in Taxation Laws	10	92	Master of Business Administration	61
74	Diploma in Labour Laws	6	93	Master of Communication and Studies	18
75	Master of Visual Arts	36			

\*\*\*\*\*

# XIII

## Gold Medals Awarded for the Year 2007-2008

Sr.No	Name of the Gold Medal	Name of the Candidate
1	The Chancellor's Gold Medal	Kum. Kanika R. Bhardwaj
2	The C. Gopalan – Srikantia Gold Medal	Shri Aram Arshak Laxmi Mikaelyan
3	Shrimati Hansa Mehta Gold Medal <b>Faculty of Arts</b>	Shri Arpan Surendrapal Anand
1	Shri Janardan C. Mehta Gold Medal	Kum. Ankita Devendra Paleja
2	MSU Golden Jubilee Russian Gold Medal	kum. Ankita Devendra Paleja
3	Shri Hiralal Bhagwanji Majmudar Gold Medal	kum. Shuchi Pandey
4	Professor K. S. Desai Gold Medal	Kum. Shuchi Pandey
5	Late Mr. Mohammed Hanif Munshi Memorial Gold Medal	Kum. Shuchi Pandey
6	Rao Bahadur Govindbhai Hathibhai Desai Memorial Gold Medal	Kum. Sobita Devi Kshetrimayum
7	Shakespeare Society Prof. V. Y. Kantak Gold Medal	Shri Soumitra Das
8	Shri Mohanlal Hargovinddas Kantawala Gold Medal	Kum. Jalpababen Jayantilal Patel
9	Mukunda Gold Medal	Kum. Jalpababen Jayantilal Patel
10	Mangalaben Jayantibhai Thakar Gold Medal	Shri Ankurkumar Dineshchandra Pandya
11	Shri Vakil Nanalal Mohanlal Parikh Mahavastra	Shri Ankurkumar Dineshchandra Pandya
12	Shri Vimochandrao Dinkarrao Desai Gold Medal	Shri Ankurkumar Dineshchandra Pandya
13	Shastri Mohanlal R. Joshi Gold Medal for Puranashastra Sponsored by Dr. L. M. Joshi	Shri Ankurkumar Dineshchandra Pandya
14	Hariom Ashram Sponsored Puja Shree Rang Avadhut Smarak Trust Fund Gold Medal	Kum. Jignasaben Natvarlal Patel
15	Dr. U.P. Shah Gold Medal	Kum. Monika Chadrashekhkar Patil
16	Smt. Sushila Rani Sharma Gold Medal	Kum. Mansi Divyang Oza
17	Smt. Kokilaben And Shri Markandray Vinayakray Desai B. A. (Sanskrit) Gold Medal	Shri Kamaljitsinh Dadubhai Sindha
18	Professor Bhogilal J. Sandesara Gold Medal	Kum. Anitababen Narharibhai Padariya
19	Smt. Mangalagaury Shankarlal Choksi Gold Medal	Kum. Anitababen Narharibhai Padariya
20	Late Prof. (Dr.) Labhashanker Mafatlal Padhya Memorial Gold Medal	Shri Pawan Radheshyam Agrawal
21	Smt. Shashikala Ananat Godbole Memorial Gold Medal	Shri Pawan Radheshyam Agrawal
22	Yuga- Shakti Dr. Ma Harehwari Devi Rashtra Bhasha Hindi Gold Medal	Shri Ghanshyam Tibeshwarnath Pandey
23	Late Prof. Anant Ganesh Javadekar Gold Medal in Philosophy	Kum. Priyanka Yashwant Patil
24	Prof. K.T. M. Hegde Memorial Gold Medal	Kum Usha Mridha
25	Shrimat Paramhansa Narayan Guru Talim Sponsored Gold Medal	Kum. Sangita Ishwar Chaudhari
<b>Faculty of Science</b>		
1	Dr. (Mrs.) Dharmishtha V. Shah Gold Medal in Bio-Chemistry	Kum. Pallavi Keshavlal Chaudhary
2	Prof. S. M. Sethna Memorial Gold Medal for M. Sc.	Shri Pravinkumar Ramanbhai Parmar
3	Professor K. N. Trivedi Memorial Gold Medal	Shri Pravinkumar Ramanbhai Parmar

- 4 Dr. C. S. Patel Gold Medal in Chemistry  
 5 Prof. P. K. Bhattacharya Gold Medal  
 6 Dr. V. V. Modi Gold Medal in Biotechnology  
 7 Vaidya Narayanrao Wamanrao Hardikar Gold Medal  
 8 Dr. V. N. Kulkarni Memorial Gold Medal  
 9 Shri Ranchhodlal Chhotalal Shah Gold Medal in Matematics  
 10 Smt. Shiv Gauri Chandulal Lallubhadarwala Gold Medal  
 11 Dr. A. N. Kachhy Memorial Gold Medal in Microbiology  
 12 Prof. J. C. George Gold Medal  
 13 Prof. S. K. Shah Gold Medal  
 14 Shrimati Jekorben Majmudar Gold Medal  
 15 Professor S. M. Sethna Memorial Gold Medal for B. Sc.  
 16 Principal Avasare Memorial Gold Medal  
 17 Prof. N. S. Pandya Gold Medal in Physics  
 18 Shri Shankarlal Maneklal Choksi Gold Medal  
 19 Professor V. M. Shah Gold Medal  
 20 Prof. N. M. Vashi Gold Medal  
 21 Professor Ashok Manilal Parikh Gold Medal  
 22 Prof. N. M. Bhatt Gold Medal in Statistics  
 23 Dr. Sujata S. Kansara Gold Medal  
 24 Prof. R. V. Shah Gold Medal in Zoology  
 25 Prof. V. C. Shah Gold Medal in Zoology  
 26 Dr. V. G. Pathak Memorial Gold Medal in Botany  
 27 Prof. Ashok Manilal Parikh Gold Medal

**Faculty of Education & Psychology**

- 1 Prof. T. K. N. Menon Gold Medal in Education  
 2 Professor S. N. Mukherji Gold Medal  
 3 Professor M. B. Buch Gold Medal M. Ed.  
 4 Late Prof. T. K. N. Menon Gold Medal (M.A. Psychology)  
 5 Dr. P. B. Dekhtawala Gold Medal  
 6 Principal Jivanlal Keshavlal Parikh Gold Medal

**Faculty of Commerce**

- 1 Shri Manharrai V. Desai Gold Medal  
 2 Professor V. Y. Kolhatkar Gold Medal for M. Com  
 3 Late Shri Nagindas Mathurdas Shah Gold Medal  
 4 Prof. B. H. Elavia Education Trust Gold Medal  
 5 Co-Operative Bank of Baroda Ltd Gold Medal

- Kum. Varsha Prakashchandra Brahmkhatri  
 Kum. Varsha Prakashchandra Brahmkhatri  
 Kum. Jidnyasa Jayant Mulekar  
 Shri Kiran Mansinh Rawat  
 Shri Ramakant Kadu Suralkar  
 Kum. Bharti Vaishandas Nathwani  
 Kum. Bharti Vaishandas Nathwani  
 Kum. Mansi Sadanand Apte  
 Kum. Darshee Bhushan Baxi  
 Shri Darshan Bhadrash Desai  
 Kum. Meghna Shankar Shelar  
 Kum. Meghna Shankar Shelar  
 Kum. Mugdha Sathe  
 Shri Jasvir Singh  
 Shri Jasvir Singh  
 Kum. Megha Jitendrabhai Pandya  
 Shri Himanshu Kirpashankar Sharma  
 Kum. Sweta Prashant Bastodkar  
 Kum. Payal Hasmukhbhai Modi  
 Kum. Sheetal Prakashbhai Patil  
 Kum. Priyanka Dinesh Baloni  
 Kum. Priyanka Dinesh Baloni  
 Kum. Rukaiya Mustakbhai Bhaisaheb  
 Shri Mukesh Ramchand Bhojwani

- Kum. Tara Ramachandran Pillai  
 Shri Avtarsingh Mohindersingh  
 Kum. Vrunda Shaileshbhai Desai  
 Kum. Ruchika Atul Chaturvedi  
 Kum. Rizwana Amin khoja  
 Kum. Anuja Sushilkumar Purohit

- Kum. Alka Hareshkumar Shah  
 Kum. Alka Hareshkumar Shah  
 Kum. Alka Hareshkumar Shah  
 Kum. Pooja Sriram Easwaran  
 Kum. Pooja Sriram Easwaran

