

इह भोगं यशः प्रीतिं सभासु बहुमान्यताम् ।
दद्यात् परत्र सुगतिं विद्याघनमनुत्तमम् ॥

The wealth of learning of the best sort is bound to bestow enjoyment (of every kind), fame, affection (from all) and high honour in learned assemblies – all these here in this world, and supreme bliss in the world hereafter.

म. स. विश्वविद्यालय गीत

अमे वडोदराना विद्यापीठना सपना सारवनारा
अमे ज्योत जलावी सृष्टि नवली सहसा सर्जनहारा

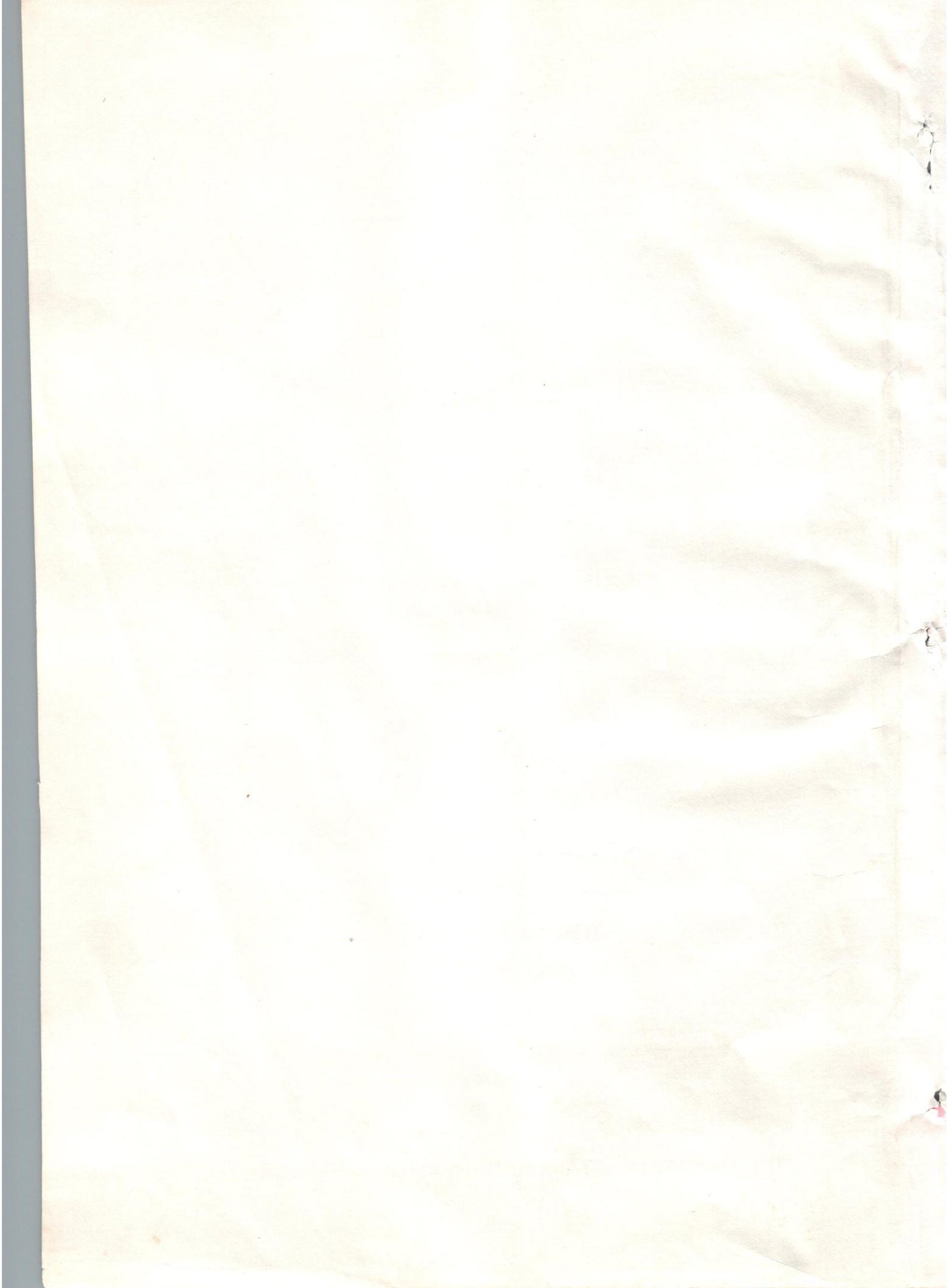
अमे गगनकुसुम कर धरनारा
अमे मगन मगन थई फरनारा
अगनबाथ अमे भरनारा
अमे दैन्यतिभिरने हरनारा