6	Labhuben Mehta Gold Medal	Kum. Nivedita Vinodkumar Bhadarka
7	Late Shri M. M. Chokshi Gold Medal	Kum. Devanginiben Dineshbhai Parikh
8	Amita Vishnuprasad Vyas Memorial Gold Medal	Kum. Devanginiben Dineshbhai Parikh
9	Prof. V. Y. Kolhatkar Gold Medal for B. Com	Kum. Devanginiben Dineshbhai Parikh
10	Shri Panubhai Hiralal Majmudar Gold Medal	Kum. Devanginiben Dineshbhai Parikh
11	Kum. Parul Nanalal Chokshi Gold Medal in Business Management	Shri Jaimin Niranjankumar Tewar
12	The President The Government Servents Co-Operative Credit Society Limited Baroda Gold Medal	Kum. Kavita Rajendra Singh
13	Late Shri Faramroj Rustomji Bharucha & Smt. Khurshid Banu F. Bharucha Gold Medal	Shri Prathvi Prakash Nayak
14	The Institute of Chartered New Delhi Gold Medal	Shri Anujkumar Ashokkumar Tiwari
15	Vakil Chunilal Babardas Shat and Smt. Parvatiben Chunilal Shah Memorial Gold Medal	Shri Bhaumic Maheshkumar Soni
16	Avani Petrochem Ltd Gold Medal	Kum. Urvashi Arun Sultania

**Faculty of Medicine**

1	Dr. (Smt.) Indumati Thakorbbhai Patel Memorial Gold Medal	Kum. Deepti Keshav Abhyankar
2	Dr. Manilal Lallubhai Parikh Gold Medal	Kum. Deepti Keshav Abhyankar
3	Dr. Yogendra Divanji and Mrs. Damayanti Divanji Gold Medal	Kum. Deepti Keshav Abhyankar
4	Smt. Susmita Patel Memorial Gold Medal	Kum. Deepti Keshav Abhyankar
5	Dr. (Smt.) Indumati Thakorbbhai Patel Memorial Gold Medal In Surgery	Kum. Deepti Keshav Abhyankar
6	Shri Chandulal Chunilal Lallubhadarwala Gold Medal	Shri Anil Vasudev Israni
7	Dr. H. C. Srivastava, MSFA, M. S. Gold Medal	Shri Anil Vasudev Israni
8	Vijayagauri And Late Vinayakray Yagnik Gold Medal	Shri Anil Vasudev Israni
9	Prof. Emeritus Dr. M. S. Sudhaikar Memorial Gold Medal in Ophthalmology in Faculty of Medicine	Shri Kailas Laxmanbhai Patel
10	Dr. Indrakumar K. Vithlani Gold Medal in Faculty of Medicine	Shri Kailas Laxmanbhai Patel
11	Dr. (Smt.) Krishnabai Patil Gold Medal for Obstetrics and Gynaecology	Kum. Nita Raju
12	Dr. Arvinda Nanalal Chokshi Gold Medal in Paediatrics	Shri Anand L
13	Dr. Narayan S. Desai Gold Medal	Shri Anand L
14	Dr. Mrudula Nanalal Chokshi Gold Medal in Anaesthesia	Shri Alok Omprakash Sonthalia
15	Indian Association of Physiotherapists (Baroda Branch) Gold Medal	Kum. Anjali Arvind Gujarathi
16	Garima Nirmal Ojha Memorial Medal in M.D.Branch -I (Medi.)	Shri Milinkumar Rameshchandra Patel
17	Medical Examination Board Gold Medal	Shri Milinkumar Rameshchandra Patel

### **Faculty of Technology & Engineering**

1	Shri B. V. Patel Memorial Gold Medal	Kum. Dayaben Lakhabhai Chothani
2	Shri K. H. Patel Gold Medal Donated By M/S. Modern Construction Co. Ltd.	Shri Lokeshkumar Bastimal Soni
3	Late Prof. (Dr.) Piyush Parikh Memorial Gold Medal	Shri Lokeshkumar Bastimal Soni
4	Principal S. B. Junnarkar Gold Medal	Shri Lokeshkumar Bastimal Soni
5	Professor D. Subbarao Memorial Gold Medal	Shri Lokeshkumar Bastimal Soni
6	Express Group Gold Medal	Shri Chinmay Guvantlal Jariwala
7	Paramount Gold Medal	Kum. Shivani Maskara
8	Sayaji Iron Gold Medal	Shri Tarunkumar Sureshbhai Patel
9	Visnagar Taluka Majoor Sahakari Mandali Ltd. Gold Medal	Kum. Ruchita Hemantbhai Patel
10	Late Ishwarlal Patel Gold Medal	Shri Dhaval Devendrabhai Shah
11	Motorol Group Gold Medal	Shri Siddharath Dineshkumar Garg
12	Vaishnomal Malhotra Endowment Radha Krishan Malhotra Gold Medal	Shri Arpan Surendrapal Anand
13	Anahat Gold Medal	Shri Arpan Surendrapal Anand
14	Dr. Jyotindra Mehta Gold Medal	Shri Arpan Surendrapal Anand
15	Shri C. M. Patel Memorial Gold Medal	Shri Arpan Surendrapal Anand
16	Chetandas Jethanand Karamchandani Gold Medal	Shri Arpan Surendrapal Anand
17	Dr. K.S. Shah Gold Medal in Mechanical Engineering	Shri Arpan Surendrapal Anand
18	Banco Foundation Gold Medal	Shri Arpan Surendrapal Anand
19	Shrimati Neelima Sudhalkar Memorial Gold Medal	Kum. Smita Jagdishbhai Patel
20	Prof. P. J. Madan Gold Medal	Kum. Smita Jagdishbhai Patel
21	Professor S. K. Roy Gold Medal	Kum. Smita Jagdishbhai Patel
22	Mr. John F. Roesel Jr. of Bradenton Florida, Usa Gold Medal	Kum. Smita Jagdishbhai Patel
23	Dr. S. J. Shah Gold Medal for B. Text. (Engg.)	Kum. Neeharika Nirmalchandra Thatoi
24	Sheth Chimanlal Girdharlal Gold Medal	Kum. Neeharika Nirmalchandra Thatoi
25	Prof. Deepak Kumar De Gold Medal	Shri Prashant Yogendra Verma
26	Dr. S. J. Shah Gold Medal for B. Text. (Tech.)	Shri Prashant Yogendra Verma
27	Shri C. M. Patel Memorial Gold Medal in Chemical Engineering	Kum. Muthulakshmi Balasubramanian
28	Ashok Organic Industries Ltd. Gold Medal	Kum. Muthulakshmi Balasubramanian
29	Shri Ramlubhaya Malhotra Gold Medal	Shri Abhishek Subhashbhai Pathak

30	Shri J. N. Patel Memorial Gold Medal	Kum. Priyanka Kantibhai Agrawal
31	Shri C. L. Shastri Metallurgical Department Silver Jubilee and Kalabhavan Centenary Gold Medal	Kum. Priyanka Kantibhai Agrawal
32	Shri Akash S. Saxena Memorial Gold Medal in B. E. (Metallurgy)	Kum. Priyanka Kantibhai Agrawal
33	Dr. S. M. Sen Gold Medal	Kum. Priyanka Kantibhai Agrawal
34	Principal C.H. Vora Memorial Gold Medal in Electronics	Shri Urmil Satish Shah
35	Shri Padmakant Kanaiyalal Charitable Trust Bombay Gold Medal	Shri Urmil Satish Shah
36	Shri Manav and Late Shri Mukta Divetia in B. E. (Final) Electronics	Shri Urmil Satish Shah
37	Miss Anupama Malik Memorial Gold Medal	Kum. Neha Devendra Singh
38	Shrimati Hansaben Mehta Gold Medal in Architecture	Shri Shujoy Bishno Pada Chakraborty
39	Rupal K. Engineer Memorial Gold Medal	Shri Shujoy Bishno Pada Chakraborty
40	Prof. M. B. Dave Gold Medal in Architecture	Shri Shujoy Bishno Pada Chakraborty
41	Bihari Chetan Gold Medal	Shri Vivek Motibhai Barot
42	Smt. Radhikaben Himatlal Patel Gold Medal	Shri Vivek Motibhai Barot
43	Prof. (Dr.) Padmini Agarwal Gold Medal	Shri Kedar Satish Bhope
44	Professor Jatashankar Sadashiva Dave Gold Medal	Kum. Sneha Akalank Kothari
45	Dr. J. M. Trivedi Gold Medal	Kum. Sneha Akalank Kothari
46	Shri V. G. Akalkotkar Gold Medal	Shri Amit Dulalchandra Banerjee
47	Prof. (Dr.) A. V. Shroff Gold Medal	Shri Mohammed Ansar Gulam Mohammed Kauswala

**Faculty of Law**

1	Vakil Bhadrayulal Motilal Mujmudar Gold Medal	Shri Meet Maheshbhai Thakar
2	Shri Kanchanlal Hiralal Majmudar Advocate Gold Medal	Kum. Nidhi Govindnarain Shukla
3	Vakil Dahyabhai Maganlal Parikh Gold Medal in Law	Kum. Nidhi Govindnarain Shukla
4	Shri Kulinchandra Sarabhai Majmudar Gold Medal	Kum. Nidhi Govindnarain Shukla
5	Shri Dahyabhai Khushalbai Patel Memorial Gold Medal in Law	Kum. Nidhi Govindnarain Shukla
6	Gunvantrai Girdharrai Majmudar Gold Medal	Kum. Vandita Sirish Prabhu
7	Shri Mehbub I. Kadri Gold Medal in Law	Kum. Vandita Sirish Prabhu
8	Vakil Narhar B. Khidkikar Gold Medal	Kum. Vandita Sirish Prabhu
9	Justice Chaturbhai N. Patel Memorial Gold Medal	Kum. Soma Jagajyoti Battacharjya
10	Late Mr. Kanak Prasad Ravishankar Anjaria Gold Medal	Smt. Pinaky Nilesh Shah

**Faculty of Fine Arts**

1	C. R. Dasgupta Memorial Gold Medal	Shri Prathap Krishnamnaidu Modi
2	Shri Babubhai Jashbhai Patel Diamond Jubilee Gold Medal	Shri Kumar Tribhuvanbhai Jasakiya
3	Late Shri Rajivbhai Nathabhai Patel Gold Medal	Kum. Anushree Rahul Kapoor
4	Late Milind Madhukar Bhade Gold Medal	Kum. Preksha Pratapsingh Teter

- 5 Narendra Gajanan Bhatt Gold Medal  
6 Professor V. R. Amberkar Gold Medal Fund  
7 Dr. Swarna Kamal Bhowmik Gold Medal for Excellence in Conservation and Preservation

**Faculty of Family & Community Sciences**

- 1 Shrimati Itchhagauri Kuverji Naik Gold Medal  
2 Shrimati Jasumati Jayant Nagrecha Gold Medal  
3 Smt. Parvatiba Patel Gold Medal  
4 Priya Modern Food Products, Baroda Gold Medal  
5 Smt. Kamalaben Jivanlal Parikh Gold Medal  
6 Shantaben Gajanan Bhatt Gold Medal  
7 Prof. Sunanda Madhukar Phadke Gold Medal  
8 Prof. Veena Gandotra Gold Medal

**Faculty of Performing Arts**

- 1 Sangeet Martand Shri Omkarnath Gold Medal Municipal Corporation, Baroda  
2 Dr. Maganbhai Shivabhai Patel Memorial Gold Medal  
3 Smt. Anjali Merh Memorial Gold Medal  
4 Late Smt. Chadrakala Gangani Memorial Gold Medal  
5 Acharya Allauddin Music Circle Gold Medal  
6 Sangeet Rasraj Pandit Shivkumar Shukla Gold Medal  
7 Smt. Urmilaben Hasmukhlal Sheth Gold Medal  
8 Smt. Damayanti Harivadan Parikh Gold Medal  
9 Prof. Sudhirkumar Saxena Gold Medal  
10 Shri Vivek Shinde Memorial Gold Medal  
11 Theatre Consultant (Stage) Harivadan Jeevanlal Parikh Gold Medal

**Faculty of Social Work**

- 1 Rao Bahadur Ramlalbhai Hiralalbhai Desai Memorial Gold Medal  
2 Shri Ramanbhai H. Patel Gold Medal  
3 Shri Nitin Trivedi Gold Medal  
4 Shrimati Hansmukhi-Devi Haribahadur Saxena and Shrimati Bhagwati Devi-Bhagwati Sahai Saxena Gold Medal  
5 Prof. Anilkumar Shakarrao Navale and Smt. Malti Anilkumar Navale Rotating Gold Medal  
6 Smt. Parvatibai Shankarrao Navale and Shri Shankarrao Laxmanrao Navale Gold Medal in Faculty of Social Work  
7 Late Ramanlal Somchand Bhavsar & Late Kantaben Ramanlal Bhavsar Gold Medal  
8 Shri H. J. Shah Foundation Trust Gold Medal

- Kum. Preksha Pratapsingh Teter  
Kum. Jayashree Rajankrishnan Venkatadurai  
Kum. Shefalika Omprakash Awasthi

- Kum. Mitalee Amar Sirwani  
Kum. Kesha Jayeshbhai Thakkar  
Kum. Pinakini Maneesh Shah  
Kum. Ruchika Kapil Bhalla  
Kum. Swati Dhandatt Jain  
Kum. Niyati Prakash Pandya  
Kum. Geetika Satish Lunawat  
Kum. Keya Sanat Talati

- Kum. Neha Deviprasad Dave  
Kum. Neha Deviprasad Dave  
Kum. Tulsi Mukundbhai Parekh  
Kum. Tulsi Mukundbhai Parekh  
Kum. Unnati Dineshbhai Zinzuvadia  
Kum. Unnati Dineshbhai Zinzuvadia  
Kum. Parul Mansukhlal Sanghani  
Kum. Vidhi Prakashkumar Apte  
Shri Suyog Vilasrao Deshmukh  
Shri Vaibhav Ajitkumar Bineewale  
Shri Vaibhav Ajitkumar Bineewale

- Kum. Upasana Mukul Baruah  
Kum. Upasana Mukul Baruah  
Kum. Upasana Mukul Baruah  
Kum. Upasana Mukul Baruah  
Kum. Himani Manoj Rajpandhere  
Kum. Himani Manoj Rajpandhere  
Kum. Himani Manoj Rajpandhere  
Kum. Sneha Ghanshyam Chandwani

**Faculty of Management Studies**

- 1 The Gujarat Alkalies and Chemicals Limited Gold Medal
- 2 Jayantbhai Kashiram Thakar Gold Medal
- 3 Late Smt Khurshid Banu & Shri Faramroj Rustomji Bharucha Gold Medal
- 4 G.S.F.C. Ltd. Gold Medal for Marketing Management
- 5 Gujarat Refinery - Indian Oil Corporation Ltd. Gold Medal
- 6 I. P. C.L. Gold Medal for Accounting and Finance

Shri Chetan Suresh Wani  
Shri Chetan Suresh Wani  
Shri Kiran Kishanlal Budhlani  
Shri Seshan Venkateshwarn Iyer  
Shri Seshan Venkateshwarn Iyer  
Shri Rajanish Balkrishna Kulkarni

**Faculty of Journalism & Communication**

- 1 Shri Goverdhandas Chunilal Shah Gold Medal
- 2 Mohanlal Mehta Sopan Gold Medal

Shri Parth Shailendrabhai Shastri  
Shri Parth Shailendrabhai Shastri

**Baroda Sanskrit Mahavidyalaya**

- 1 Shri Chandulal Sampatram Acharya Memorial Gold Medal
- 2 Veda Shastra Sampanna Laxminath Badrinath Shastri Memorial Fund Mahavastra
- 3 Shri Vaman Narayan Nasikkar Sponsored Gold Medal in The Memory of His Parents Late Shri Narayanrao R. Nasikkar And Late Smt. Tarabai N. Nasikkar
- 4 Shri Kantibhai Vithaldas Dalia Memorial Prize
- 5 Alembic Gold Medal

Shri Ghanshaym Jerambhai Bhojaviya  
Shri Ghanshaym Jerambhai Bhojaviya  
Shri Ghanshaym Jerambhai Bhojaviya  
Shri Bhawaniprasad Kamalapati Acharya  
Shri Bhawaniprasad Kamalapati Acharya