श्रीसयाजी विद्यापीठमां ज्ञानदीपने धरनारा
सत्यं शिवं सुन्दरमनो मंत्र अनंतर भणनारा



54th Annual Report 2002-2003

THE MAHARAJA SAYAJIRAO UNIVERSITY OF BARODA



Visitor, Officers of the University and Heads of Institutions 1.4.2002 to 31.3.2003

Visitor	:	Shri Sundersingh Bhandari
Chancellor	:	Dr. (Mrs) Mrunalini Devi Puar
Vice Chancellor	:	Prof. K.C. Upadhyaya (from: 18-4-2002)
Pro-Vice-Chancellor	:	Prof: V.D. Pathak (upto:24.3.2003)
Registrar	:	Shri A.V.Gupta
Librarian	:	Smt. Ila M. Maharaja (I/c.) (upto:29.9.2002) Dr. K.H. Shukla (from:30-9-2002)
DEANS		
Faculty of Arts	:	Prof. P.J. Patel (upto: 20.9.2002) Prof. V.H. Sonawane (Offg) (from 21-9-2002) (upto: 9-3-2003) Prof. S.J. Panchal (Offg) (from: 10-3-2003) (upto: 31-3-2003)
Faculty of Science	:	Prof. A.C. Shah
Faculty of Edu.& Psy	:	Prof. R.G. Kothari
Faculty of Commerce	:	Prof. M.D. Mohite
Faculty of Medicine	:	Dr. D.N. Shah (Offg) (upto:31-10-2002) Dr. N.C. Mehta (Offg) (from:1-11-2002) (upto:15-1-2003) (Dean) (from: 16-1-2003)
Faculty of Tech. & Engg.	:	Prof. S.G. Shah
Faculty of Law	:	Prof. S.D. Punekar
Faculty of Fine Arts	:	Prof. Dhruva Mistry (upto:2-12-2002) Prof. Dipak Kannal (Offg) (from:3-12-2002)
Faculty of Home Science	:	Prof. Veena Gandotra
Faculty of Social Work	:	Prof. Anil S. Navale
Faculty of Performing Arts	:	Prof. Mahesh Champaklal
Faculty of Management Studies	:	Prof. M.N. Dholakiya
Faculty of Journalism and Communications	:	Prof. S.K. Tewari
PRINCIPALS		
Baroda Sanskrit Mahavidyalaya	:	Dr. H.M. Pandey (Offg) (upto:5-5-2002) (Principal) (from: 6-5-2002)
Polytechnic	:	Shri N.K. Somani (I/c.) (upto:23.7.2002) Shri V.Y. Sane (from: 24.7.2002)
M.K. Amin Arts and Science College & College of Commerce-Padra	:	Dr. W.V. Ahire
HEADS OF RECOGNISED INSTITUTIONS		
Director, Oriental Institute	:	Dr. M.L. Wadekar (I/c.)
Director : Centre for Continuing/Adult Education and Community Services	:	Shri J.A. Inamdar (I/c)
Director, The Baroda Museum and Picture Gallery	:	Shri T.L. Chauhan (upto:10.7.2002) Shri K. Soman (Add. Charge) (from:11-7-2002) (Regular) (from:13-2-2003)

The Annual Report Committee (2002-2003)

Chairman

Prof. K.C. Upadhyay, Vice-Chancellor

Convener

Prof. Mayank Dholakia, Dean, Faculty of Mgt. Studies

Members

Prof. R.G. Kothari, Dean, Faculty of Education & Psychology

Prof. Aruna Khasgiwala, Dean, Faculty of Social Work – Members

Prof. Deepak Kannal, Dept. of Art History & Aesthetics, Faculty of Fine Arts – Members

Dr. Debal Dasgupta, Dept. of Russian, Faculty of Arts – Members

Dr. K. Krishnan, Dept. of Archaeology & Ancient History, Faculty of Arts – Members

Dr. Sarat Bansa, Dept. of Business Economics, Faculty of Commerce – Members

Smt. Jayshree Mishra, Dept. of English, Faculty of Commerce – Members

Prof. S.M. Joshi, Dept. of Educational Administration, Faculty of Education & Psychology – Members

Dr. Mario Xavier, Dept. of Psychology, Faculty of Education & Psychology – Members

Shri Kashyap Parikh, Dept. of Applied Arts, Faculty of Fine Arts – Members

Shri Indrapramit Roy, Dept. of Painting, Faculty of Fine Arts – Members

Prof. Prerana Mohite, Dept. of HDFS, Faculty of Home Science – Members

Dr. (Mrs.) Shashi Tuteja, Dept. of Foods & Nutrition, Faculty of Home Science – Members