\*\*\*\*\*

\*\*\*\*\*

XIII - 36

# XIV

## List of Students Awarded Ph.D. Degree in the year 2007-2008

Sr. No	Name of the Candidate	Department/ Subject	Title of the Thesis	Name of the Guide
<b>Faculty of Arts</b>				
1	Shri Misra Hrudanand Gunanidhi	Economics	Evaluation of Working Condition of Labour in Ship Breaking Industry : A Case Study of Alangship Breeding Yard	Dr. A. S. Rao
2	Shri Hayel Khalifa Ibrahim Al-Dhiesat	History	Society & Culture Under the fatimids in Maghreb and Egypt : 909-1171 A.D.	Prof. S. Hasan Mahmood
3	Shri Jagdip Narayan Singh	Political Science	Politics of Agriculture Interest Groups : A Case Study of the Bharatiya Kisan Sangh and its Interaction with the Gujarat State Government over Power (Electricity) Issues	Prof. A. P. Mavlankar
4	Ms. Jadav Lalita Jesingbhai	Sociology	Police Women In Gujarat : A Sociological Study	Prof. P.S. Choondawat
5	Ms. Bhatia Mayuri Ambalal	Sanskrit	Contribution of Bhruch District to Sanskrit Literature	Dr. R. I. Nanavati
6	Shri Ansari Masihuzzama Hifzurehman	Urdu	Wali Shakhsiyat Aur Fan	Dr. A. A. Zaheer
7	Shri Tap Prasad Koirala	Economics	Inflation and Monetary Policy in Nepal During 1972 to 2002	Dr. T. R. Bisnoi
8	Ms. Ojha Shikha Rajendra	Economics	Market Strategies and Consumer Behavior in Vadodara Districts for Telecommunication	Prof. Bhavana S. Kantawala
9	Shri Umeshkumar Shubhanarayan Tiwari	Sanskrit	Bhakti – Rasamrta – Sindhu of Rupagoswamin : A Study	Prof. R. I. Nanavati
10	Shri Parmar Hasmukhbhai Mohanbhai	Hindi	Dalit Isai Aur Muslim Sandarbhon Ke Pariprekshya Men Shailesh Matiyani Ki Kahaniyon Ka Adhyayan	Prof. P.K. Desai
11	Shri Rabari Maheshkumar Ratilal	Hindi	Shailesh Matiyani Ke Upanyason, Ki Bhasha : Ek Anushilan	Prof. P.K. Desai
12	Shri Malsatar Kantilal Karshan	Gujarati	A Critical Study of Gujarati Dalit Fiction	Prof. Sudha N. Pandya
13	Ms. Prem Swati Jayprakash	Hindi	Hindi Kahani : Dalit Vimarsh	Dr. Shanno Pandey

14	Ms. Zakia Firdaus	English	Other/Ed World, Other/Ed Words : North American Native Writing	Prof. M. F. Salat
15	Ms. Ghosh Urmi	Archaeology	Cognitive Content of Indian Rock Art	Prof. V.H. Sonawane
16	Shri Kahar Pyarelal Bhikhubhai	Hindi	Hindi Upanyason Men Chitrit Veshya Jivan : Ek Abhyayan	Prof. P.K. Desai
17	Shri Alokumar Singh	Sociology	Young Men's Need for Reproductive Health Services : A Sociological Study Of Central Gujarat	Prof. N. Rajaram
18	Ms. Tiwari Suman Shivanand	Hindi	Hindi Aekankiyo Me Aadhunik Manav Jivan Ki Samasyaye	Dr. V. Chaturvedi

### **Faculty of Commerce**

1	Ms. Patel Jyoti Ramanabhai	Business Economics	Growth Of Women Entrepreneurship in Baroda	Dr. Sarita Agrawal
2	Ms. Gupta Deepa Jitendra	Business Economics	An Analysis Of India's External Debt 1970-1997	Prof. S. K. Singh
3	Ms. Saini Sharajitkaur Jogindersingh	Com. Incl. Busi. Admn.	A Study of Marketing Organization Structure and Stategies of Cellular Phone Operators in Gujarat	Dr. Umesh R. Dangarwala
4	Ms. Shradha Hitesh Budhedeo	Business Economics	Dynamics of Indian Savings : Behaviour Determinants and Policy Options	Prof. S. N. Bansal

### **Faculty of Science**

1	Ms. Shah Ekta Grishbhai	Mathematics	Dynamical Properties of Maps on Topological Spaces & G - Spaces	Dr. T. K. Das
2	Ms. Guha Sonia Bimankumar	Bio-Chemistry	Isolation and Characterization of Endocytic Organelles	Prof. Harish Padh
3	Ms. Tere Anika Sgar	Zoology	Ecology of Greater Edamingo Phoenicopierus Roseus and Lesser Flamingo Phoenicopierus Minor on the Wetlands of Gujarat	Prof. A. V. Ramachandran
4	Ms. Sallykutty Thomas	Botany	Studies on Pharmacognosy and Phytochemistry of Medicinally Important Species of Euphorbis Linn and Jatropha Linn. (Euphobiaceade)	Prof. M. Daniel
5	Shri Krishna H.	Zoology	Neurotoxic and Systemic Effects of Chlorphrifos Lead Combination in Rat	Prof. A.V. Ramachandran
6	Ms. Leena Abraham	Botany	Impact Assessment of Joint Forest Management Activities Through Remote Sensing Technique in Narmada District	Dr. G. Sandhya Kiran

7	Shri Deshpande Rajendrakumar Dattatraya	Geology	Groundwater in and Around Cambay Basin, Gujarat : Some Geochemical and Isotopic Investigations.	Prof. S.K.Gupta (Guide) Dr. Satish J. Patel(Co-Guide)
8	Shri Gohel Vipul Rasiklal	Microbiology	Studies on Chitinase Based Biocontrol of Pigeonpea Wilt by <i>Pantoea Dispersa</i>	Prof. H.S. Chhatpar
9	Ms. Joshi Falguni Rameshchandra	Microbiology	Studies on Siderophore Mediated Iron Uptake Systems in Rhizobacteria & Expression of Bradyrhizobium Japonicum Feg A Gene in Commercial Rhizobial Incola – Impact on Competitive Survival in Rhizospher	Prof. A. I. Desai
10	Ms. Geetha Rajendran	Microbiology	Construction of Transgenic Rhizobium for Cajanus Cajan (Pigeon Pea) by Cloning and Expression of A Genomic Region Encoding Iron Siderophore Receptor	Dr. G. Archana
11	Shri M. S. Shivakumar	Zoology	Role of Spiders as Biocontrol Agents in Selected Agroeco Systems of Gujarat : An Ecoenviormental and Ipm Approach	Dr. Dolly Kumar
12	Shri Ran Bahadur	Chemistry	Relation Between Magnetic Properties and Structural Changes in New Binuclear Complexes With Multiatomic Bridges	Dr. N. D. Kulkarni
13	Shri Pathak Rajesh Narhari	Microbiology	Transformation of Rice to Confer Blast Disease Resistance	Prof. B. B. Chattoo
14	Kumari Namita Parmanand	Bio-Chemistry	Functional and Chemical Characterisation and Heterologous Expression of Type-ii Polyketide Synthase (Pks) Genes of Prasumptive Producer Strain of Streptomyces, <i>S. Flaviscleroticus</i>	Dr. Jayshree Pohnerkar
15	Shri Jani Maunik Pravinchandra	Physics	Experimental Studies on Properties of Bi-Sb Intermetallic Compositions	Prof. C. F. Desai
16	Ms. Qureshi Anjum Nasirullah	Physics	Modification of Organometallics Dispersed Polymers and Pure Polymers by Iron Irradiation	Prof. N. L. Shingh
17	Shri Lakhmapurkar Jayendra Janardan	Geology	High Resolution Studies of the Late Quaternary Sequences of Coastal Saurashtra Western India : A Geo – Ecological Perspective	Dr. Nilesh P. Bhatt

18	Ms. Tulika Kishanlal Munshi	Microbiology	Studies on Biodiversity of the Jute Retting Environment	Prof. B. B. Chattoo
19	Shri Bhatt Nikunj Bhagvatiprasad	Chemistry	Synthesis Characterization and Acid Catalysis of Supported Heteropolyacids	Dr. Anjali Patel
20	Shri Shah Gopitkumar Rameshchandra	Bio-Chemistry	Specificity of Dna – Protein Interactions in the Excision of Nifd Element of Anabaena Pcc 7120	Prof. G. Nareshkumar
21	Ms. Shah Dimple Jayantilal	Physics	Study of Bulk / Thin Films Properties of in Bicomponent Doped With Sb and Se	Prof. G. R. Pandya
22	Ms. Swati Lalitbhai Zala	Microbiology	Development of A Bench Scale Process for the Treatment of Nitrate Containing Effluent	Prof. Anjana Desai
23	Ms. Priyanka Sharma	Zoology	Studies on Cellular and Molecular Mechanisms of Ziard Tail Regeneration	Dr. B. Suresh

### **Faculty of Technology & Engineering**

1	Shri Chougule Mahavir Bhupat	Pharmacy	Development of Liposomal Dry Powder Inhalers for Some Lung Disorders	Prof. A. N. Misra
2	Ms. Mahalaxmi Mohan	Pharmacy	A Study of Anxiolytic and Anthypertensive Activites of Some Indian Medicinal Plants	Dr. R. Balaraman
3	Shri Padhi Bijaykumar Gangadhar	Pharmacy	Aerodynamically Light and Large Particles for Pulmonary Drug Delivery	Prof. A. N. Misra
4	Ms. Kulshrestha Manjusha S.	Applied Mathematics	Prediction of Weather Parameters Using Harmonic Analysis and Artificial Nevral Network	Dr. R. K. George
5	Shri Shah Shaileshkumar Rasiklal	Textile Chemistry	Wet Processing of Ramie (Bast) Fiber and Study of Structural Related Properties Along With Dyeing Behavior	Prof. S. D. Bhattacharya
6	Shri Shankalia Mayubhai Gangarambhai	Pharmacy	Immobilization of Digestive Enzymes for Improvisation of Shelf Life in Their Formulations	Dr. (Mrs.) Rajashree Mashru
7	Shri Tallavajhala M. V. Suryanarayan	Civil Engg.	Determination of Optimal Cropping Pattern & Release Policy for Conjunctive Use of Surface and Ground Water by Liner Programming Case Study of Kakrapari B.M.C. Commend Area	Prof. D. T. Shete

8	Shri Shah Pranav Jitendra	Pharmacy	Transmucosal Drug Permeation Using Epithelial / Endothelial Cell Lines	Prof. A. N. Mishra
9	Shri Badheka Vishvesh Jayantbhai	Metallurgical Engg.	To Develop Narrow Gap Gas Metal Arc Welding (Ng – Gmaw) Systems and Study The Effects of Magnetic Field and Torch Oscillation Parameters on Sidewall Fusion	Prof. S. K. Agrawal
10	Shri Chavdhari Sushil Ekanath	Applied Chemistry	Synthesis of Flow Improvers and Their Applications on Crude Oils	Dr. D. P. Bharambe
11	Shri Rana Yogesh Madhukar	Pharmacy	Enhancement of Dissolution and Bioavailability of Some Poorly Soluble Active Pharmaceutical Ingredients and Development of their Formulation	Dr. R. C. Mashru
12	Shri Agarwal Bipin Jagdishprasad	Textile Chemistry	Comparative Studies of Polymer-Aided Dyeing at Neutral Ph and their Physico-Chemical Behaviour in Dying of Cotton with Reactive Dyes	Prof. S. D. Bhattacharya
13	Shri Patel Heemanshubhai Kiranbhai	Applied Chemistry	Synthesis & Characterization of Advanced Inorganic Materials of the Class of Tetravalent Metal Acid Salts and their Applications as Catalysts and Solid Electrolytes	Dr. (Mrs.) Uma V. Chudasama
14	Ms. Maheria Kalpana Chaturbhai	Applied Chemistry	Synthesis, Characterization and Applications of Some Advanced Inorganic Materials Containing Tetravalent Metal Acid Salts	Dr. (Mrs.) Uma V. Chudasama
15	Shri Dhote Vipin Vishnupant	Pharmacy	Effect of Some Hormones and their Combinations with Various Antioxidants on Reperfusion Injury	Prof. R. Balaraman
16	Shri R. Ramajayam	Pharmacy	Design Synthesis and Biological Studies of Some Novel Diazepines and Yrimidines	Dr. (Mrs.) Rajani Giridhar
17	Shri K. Vivek	Pharmacy	Controlled Delivery of Antipsychotic Agents for The Effective Treatment of Psychotic Disorders	Dr. R. S. R. Murthy
18	Shri Kolhatkhar Avinash Waman	Textile Engineering	Investigation of Factors Influencing Flammability and Prediction of Hazard Potential of Sarees	Dr. P.C. Patel
19	Ms. Surti Naazneen Imtiaz	Pharmacy	Sustained Intracellular Drug Delivery Using Biodegradable Nanoparticle	Prof. A. N. Mishra

20	Ms. Mankodi Hireni Rajnikant	Textile Engineering	Effect of Processing Parameters on Co-Mingling Behaviour and Properties of Hybrid Yarns	Dr. P. C. Patel
21	Shri Koranne Milind Vasudeo	Textile Engineering	Modification of Shuttle Loom For Producing Three Dimensional Shaped Fabrics	Prof. S. S. Bhattacharya
22	Shri Koneri Rajendra Balwanth	Pharmacy	Pharmacological Screening and Phytochemical Investigations of Some Cucurbitaceous Plants	Prof. R. Balaraman
23	Shri Ghidiyal Rahul R.	Applied Physics	Development of Rare Earth Based Nanocrystal Phosphors for Display Applications (Solgel Method)	Dr. K.V.R. Murthy
24	Shri Padashetty Somashekar Ambarao	Pharmacy	Development of Standardization Parameters of Some Herbal Drugs Used in Adjuvant Therapy	Prof. S. H. Mishra
25	Shri S. V. Sureshkumar	Pharmacy	Investigation on Some Plants of Alternative Medicine Used In Liver Disorders	Prof. S. H. Mishra
26	Ms. Jejurkar Uma Prashant	Applied Chemistry	Synthesis and Characterization of Water – Soluble Polyesters & Their Imides for Insulations Applications	Dr. C. N. Murthy
27	Shri Chouhan Bishramsingh Bharatsingh	Pharmacy	Synthesis of Some Heterocyclic Compounds as Potential Antihypertensive Agents	Prof. M. R. Yadav
28	Ms. Sharma Jaita Pankaj	Applied Mathematics	Controllability Analysis of Some Nonlinear Dynamical Systems	Dr. R. K. George
29	Ms. Pandit Purnima Kishor	Applied Mathematics	Mathematical Analysis of Hopfield Networks and Neural Networks Implementation of Steering Controls for Semilinear Systems	Dr. R. K. George

### **Faculty of Education & Psychology**

1	Shri Sompura Rashmin Tuljashankar	Psychology	A Computational Approach to Cognitive and Affective Process in Multiple Task Performance	Dr. Mario Xavier
2	Ms. Rishi Jyoti Dev	Psychology	A Study of Adjustment Academic Achievements and Professional Expectations of Hearing Impaired Student in Gujarat	Dr. Anjali Verma
3	Shri Bara Daniel Mathias	Education	A Study of the Developments and Implementation of An Instructional Strategy Incorporating the Theory of Multiple Intelligences	Prof. V. D. Thomas
4	Shri Patel Jignesh Bhogilal	Education	A Study of in Service Training Programmes Conducted by Diets of Gujarat State	Prof. R. G. Kothari

5	Shri Deepak John Mathew	Education	A Study of the Development and Effectiveness of An Instructional Strategy on Color and Form for Design Education	Prof. V. D. Thomas
6	Shri A. Ramachary	Education	The Study of Estimating Ability in Relation to the Achievement and Scientific Attitude of Students at Secondary Level of Baroda	Prof. S. Kumar
7	Ms. Talwar Pooja Rameshkumar	Education	Development of A Training Programme on Adolescence Education for Secondary School Teachers and Students and Studying its Effectiveness	Dr. Dipti Oza
8	Shri Patel Pradeep Manilal	Education	Development of A Programme for Enhancing Achievement of the Students of Class X In Mathematics	Prof. R. G. Kothari
9	Ms. Sikdar Mandira Sanjoy	Education	A Study of the Quality of Municipal Corporation Primary Schooling in Vadodara City	Prof. S. C. Panigrahi

### **Faculty of Family and Community Sciences**

1	Ms. Smirti Krishna	Home Management	An Ergonomic Assessment of Occupational Health Hazards Faced by Health Care Workers of Selected Hospitals	Prof. Veena Gandotra
2	Ms. Jayeeta Choudhury	Foods & Nutrition	Impact of Substrate Enriched Kitchen Based Protein Rich Polymeric Enteral Diets With Enteral Glutamine on the Surgical Gastrointestinal Patients	Prof. U. V. Mani
3	Ms. Dwivedi Reeta R.	Foods & Nutrition	Survey of Farmers for The Pesticide Use and Determination of Endosulphan Residues in Selected Vegetables Using Hplc Technique in Uttaranchal and Uttar Pradesh District of India	Dr. Mini Sheth
4	Ms. Solanki Daksha Natvarsinh	Foods & Nutrition	Longitudinal Studies on Urban Poor Adolescent Boys & Girls of Vadodara City : Is There Gender Discrimination?	Dr. Shubhada Kanani
5	Ms. Kulkarni Rachana Vasudev	HDFS	Understanding Social-Moral Development in Hindu, Maharashtra in Families : Insights from A Cultural Psychological Perspective	Dr. Shagufa Kapadia
6	Ms. Thakur Sonia H.	Home Management	Ergonomic Assessment and Testing of Technologies for Weeding Activity Performed by Women	Prof. Veena Gandotra
7	Ms. Gayatri Singhal	HDFS	Marriage, Higher Education and Identity of Women : Identifying Linkages in an Indian Context	Dr. Shagufa Kapadia

8	Ms. Desai Priti Parthiv	HDFS	Survey the Status and Develop An Indigenous Model of Early Intervention Services for Young Children With Special Needs	Prof. Prerana Mohite
9	Ms. Vasal Mukta Vikas	HDFS	Early Childhood Education (Ece) Ideas, Concepts and Practices in Rural Setting of Gurgaon (Haryana)	Prof. Prerana Mohite
10	Ms. Chauhan Komal Birenroy	Foods & Nutrition	Health Promotion for The Aged Through Intervention With Suitable Foods & Nutrient Supplementation	Prof. Pallavi Mehta