Dr. Manisha Shelat, Faculty of Journalism & Communication – Members

Dr. Masood Syed, Faculty of Law – Members

Dr. R.N. Daveshwar, Dept. of Orthopedic, Faculty of Medicine – Members

Dr. Atul Saxena, Dept. of Surgery, Faculty of Medicine – Members

Mr. Harish Vyas, Dept. of Dramatics, Faculty of Performing Arts – Members

Prof. B.V. Kamath, Dept. of Chemistry, Faculty of Science – Members

Prof. Yogesh Jasrai, Dept. of Botany, Faculty of Science – Members

Dr. Tarun Das, Dept. of Mathematics, Faculty of Science – Members

Dr. G. Naresh Kumar, Dept. of Bio-Chemistry, Faculty of Science – Members

Prof. P. Prabhakaran, Dept. of Mechanical Engg., Faculty of Technology & Engineering – Members

Prof. R.S.R. Murthy, Dept. of Pharmacy, Faculty of Technology & Engineering – Members

Shri V.S. Vijayragavan, Baroda Sanskrit Mahavidyalaya – Members

Dr. Sarah Ahmed, Shri M.K. Amin Arts & Science College & College of Commerce, Padra – Members

Shri Gopal Bhatti, Polytechnic – Members

Co-opted Members

Shri P.N. Srivastava, Manager, University Press

Dr. Kautilya H. Shukla, University Librarian, Smt. Hansa Mehta Library

Shri K.B. Desai, I/c. Director, Physical Education Department

Member Secretary

Shri Manmath S. Mehta Offg. Development Officer

Faculty Level Committees

- Faculty of Science :** Prof. Smt. Anjana Desai, Convener, Dr. D.A. Sant, Dr. P.K. Mehta, Dr. Arun Arya, Dr. Smt. Debjani Chakraborty, Dr. T.K. Das
- Faculty of Education & Psychology :** Dr. N.J. Pradhan, Convener, Dr. K. Pushpanadham, Dr. Anjuli Verma, Dr. Urmi Nanda Biswal, Dr. Y.D. Rao, Mr. V.R. Acharya, Dr. Ashutosh Biswal, Mr. R.R.Rana, Mr. H.H. Gamit,
- Faculty of Commerce :** Dr. Alok Shah, Convener, Dr. Jayantkumar, Ms. Smita P. Patel, Dr. Hema S. Bansal, Smt. Neeta D. Baloni, Ms. Lizy Thomas,
- Faculty of Medicine :** Dr. D.C. Vyas, Convener, Dr. Minoobhai Patel, Dr. Atulbhai Saxena,
- Faculty of Home Science :** Dr. Neena Jaju, Convener, Mrs. Bhargavi Patel, Ms. Shilpa Deshmukh, Dr. Rameshwary Pandya, Dr. Neerja Jaiswal, Ms. Prarthana Pant, Dr. Sangeeta Chaudhary, Dr. Nandini Manjarekar, Mr. Deepad Brahmhatt,
- Faculty of Performing Arts :** Shri N.N. Ghanekar, Convener, Shri B.I. Mahant, Shri A.V. Ashtaputre, Shri A.S. Pathan, Dr. R.J. Mahiswas, Smt. Jyotsna Mehta, Smt. Jyuthika Mahen, Dr. B.R. Upadhyay
- Baroda Sanskrit Mahavidyalaya :** Shri V.S. Vijayraghavan, Convener, Dr. Rampal A. Shukla, Shri P.A. Christin,
- M.K. Amin Arts & Science College & College of Commerce, Padra :** Dr. Sarah Ahmed, Convener, Mrs. Tejovati S. Prabhu, Shri Venkateshwarlu, Shri Akash Kumar, Dr. D. Ramesh, Shri Shailesh Amin,
- Oriental Institute :** Prof. Dr. M.L. Wadekar, Convener, Dr. S.Y. Wakankar, Dr. (Smt.) U.M. Brahmachari, Dr. (Smt.) M.P. Pathak, Dr. Sweta Prajapati, Shri J.K. Umarethiya, Shri B.C. Chauhan, Shri B.R. Gor

I have so much faith in education that I have tried and shall ever try to promote its spread to the best of my ability and power. Allow me to remind you that mere reading and writing, mere knowing of books, and being able to argue well do not constitute true education. The endeavours of an educated man ought to be to bring into practical life the high and noble principles he may have learnt both in and out of school. We may not be able to carry out all these principles, but we should make every earnest endeavours to do so.

(From : "*Speeches & Addresses of His Highness Sayajirao III,*" Vol. 1, p. 72)

Chapter	Subject
1.	The Syndicate and the Senate
2.	Other Authorities of the University
3.	Other Boards and Committees
4.	Research Work in the University
5.	Distinguished Lectures at the University
5(A)	Highlights of the Faculties
6.	Faculty of Arts
7.	Faculty of Science
8.	(A) Faculty of Education and Psychology
	(B) University Experimental School
9.	Faculty of Commerce
10.	(A) Faculty of Medicine
	(B) Seth Ujamsinh Pitambardas Ayurvedic Research Unit
11.	Faculty of Technology and Engineering
12.	Faculty of Law
13.	Faculty of Fine Arts
14.	Faculty of Home Science
15.	Faculty of Social Work
16.	Faculty of Performing Arts
17.	Shri Maganbhai Shankarbai Patel Institute of Management Studies
	(Faculty of Management Studies)
18.	Faculty of Journalism and Communication
19.	Polytechnic
20.	Baroda Sanskrit Mahavidyalaya
21.	Shri M.K. Amin Arts and Science College and College of Commerce, Padra
22.	Oriental Institute
23.	(A) Centre for Continuing/Adult Education and Community Services
	(B) All India and Central Services Training Centre
	(C) Computer Centre
	(D) Health Centre
	(E) General Education Centre
	(F) University Employment Information & Guidance Bureau
	(G) University Publications Sales Unit
24.	Shrimati Hansa Mehta Library
25.	The M. S. University of Baroda Press
26.	Activities of Construction Division
27.	The M. S. University Union
28.	(A) Halls of Residence
	(B) National Service Scheme
	(C) National Cadet Corps
	(D) Department of Physical Education
	(E) Students Common Room
	(F) Foreign Students
	(G) Baroda University Teachers' Association
	(H) Baroda University Staff Association
	(I) The M.S. University Officers' Association

24/1

01. The Syndicate and The Senate

SYNDICATE

Ex-Officio Members

1 Vice-Chancellor
Prof. K.C. Upadhyaya From:18-4-2002

2 Pro-Vice-Chancellor
Prof. V.D. Pathak Upto:24.3.2003

3 Commissioner of Higher Education (or an officer not below the rank of Joint Director of Higher Education Designated by such Commissioner.)

4 Director of Technical Education (or an officer not below the rank of Joint Director of Technical Education Designated by such Director)

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)

Two Deans Elected by the Senate

6 Prof. S.K.Tewari From:4-3-2003

7 Prof. Anil S.Navale Upto:3-3-2003
Prof. M.D. Mohite From:4-3-2003

One Professor Nominated by the Vice-Chancellor

8 Prof. A.V. Shroff From:20-8-2002

One Principal Elected by the Senate

9 Dr. H.M. Pandey From:4-3-2003

Six persons elected by the Senate From amongst its members who are Neither Teachers nor Employees nor Students of the University

10 Shri Nilesh Shukla Upto:3-3-2003
Shri Mukundbhai B.Shah From:4-3-2003

11 Shri R.C. Patel

12 Dr. Narendra Parmar Upto: 3-3-2003
Ms. Neela N. Dongre From: 4-3-2003

13 Shri Cassim Unia Upto: 3-3-2003
Dr. Prakash M.Shah

14 Shri Rajendra S. Trivedi From: 4-3-2003

15 Shri Dipak N. Shah From: 4-3-2003

One Head of Department elected by all Heads of the Departments

16 Prof. P.P. Patel Upto: 3-3-2003
Dr.Rajiv N. Daveshwar From:4-3-2003

Five Teachers of the University elected by the Senate

17 Prof. Bhuvan S. Parekh From:4-3-2003

18 Dr.(Mrs) Shashikanta Tuteja From:4-3-2003

19 Dr.Satish J. Patel From:4-3-2003

20 Shri M.S. Deshpande Upto:3-3-2003
Shri V.S. Patel From:4-3-2003

21 Dr. I.I. Pandya Upto:3-3-2003
Shri H.D. Vyas From 4-3-2003

Four persons nominated by the State Government

22 Shri Gopal Bhati Upto:3-3-2003

23 Shri Ajay Joshi Upto:3-3-2003

24 Shri Pragnesh Shah Upto:3-3-2003

25 Shri Ghanshyam Dalal Upto:3-3-2003

During the year 10 meetings of the Syndicate (9 Ordinary + 1Special) were held in which 229 items were considered and resolved.