#### **Faculty of Law**

1	Shri Mann Jeetsingh Phoolsingh	Law	A Critical Study of the Comprehensive Social Security Scheme Pertaining to Labourers in Organised Sector in India Socio Economic & Legal Perspective	Dr. Syed Maswood
---	--------------------------------	-----	--	------------------

#### **Faculty of Fine Arts**

1	Ms. Jeong Chun-ok	Museology	A Comparative Study of Educational Roles, Practices and Impact of The National Museum of Mankind, Bhopal and The National Folk Museum of Korea, Seoul	Dr. Sanjay Jain
---	-------------------	-----------	---	-----------------

#### **Faculty of Management Studies**

1	Ms. Gupta Sapna Bakulesh	Management	A Study of Effective Mgt. of Selected Self – Finance Schools in Vadodara City	Dr. Kiran M. Joshi
2	Shri Bishnu Prasad Gautam	Management	Tourism Financing in Nepal	Prof. Amita S. Kantawala
3	Shri Iyer Muralidharan K.	Management	Power Sector Reforms in India and Restructuring of Gujarat Electricity Board – A Case Study	Dr. Kiran M. Joshi

#### **Faculty of Social Work**

1	Ms. Bulchandani Aarti Sunil	Social Work	A Study of Organizational Health With Reference to Job Satisfaction and Organizational Effectiveness	Prof. Aruna Khasgiwala
2	Ms. Mona A. Nargolwala	Social Work	A Study on Impact Assessment of Corporate Social Responsibility With Respect to Community Development Programmes of Industries in Gujarat	Prof. Anil Navale

#### **Faculty of Performing Arts**

1	Shri Gangani Jagdish Sundarlal	Dance	Contribution of Churu District Rajasthan in Growth and Development of Jaipur Gharana Kathak	Shri. Gangani Jagdish S. (Self Guide)
2	Ms. Sharma Priti Anand	Vocal (Music)	Shastriya Upshastriya Sangeet Ke Pariprekshya Mein Rajasthani Lok Sangeet Mand Ka Sthan Evam Vibhinn Shetron Ki Mand Gayan Shili Ka Tulnatamak Adhyan	Prof. D. K. Bhonsle

# XV

## Statement showing the Number of Faculty Members as on 31st March 2008

Sr. No.	Faculty #	Professor	Reader	Lecturer	Honorary Research and Others	Total
1	Faculty of Arts	5	32	60	24	121
2	Faculty of Science	16	35	96	40	187
3	Faculty of Edu. & Psy.	3	12	14	10	39
4	Faculty of Commerce	5	10	48	59	122
5	Faculty of Tech. and Engg.	38	73	96	119	326
6	Faculty of Law	1	1	2	41	45
7	Faculty of Fine Arts	2	4	20	15	41
8	Faculty of Family and Community Sciences	5	7	30	18	60
9	Faculty of Performing Arts	3	2	21	16	42
10	Faculty of Social Work	1	1	7	6	15
11	Faculty of Mgt. Studies	2	3	1	7	13
12	Faculty of Journalism & Communication *	1	0	2	15	18
13	Polytechnic	0	4	55	52	111
14	Shri M. K. Amin Arts & Science College and College of Commerce, Padra	0	0	19	2	21
15	Baroda Sanskrit Mahavidyalaya	0	0	4	5	9
16	Oriental Institute	0	1	5	2	8
<b>Total</b>		<b>82</b>	<b>185</b>	<b>480</b>	<b>431</b>	<b>1178</b>

# Excluding Faculty of Medicine

\* Vide S.R. No. 2(4) dated 28.8.1993

\*\*\*\*\*

## XVI

### Statement showing the Students-Teacher Ratio for the year 2007-2008

Sr. No.	Faculties/Institutions	No. of Teachers	Students Enrolment	Staff-Student Ratio
1	Faculty of Arts	121	5,185	01:42.85
2	Faculty of Science	187	2,902	01:15.52
3	Faculty of Education & Psychology	39	611	01:15.66
4	Faculty of Commerce	122	16,635	01:136.35
5	Faculty of Medicine	*	302	
6	Faculty of Technology & Engineering	326	3,267	01:10.02
7	Faculty of Law	45	729	01:16.20
8	Faculty of Fine Arts	41	476	01:11.60
9	Faculty of Family and Community Sciences	60	1,146	01:19.10
10	Faculty of Social Work	15	286	01:19.06
11	Faculty of Performing Arts	42	1,090	01:25.95
12	Faculty of Management Studies	13	97	01:7.46
13	Faculty of Journalism & Communication	18	38	01:2.11
14	Polytechnic	111	1,723	01:15.52
15	Baroda Sanskrit Mahavidyalaya	9	336	01:37.33
16	Shri M. K. Amin Arts and Science College and College of Commerce, Padra	21	1,193	01:56.81

\* Excluding Faculty of Medicine

\*\*\*\*\*

## XVII

### Statement showing Staff-Student Ratio for the Last Five Years

The staff and students ratio is calculated on the basis of students enrolled divided by the number of Teachers (excluding Faculty of Medicine). The table below shows the staff student ratio for the last five years:

Year	No. of University Teachers	Student Enrolment	Staff-Student ratio
2003-2004	1,153	34,051	1:29.53
2004-2005	1,103	35,392	1:32.08
2005-2006	1,098	35,850	1:32.65
2006-2007	1,092	38,938	1:35.65
2007-2008	1,178	35,714	1:30.31

\*\*\*\*\*

## XVIII

### Financial Assistance sanctioned to Teachers for Participation in Conferences and Seminars etc. in India during the year 2007-2008

Sr. No.	Name of the Teacher, Designation, Department & Faculty/Institution	Name, Date and Place of Conference/Seminar etc.
1	Dr.(Mrs.) Rolee Kanchan, Reader, Geography Department, Faculty of Science	To attend National Conference on Environmental Pollution and Health : Problems and Solutions at New Delhi during 19th -20th April 2007.
2	Dr. M. L. Wadekar, Offg. Director, Oriental Institute	To attend Seventh Session of the Brihan Maharashtra Prachya Vidya Parishad at Department of Sanskrit University of Bombay during 4th to 6th May 2007
3	Dr. Pravin C. Patel, Reader, Textile Engineering Department, Faculty of Technology and Engineering	To attend workshop on Applications of Geosynthetics Present and Future at Ahmedabad during 20th-21st September 2007
4	Dr. S.Y. Wakankar, Dy. Director, Oriental Institute	To attend International Sanskrit Conference at Nagpur during 7th-9th October 2007
5	Dr. M.B. Sureshkumar, Reader, Physics Department, Faculty of Science	To attend National Conference on "New Horizons of theoretical and Experimental Physics at University of Science and Technology, Cochin during 8th to 10th October 2007.
6	Dr. Nitin J. Vyas, Professor and I/c. Head, Philosophy Department, Faculty of Arts	To attend 82nd The Indian Philosophical Congress Sri Venkateshwar University, Tirupati, Andhra Pradesh. during 26th to 29th October 2007.
7	Dr. Yogini G. Nighoskar, Reader, Philosophy Department, Faculty of Arts	To attend 82nd The Indian Philosophical Congress at Sri Venkateshwar University, Tirupati, Andhra Pradesh. during 26th to 29th October 2007.
8	Ms. Bhargavi S. Patel, Lecturer, Clothing and Textiles Department, Faculty of Family and Community Sciences	To attend and present paper at 3rd International Conference on "Innovative use of Textured Yarn in Apparel and Home Textiles" at India Habitat Centre, New Delhi during 28th - 29th September 2007.
9	Shri Jignesh R. Mehta, Lecturer, Mechanical Engineering Department, Faculty of Engineering & Technology	To attend Seminar on "Advances in Building Management Services" at Institute of Technology, Nirma University, Ahmedabad. during 19th -20th October 2007.
10	Dr. Nagesh Chirumamilla, Lecturer, Botany Department, Faculty of Science	To attend and present paper at International Symposium on "Applied Phycology and Environmental Biotechnology" at BITS, Pilani, Rajasthan during 29th to 31st October 2007.
11	Dr. Rolee Kanchan, Reader and Head, Geography Department, Faculty of Science	To attend and present the paper at 29th Indian Geography congress at M.I. Sukhadia University, Rajasthan during 19th to 21st November 2007.
12	Dr. Rameshwari Pandya, Lecturer, Extension and Communication Department, Faculty of Family and Community Sciences	To attend and present the paper at 56th All India Adult Education Conference at Shegaon, Maharashtra during 4th to 7th December 2007.