01. The Syndicate and The Senate

SENATE

- Ex-Officio Members**
- 1 Chancellor
Dr.(Smt) Mrunalini Devi Puar
- 2 Vice-Chancellor
Prof. K.C. Upadhyaya From : 18-4-2002
- 3 The last Ex-Vice-Chancellor of the University residing in the State
Dr. Anil S. Kane
- 4 Pro-Vice-Chancellor
Prof. V.D. Pathak Upto:24-3-2003
- 5 Registrar : Shri A.V. Gupta
- 6 Librarian : Dr.K.H. Shukla From: 30-9-2002
- 7 Commissioner of Higher Education (or an officer not below the rank of Joint Director of Higher Education Designated by such Commissioner.)
- 8 Director of Technical Education (or an officer not below the rank of Joint Director of Technical Education Designated by such Director)
- 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)
- 10 Chairman of the Gujarat Secondary Education Board
- 11 Director of Employment & Training (or an officer not below the rank of Joint Director of Employment & Training designated by such Director.)
- Deans of the Faculties**
- 12 Arts : Prof. P.J. Patel Upto:20-9-2002
- 13 Science : Prof. A.C. Shah
- 14 Edu.&Psy : Prof. R.G. Kothari
- 15 Commerce : Prof. M.D. Mohite
- 16 Medicine : Dr. N.C. Mehta From:16-1-2003
- 17 Tech.& Engg : Prof. S.G. Shah
- 18 Law: Prof. S.D. Punekar
- 19 Fine Arts : Prof. Dhruva Mistry From: 5-8-2002
Upto:2-12-2002
- 20 Home Science: Prof. Veena Gandotra
- 21 Social Work: Prof. Anil S. Navale
- 22 Performing Arts: Prof. Mahesh Champaklal
- 23 Management Studies : Prof. M.N. Dholakiya
- 24 Journalism & Communication :Prof. S.K. Tewari
- Principals of Constituent Colleges**
- 25 Polytechnic : Shri V.Y. Sane From: 24.7.2002
- 26 M.K. Amin Arts & Science College & College of Commerce, Padra : Dr. W.V. Ahire
- 27 Sanskrit Mahavidyalaya:
Dr. H.M. Pandey From 6-5-2002
- Heads of Recognised Institutions**
- 28 Director, Centre for Continuing Adult Education & Community Services : Vacant
- 29 Director, Oriental Institute : Vacant
- 30 Director, Baroda Museum and Picture Gallery :
Shri T.L. Chauhan Upto:10-7-2002
Shri K. Soman From13-2-2003
- Members of the Syndicate Falling under clause (vii) of Sub Section (2) of Section 23**
- 31 Prof. A.V. Shroff From: 20.8.2002
- Members of the Syndicate Falling under clause (x) of Sub Section (2) of Section 23**
- 32 Prof. P.P. Patel Upto:3-3-2003
Dr. Rajiv N. Davesware From: 4-3-2003
- All the Trustees of Sir Sayajirao Dimond Jubilee & Memorial Trust**
- 33 Shri Samarjitsinh Gaekwad
- 34 Shri A.K. Patel
- 35 Shri I.C. Patel
- 36 Shri Mukundbhai B. Shah
- 37 Shri R.P. Gaekwad
- The Mayor of the Baroda Municipal Corporation**
- 38 Smt. Bhartiben K. Vyas
- The President, Vice President and General Secretary of the M.S. University Union**
- 39 President: Dr. Sanjiv Vaid Upto:30-6-2002
Shri K.S. Agrawal From:1-7-2002

01. The Syndicate and The Senate

40 Vice-President:
Shri Mehu! Lakhani From: 30-9-2002

41 General Secretary :
Shri Rutvij Joshi From: 30-9-2002

Ordinary Members (Five Professors)

42 Prof. Nikhil Desai : Science

43 Dr.Minoo R. Patel : Medicine

44 Prof. B.S.Parekh : Tech & Engg

45 Prof. Prerana D. Mohite : Home Science

46 Prof. Kiran M. Joshi : Mangt. Studies

One Member each elected Faculty wise

47 Arts : Shri Amit R. Dholakia

48 Science : Dr. Satish J. Patel

49 Edu.&Psy : Dr. S. C. Panigrahi

50 Commerce : Shri Kalpesh H. Shah

51 Medicine : Dr. A.K. Saxena Upto:1-12-2002

52 Tech. & Engg : Dr. I.I. Pandya

53 Law : Vacant

54 Fine Arts: Shri M.S. Deshpande

55 Home Science : Dr.(Mrs) Shashikanta Tuteja

56 Social Work : Shri M.N. Parmar

57 Per. Arts : Shri J.S.Gangani

58 Mgt. Studies : Dr.(Kum)Amita S.Kantawala

59 Journa. & Commu: Vacant

One Member elected from each of the constituent colleges & recognized institutions

60 Polytechnic : Shri V.S. Patel

61 Sanskrit Mahavidyalaya:
Dr. U.H. Shukla

62 M.K. Amin Arts & Science College & College of
Commerce, Padra : Shri Shyam Agrawal

63 Oriental Institute : Dr. (Mrs) Meena P. Pathak

One Member each elected Faculty wise by Registered Graduates

64 Arts : Dr. Dineshsingh N. Yadav

65 Science : Shri P.J. Patel

66 Edu.& Psy.: Shri R.C. Patel

67 Commerce : Shri R.J. Darji

68 Medicine : Dr. Prakash M. Shah

69 Tech.&Engg: Shri Narendra A. Ravat

70 Law: Shri Niramay K. Parikh

71 Fine Arts :Shri Bipin B.Patel

72 Home Science : Smt. Rajeshwari M. Trivedi

73 Social Work : Dr. Narendra Parmar

74 Per. Arts : Ms. Parul V.Patel

75 Mgt. Stud. : Shri Pantul R. Kothari

76 Jour. & Comm.: Shri Gautam P. Upadhayay

One Representative elected by Federation of Gujarat Mills and Industries, Vadodara

77 Shri S.S. Chawala

One Representative elected by the Heads of Secondary Schools in the University Area

78 Shri G.M. Patel

One Representative elected by the Secondary Teachers in the University Area

79 Shri S.D. Trivedi

Two representatives elected by the Members of the Gujarat Legislative Assembly

80 Shri Dilubha T.Chudasama Upto: 19-7-02
Shri Jitendrabhai Sukhadia From: 28-3-03

81 Shri Yogesh Patel Upto: 19-7-02
Shri Punambhai Parmar From: 28-3-03

One Representative elected by the Registered Trade Unions in the University Area

82 Shri Vipinchandra R. Patel From 16.4.2002

One Member elected by the Bar Council of the State of Gujarat From:16-4-02

83 Shri R.S. Trivedi

Two Members elected by Donors

84 Shri Nilesh J. Shukla

85 Shri Cassim Unia

Fifteen persons nominated by the State Government From 6-6-2002

86 Smt. Neela N. Dongre

87 Shri Harishchandra D.Vyas

88 Shri Dhimant V. Bhatt

89 Shri Kamlesh K. Mehta

01. The Syndicate and The Senate

- 90 Shri Pravinchandra A. Jani
- 91 Shri Rameshbhai R. Bhatt
- 92 Shri Bhupendrabhai R. Patel
- 93 Shri Lalitchandra Raj
- 94 Shri Sanjay N. Jaiswal
- 95 Shri Dileep B. Nepali
- 96 Dr. Suresh R. Patani
- 97 Shri J.B. Rajput
- 98 Shri Deepak Shah
- 99 Shri Dinesh K.Chokshi
- 100 Shri Mukesh H. Pandya

One Representative of the Union of the Non-Teaching Staff of the University nominated by the Vice-Chancellor

- 101 Vacant

During the year three Senate meetings were held as per following details :

1. SENATE - 5-10-2002

The Annual meeting of the Senate scheduled to be held on 30-3-2002 was postponed and was held on 5.10.2002 which was attended by 73 members.

Before taking up the items of the Statement of Business, the members of the Senate placed on record the services rendered by (1) Her Highness Rajmata Shanta Devi Gaekwad (2) Shri A.G. Telpande (3) Shri Raojibhai C. Patel (Mota) (4) Shri I.P. Shelat and (5) Dr. Indira Bhanot and offered their sincere and heartfelt condolences to the bereaved families of the deceased distinguished persons, who were members on the Senate in past.

Eighty-five members were assigned the Faculties. The Annual Report and the Annual Accounts for the year 2000-2001 were accepted.

The Annual Financial Estimates comprising the Revised estimates for the year 2001-2002 & the Financial Estimates for the year 2002-2003 were approved by the Pro-Vice-Chancellor u/s 11(5) (a) read with section 12 (5) of the Act were informed to the Senate. Statute 91, 128 and 199 were approved.

Replies to questions were placed on the table during the session of question answer, supplementary questions were replied by the Chairman and 11 Gold Medals, 1 Scholarship and 4 Prizes were instituted.

2. Election Senate Meeting - 21-2-2003 :

An election meeting of the Senate was held on 21-2-2003 for the Election of the members from the Senate under different constituencies to the Syndicate, and Council of Post Graduate Studies and Research, Board of Accounts and Board of Extra Mural Studies.

3. Senate Meeting- 29-3-2003 :

The Annual Meeting of the Senate was held on 29-3-2003 which was attended by 79 members.