- |     |   |   |
|-----|---|---|
| 13  | Dr. C. J. Panchal, Lecturer,<br>Applied Physics Department,<br>Faculty of Technology and Engineering        | To attend and present paper at International Conference on "Solar Cells" at Coachin during 21st to 23rd January 2008.   |
| 14  | Dr. M.S. Desai, Lecturer,<br>Applied Physics Department,<br>Faculty of Technology and Engineering           | To attend and present paper at International Conference on "Solar Cells" at Coachin during 21st to 23rd January 2008.   |
| 15  | Dr. K. Murlidharan, Professor,<br>Statistics Department,<br>Faculty of Science                              | To attend and present paper at International Conference on "Present Practices and Future Trends in Quality and Reliability" at Kolkata during 22nd to 25th January 2008.                            |
| 16  | Shri Jayendra N. Shah, Lecturer,<br>Textile Chemistry Department,<br>Faculty of Technology & Engineering    | To attend and present paper at International conference on "Futuristic Trends in Textiles (ICFT-2007)" at Jalandhar during 10th to 12th December, 2007.   |
| 17  | Dr. Kinnari Parekh, Lecturer,<br>Physics Department,<br>Faculty of Science                                  | To attend and present paper at the International Conference on "Magnatic Materials-ICCM-07" at Kolkata during 11th to 16th December 2007.   |
| 18  | Dr. A.S. Patel, Offg. Head,<br>Civil Engineering Department,<br>Faculty of Technology and Engineering       | To attend and present the paper at the 40 <sup>th</sup> Annual convention of I.W.W.A. Seminar on "Wise Water Management" at Indore during 7th to 9th February 2008.                                 |
| 19  | Dr. Sunita Sharma,<br>Lecturer,<br>Faculty of Management Studies  | To attend and present the paper at APROS Conference at Gurgaon, New Delhi during 9th to 12th December 2007.   |
| 20  | Shri B.L. Ghodadra, Lecturer,<br>Mathematics Department,<br>Faculty of Science                              | To attend and present the paper at 73 <sup>rd</sup> IMS Annual Conference on "The Magnitude of Vilenkin Fourier Coefficients" at Pune during 27th to 30th December 2007.                            |
| 21  | Professor V.H. Sonawane,<br>Archaeology and Ancient<br>History Department,<br>Faculty of Arts               | To attend and present the paper at the 12 <sup>th</sup> RASI Congress at Kerala during 26th to 28th October 2007.   |
| 22  | Dr. H.M. Pandey, Pradhyapaka,<br>Baroda Sanskrit Mahavidyalaya  | To attend and present the paper at "National Convention of Sanskrit Bharti" At Meerat during 25th to 27th October 2007.   |
| 23. | Dr. A.A..Ansari, Reader,<br>Geography Department,<br>Faculty of Science                                     | To attend and present the paper at National Seminar on "Geomorphology in Disaster Mitigation and Management" at Varansi during 15th to 17th February 2008.  |
| 24  | Dr. Neerja Jaiswal, Lecturer,<br>Home Management Department,<br>Faculty of Family and<br>Community Sciences | To attend and present the paper at International Ergonomic Conference- HWWE2007, at Central Institute of Agricultural Engineering Bhopal, during 9th to 12th December 2007.                         |
| 25  | Dr. Maqsood Ahmad,<br>Reader in Arabic<br>Persian Arabic and Urdu Department,<br>Faculty of Arts            | Deputed by the Hon'ble Vice-Chancellor to participate the National seminar on "Arabic Fiction after 2 <sup>nd</sup> World war" at Aligarh Muslim University, Aligarh during 18th - 19th March 2008. |

\*\*\*\*\*

## **XIX**

### **Financial Assistance sanctioned to Teachers for Participation in Conference and Seminar etc. abroad during the year 2007-2008**

Sr. No	Name of the Teacher, Designation, Department & Faculty/Institution	Name, Date and Place of Conference / Seminar etc.
1	Professor P. B. Joshi, Metallurgy Department, Faculty of Tech. and Engg.	To attend International Conference on "Power Metallurgy and Particulate Materials" at Denver, Colorado, U.S.A. during 13th to 16th May 2007.
2	Shri Rajendra Jadeja, Lecturer, Chemistry Department, Faculty of Science	To attend International Conference on "Pollution Ecology" at Guilin, China during 4th to 8th November 2007.
3	Dr. Anjali Karoliya, Reader, Clothing and Textile Department Faculty of Family and Community sciences	To attend Ars Textrina International Textile Conference - Textile territories at Belfast, Ireland during 11th -12th September 2007.
4	Ms. Arti Nanavati, Professor, Economics Department, Faculty of Arts	1. "Salzburg Global Seminar" and 2. To give a talk on "Women in the Labour Market with reference to India" at Austria, University of West Bohemia, Pilsen, Czech Republic during 3rd to 8th November 2007.
5	Dr. C.N. Murthy, Reader and Head, Applied Chemistry Department, Faculty of Tech. and Engg.	To visit South Korea under the INSA-Kosef International Collaboration Programme at South Korea during 1st October to 31st December 2007
6	Dr. G. R. Pandya, Professor, Physics Department, Faculty of Science	To attend 15th International Conference on "Crystal Growth" at Salt Lake City, Utah, U.S.A. during 12th to 17th August 2007.
7	Shri M. N. Qureshi, Lecturer, Mechanical Engineering Department, Faculty of Tech. and Engg.	To attend and present the paper at International Conference on "Industrial Engineering and Engineering Management" at Singapore during 2nd to 5th December 2007.

\*\*\*\*\*

## XX

### Teachers granted Study Leave during the year 2007-2008

Sr. No.	Name of Teacher & Designation	Name of Faculty	Period of Leave
1.	Dr. H. R. Panchal, Lecturer, Department of Physics	Science	2.8.2007 to 2.8.2009
2.	Shri Mahesh K. Maroliya, Lecturer, Department of Applied Mechanics	Technology and Engineering	23.1.2008 to 15.5.2008 (Resumed on 10.5.2008)
3.	Ms. S. Brintha Lakshmi, Lecturer, Department of Architecture	Technology and Engineering	13.2.2006 to 12.2.2009

\*\*\*\*\*

## XXI

### Teachers granted Sabbatical Leave during the year 2007-2008

Sr. No.	Name of Teacher & Designation	Name of Faculty	Period of Leave
1.	Dr. Tarun K. Das, Reader Department of Mathematics	Science	6.3.2007 to 3.11.2007 (Resumed on 27.10.2007)
2.	Prof. (Dr.) Mahesh Champaklal, Department of Dramatics	Performing Arts	5.3.2008 to 31.10.2008

\*\*\*\*\*

**XXII****Statement showing Non-Teaching Staff in various Faculties/Institutions during the year 2007-2008**

Sr. No	Faculty	Supervisory	Clerical	Technical	Peons	Total
1	University Office	8	99	7	35	149
2	Computer Centre	3	2	3	1	9
3	Office of Journal	0	0	0	1	1
4	Construction Division	2	7	13	30	52
5	Garden Establishment & Botanical Gardan	0	0	2	25	27
6	University Guest House	0	0	0	1	1
7	University Health Centre	1	0	1	3	5
8	Physical Education Department	6	2	6	9	23
9	Faculty of Arts	0	10	9	17	36
10	Faculty of Science	0	15	78	62	155
11	Faculty of Education and Psychology	0	5	6	3	14
12	Prof.C C Mehta Auditorium	0	2	4	6	12
13	Faculty of Commerce	0	21	0	27	48
14	Faculty of Management Studies	0	5	1	2	8
15	Faculty of Technology and Engg.	1	24	134	80	239
16	Faculty of Law	0	4	0	4	8
17	Faculty of Fine Arts	0	5	8	17	30
18	Faculty of Family & Commnity Sciences	0	5	12	17	34
19	Faculty of Social Work	0	3	2	6	11
20	Oriental Institute	0	3	5	5	13
21	Faculty of Performing Arts	0	4	6	9	19
22	Baroda Sanskrit Mahavidyalaya	0	2	0	3	5
23	Shri M K Amin Arts and Science and College of Commerce, Padra	0	7	3	8	18
24	Polytechnic	1	18	43	51	113
25	Smt. H.M. Library	4	4	34	17	59
26	University Press	2	1	29	3	35
27	Stationery Unit	0	0	3	1	4
28	Halls of Residence	0	4	6	82	92
29	AICS Training Centre	0	0	0	1	1
<b>Total</b>		<b>28</b>	<b>252</b>	<b>415</b>	<b>526</b>	<b>1221</b>