27 Members were assigned to the Faculties.

The Annual Report and the Annual Accounts for the year 2001-2002 were accepted.

The Annual Financial Estimates comprising the Revised Estimates for the year 2002-2003 and the Financial Estimates for the Year 2003-2004 were accepted.

The pamphlet No. 19 of the Ordinances passed by the Syndicate were partly approved.

Replies to questions were placed on the table and during the session of question answer, supplementary questions were replied by the Chairman.

18 Gold Medals were approved.

2. Other Authorities of The University

I. COUNCIL OF POST-GRADUATE STUDIES AND RESEARCH

The Council of Post-Graduate Studies and Research Meetings were held on 24th December 2002 and 20.7.2003, following were the principal items considered and recommended by the Council and subsequently approved by the Syndicate vide S.R. No. (AC) 2003-I-19 and S.R.No.(AC) 2003-VII-6 dated 2.1.2002 and 25.7.2003 respectively.

The cancellation of Ph.D. registration of 1) Ms. Sophia Qureshi, 2) Ms. Radha Aras and 3) Ms. Sudha Iyer which were forwarded through Dean/HOD on the recommendation of their Guides be approved.

The reports of the Committee for recognition of Asea Brown Boweri Limited R and D Centre, Maneja, Baroda for pursuing research leading to the award of M.Phil/Ph.D. or without any degree objective in the area of Electrical Engineering and Electronics in the Faculty of Technology and Engineering be accepted.

The application of Dr. C.G. Padole for recognition as P.G. Teacher in Physiotherapy be approved.

The Cancellation of Ph.D. registration of 1) Reginder Swaransing Sokhi and 2) Dilip Mohanlal Kataria on the recommendation of their Guide Dr. Rajkumar Hans, Department of History, Faculty of Arts be approved.

Ms. Pooja Srinivas, for registration as the Post-Graduate student for the Ph.D. degree in the subject of Management on the strength of her having passed M.Com. examination from Sardar Patel University, in the field of Marketing Management be approved.

The recommendation of the (F. I. No.3 (7)) Co-Guide for Ph.D. as per O.Ph.D.1(III) Second paragraph be changed as "Any Ph.D. Guide recognized by M.S. University in Department concerned can be appointed as Co-Guide" be approved.

The report of the Committee for recognition of R and D Centre, Alembic Ltd., Vadodara for recognition for Ph.D. Programmes in the subject of Chemistry and Microbiology in the Faculty of Science, be accepted.

The report of the Committee for recognition of Zydus Cadila Research Centre, Ahmedabad for recognising Ph.D. Degree in the subjects of Bio-

Chemistry, Botany, Chemistry, Microbiology and Zoology in the Faculty of Science, be accepted.

The registration of Ph.D. Degree of Shri Parmar Manishkumar C. in the subject of Applied Physics on the strength of his having passed M.Sc. Applied Physics Examination in Fourth attempt from M.S. University of Baroda be considered post-facto.

Mr. Raju Rai for registration as per P.G. Diploma student for the Ph.D. Degree in the subject of Personal Management Industrial Relations on the strength of his having passed P.G. Diploma in Personnel Management and Industrial Relations which is equivalent to Master's degree of Indian University Faculty of Management Studies, be approved.

The Council also considered and recommended for approval i) the items of Panels of referees, to examine Ph.D thesis in different subjects, ii) Recognition of Teachers as University Post-Graduate Teachers for guiding students for Ph.D./ M.Phil. Post-Graduate degrees/extension of period for submitting the thesis/dissertation under O.Ph.D.4 (iv) and O.M.Phil.6 (vii), (iii) Registration for Ph.D. under O.Ph.D. 1(i and ii) granting eligibility for Ph.D. and M.Phil.

II. FACULTIES

There are thirteen Faculties in the University, its meetings were held during the year (2002-2003) as shown below:

Sr. No.	Name of the Faculty	Date of Meeting
1.	Arts	27.3.2003
2.	Science	24.2.2003
3.	Education & Psychology	25.9.2003
4.	Commerce	25.3.2003
5.	Technology & Engineering	25.9.2003
6.	Management Studies	17.10.2003
7.	Fine Arts	17.4.2003
8.	Performing Arts	25.4.2003
9.	Home Science	30.1.2003
10.	Medicine	24.1.2003
11.	Law	23.1.2003
12.	Social Work	10.4.2003
13.	Journalism & Communication	31.1.2003

2. Other Authorities of The University

III. BOARDS OF STUDIES

Boards of Studies in 68 different subjects met on dates as shown below :

Sr. No.	Name of the Board of Studies	Date of Meeting
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FACULTY OF ARTS