## XXIII

### Staff Members Retired during the year 2007-2008

Sr. No.	Name	Designation	Date of Retirement	Institution
<b>Teaching Staff</b>				
1	Shri D. R. Bhonsle	Professor	14/06/07	Performing Arts
2	Shri V. D. Pathak	Professor	14/06/07	Tech. & Engg.
3	Shri M. M. Godke	Professor	14/06/07	Tech. & Engg.
4	Shri B. P. Pandya	Professor	14/06/07	Arts
5	Shri J.R. Otia	Reader	14/06/07	Science
6	Shri A. P. Chavla	Reader	14/06/07	Performing Arts
7	Shri N. F. Patwa	Reader	14/06/07	Science
8	Shri R. P. Patodi	Reader	14/06/07	Tech. & Engg.
9	Shri N. M. Surana	Lecturer	14/06/07	Tech. & Engg.
10	Dr.(Mrs) Jayashree De	Professor	31/10/07	Science
11	Shri Rama G. Panikkar	Professor	31/10/07	Science
12	Shri Satyabrat Guha	Professor	31/10/07	Tech. & Engg.
13	Prof. N. G. Bhavsar	Professor	31/10/07	Tech. & Engg.
14	Shri Dilip B. Parikh	Lecturer	31/10/07	Commerce
15	Shri Bhikhubhai M. Patel	Lecturer	31/10/07	Polytechnic
16	Shri Suryakant J. Gadhavi	Lecturer	31/10/07	Polytechnic
17	Shri P. H. Pandya	Lecturer	31/10/07	Polytechnic
18	Shri G. H. Khatri	Lecturer	31/10/07	Fine Arts
<b>Non-Teaching Staff</b>				
19	Shri K. D. Parmar	Caretor	14/06/07	Tech. & Engg.
20	Shri A. K. Suthar	Lab.Asstt.	14/06/07	Tech. & Engg.
21	Shri V. K. Patel	Mistry	14/06/07	Tech. & Engg.
22	Shri H. N. Chokshi	Foreman	14/06/07	Tech. & Engg.
23	Shri M. B. Machhi	Cleaner	14/06/07	Tech. & Engg.
24	Shri M. C. Rajput	Lab Attender	14/06/07	Tech. & Engg.
25	Shri J. R. Vaidya	Lab Attender	14/06/07	Tech. & Engg.
26	Shri S. D. Jadhav	Tech. Asstt.	14/06/07	Tech. & Engg.
27	Shri S. T. Betkar	Peon	14/06/07	Edu.& Psy.
28	Shri R. S. Rana	Peon	14/06/07	Edu.& Psy.
29	Shri B. C. Parmar	Peon	14/06/07	Guest House
30	Shri O. M. Adhyaru	Attender	14/06/07	Oriental Institute

31	Smt. N. A. Solanki	Sweeper	14/06/07	Science
32	Shri S. B. Pawar	Lab Attendent	14/06/07	Science
33	Shri J. A. Amin	Lab. Asstt.	14/06/07	Polytechnic
34	Shri L. A. Makwana	Peon	14/06/07	Commerce
35	Shri S. R. More	Peon	14/06/07	Commerce
36	Shri N. H. Parmar	Hall Attendent	14/06/07	Halls of Residence
37	Shri B. S. Pawar	Lab. Attendent	14/06/07	Family & Comm. Sciences
38	Shri I. I. Malek	Asstt. Accountant	14/06/07	Arts
39	Shri D. S. Pawar	Lab. Attendent	14/06/07	Family & Comm. Sciences
40	Shri K. L. Chand	Watchman	14/06/07	Library
41	Smt. N. S. Kulkarni	Clerk	23/06/07	Science
42	Shri N. N. Shah	Chief Account Officer	V.R.S.on 13/08/07	Uni. Office
43	Shri K. B. Bhatia	Head Clerk	31/10/07	H. M. Library
44	Shri P. S. Bhoite	Tech.Asstt.	31/10/07	Tech. & Engg.
45	Shri U. D. Muley	Asstt. Auditor	31/10/07	Uni. Office
46	Shri S. M. Adhyaru	Tech.Asstt.	31/10/07	Tech. & Engg.
47	Shri S. L. Khant	Hall Attendent	31/10/07	Halls of Residence
48	Shri N. B. Pawar	Machine Attender	31/10/07	Polytechnic
49	Shri K. N. Solanki	Naik	31/10/07	Family & Comm. Sciences
50	Shri S. T. Parikh	Superintendent	31/10/07	Uni. Office
51	Kum. B. N. Desai	Superintendent	31/10/07	Uni. Office
52	Shri M. H. Malek	Driver	31/10/07	Uni. Office
53	Shri A. A. Pandya	Paster cum Artist	31/10/07	University Press
54	Shri R. B. Mali	Mali	31/10/07	PRC, Science
55	Shri Kautilya Shukla	Librarian	31/10/07	H. M. Library
56	Shri Vinubhai S. Shah	Head / Lecturer	31/10/07	Polytechnic
57	Smt. S. C. Bhavsar	Research Investigator	31/10/07	PRC, Science
58	Shri N. P. Das	Additional Director	31/10/07	PRC, Science

\* \* \* \* \*

## XXIV

### Grants for Development & Research Schemes During the year 2007-2008

Sr. No.	Particular	Amount Rs.
1	Grant from University Grants Commission	7,30,53,658.73
2	Grant from State Government	10,72,246.00
3	Grant from Council of Scientific & Industrial Research	24,77,368.93
4	Grant from Ministry of Education & Research	3,05,145.00
5	Grant from GEDA	1,68,902.75
6	Grant from Department of Atomic Energy	36,05,475.81
7	Grant from Ministry of Health & Family Welfare	81,87,914.00
8	Grant from Indian Council of Social Science & Research	1,77,000.28
9	Grant from Indian Council of Historical Research	4,20,000.00
10	Grant from National Council of Education, Research & Training	2,61,923.10
11	Grant from Indian Council of Medical Research	7,85,808.00
12	Grant from Indian Space Research Organization	4,92,000.00
13	Grant from Department of Science & Technology	3,72,54,916.12
14	Grant from Ministry of Environment and Forest	4,85,000.00
15	Grant from Ministry of Earth Science	5,00,000.00
16	Grant from All India Council for Technical Education	48,70,133.00
17	Grant from Ministry of Social Justices	1,97,906.00
18	Grant from Miniral Devt. of Gujarat	2,00,550.00
19	Grant from Gujarat Council of Prim. Education	7,75,416.00
20	Grant from GUJCOST	4,47,996.00
21	Grant from Concodia University	73,394.50
22	Grant from Guj. State Bio-Chem.	34,89,530.00
23	Grant from Highter Education Department	1,89,45,000.00
24	Grant from I. I.T. New Delhi	7,20,000.00
25	Grant from G.N.F.C.	9,85,222.00
26	Grant from Other Bodies	14,80,814.46
<b>TOTAL</b>		<b>16,14,33,320.68</b>

## XXV

### Statement of SC/ST/SEBC and Physically Challenged Staff during the Year 2007-2008

Sr. No.		SC	ST	SEBC	Physically Challenged	Total
1	Professor	2	0	1	0	3
2	Reader	2	0	2	0	4
3	Lecturer	9	3	10	1	23
4	Officers Class - I	0	0	1	0	1
5	Officers Class - II	0	0	0	0	0
6	Class III Employees	70	50	80	5	205
7	Class IV Employees	132	23	81	0	236
<b>Total</b>		<b>215</b>	<b>76</b>	<b>175</b>	<b>6</b>	<b>472</b>

## XXVI

### Number of Patients Treated at the Health Centre

The University Staff, their Families and the Students avail themselves of the Health Centre facilities provided by University Health Centre. The following are the figures for the patients treated and daily average attendance over a period of the last five years.

Year	Staff and their families	%	Students	%	Total	Daily average attendance
2003-2004	29,716	70.19	12,620	29.81	42,336	147
2004-2005	31,320	69.60	13,678	30.40	44,998	151
2005-2006	30,513	69.89	13,144	30.11	43,657	149
2006-2007	20,006	71.44	7,998	28.56	28,004	96
2007-2008	25,996	68.21	12,114	31.79	38,110	131

## XXVII

### Institution of Gold Medals, Prizes & Scholarships etc. during the Year 2007-2008

Sr. No.	Names of the Gold Medals , Prizes & Scholarships	Amount (Rs.)
1	Shri Kanibhai Alias Umedbhai Dahyabhai Patel Gold Medal	50,000
2.	Prof. R. H. Shah Umrethwala Memorial Gold Medal	50,000
3.	Lodge Tyrrell Leith No. 43 Gold Medals for two Medals. One for M.Sc. Geography and Second for M.A. History	1,00,000
4.	Dr. D. K. Shukla Memorial Gold Medals for two Medals. One for M.A. Economics and Sceond for M.Com. Business Economics	1,00,000

\*\*\*\*\*