1.	Sanskrit, Pali & Prakrit Languages & Literatures	16.9.2002
2.	Persian, Arabic & Urdu Languages and Literatures	16.9.2002
3.	Hindi Language	17.9.2002
4.	Gujarati Language	17.9.2002
5.	Marathi Language & Literature	18.9.2002
6.	English Language	5.9.2002
7.	Modern & Ancient European Languages & Literatures	26.3.2003
8.	Sociology	5.9.2002
9.	Archaeology, Ancient History and Culture	20.9.2002
10.	History	20.9.2002
11.	Philosophy	21.9.2002
12.	Linguistics	21.9.2002
13.	Library & Information Science	23.9.2002
14.	Political Science	23.9.2002
15.	Economics	24.9.2002
16.	Traditional Sanskrit Studies	24.9.2002

FACULTY OF EDUCATION & PSYCHOLOGY

17.	Education & Educational Administration	25.9.2002
18.	Psychology	25.9.2002

FACULTY OF SOCIAL WORK

19.	Social Work	26.9.2002
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FACULTY OF PERFORMING ARTS

20.	Music (Vocal/Instrumental)	26.9.2002
21.	Dance - Sp. 25-4-2003	27.9.2002
22.	Dramatics	27.9.2002

FACULTY OF SCIENCE

23.	Physics & Meteorology	30.9.2002
24.	Chemistry	30.9.2002
25.	Botany	1.10.2002
26.	Zoology	4.10.2002
27.	Bio-chemistry	19.10.2002
28.	Microbiology	3.10.2002
29.	Geology	4.10.2002
30.	Mathematics	29.1.2002

31.	Statistics & Actuarial Science	5.10.2002
32.	Geography	5.10.2002

FACULTY OF COMMERCE

33.	Banking & Business Finance	20.9.2002
34.	Accounting & Financial Management	20.9.2002
35.	Commerce Including Business Administration	20.9.2002
36.	Co-operation	21.9.2002
37.	Business Economics	21.9.2002

FACULTY OF MEDICINE

38.	Anatomy, Psysiology & Bio-chemistry	9.10.2002
39.	Medicine & Allied Branches	10.10.2002
40.	Pathology, Microbiology, Pharmacology & Forensic Medicine	10.10.2002
41.	Surgery & Allied Branches	11.10.2002
42.	Obstetrics Gynecology & Pediatrics	14.10.2002
43.	Physiotherapy	14.10.2002

FACULTY OF FINE ARTS

44.	Painting, Sculpture, Applied Arts, Art History & Graphic Arts	20.2.2003
45.	Museology	16.10.2002

FACULTY OF LAW

46.	Law	30.11.2002
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FACULTY OF MANAGEMENT STUDIES

47.	Management Studies	17.10.2002
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FACULTY OF TECHNOLOGY AND ENGINEERING

48.	Textile Engineering	19.10.2002
49.	Textile Chemistry	19.10.2002
50.	Civil Engineering	21.10.2002
51.	Applied Mechanics	21.10.2002
52.	Mechanical Engineering	22.10.2002
53.	Metallurgical Engineering	22.10.2002
54.	Electrical Engineering & Electronics	23.10.2002
55.	Chemical Engineering	23.10.2002
56.	Architecture	5.2.2003
57.	Applied Physics	24.10.2002
58.	Applied Chemistry	25.10.2002
59.	Applied Mathematics	25.10.2002

2. Other Authorities of The University

60.	Pharmacy	25.11.2002
61.	Computer Science	25.11.2002
62.	Water Resources Engineering & Management	26.11.2002

FACULTY OF HOME SCIENCE

63.	Human Development & Family Studies	26.11.2002
64.	Foods & Nutrition	27.11.2002
65.	Home Science Extension & Communication	27.11.2002
66.	Home Management	28.11.2002
67.	Clothing & Textile	28.11.2002

FACULTY OF JOURNALISM & COMMUNICATION

68.	Journalism & Communication	19.10.2002
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FACULTY OF ARTS

MEETING HELD ON 27th MARCH 2003

1. The revision of existing syllabi of Hindi Language & Literature was approved.
2. The candidate of M.S.U. having minimum of 45% marks in B.A. (Hindi Major) to be admitted to M.A.I in subject of Hindi from academic year June 2004-05 & those from outside M.S.Uni. having minimum 55% and with 5% relaxation for reserved category was approved.
3. The replacing of certain book prescribed for F.Y.B.A. to M.A.II courses in subject of Marathi be approved and be implemented from the academic year 2003-04.
4. The revised syllabus of English Lang. & Literature for four years Degree course in Bachelor of Engineering (Textile Chemistry) after H.Sc. (XII) be accepted with effect from June 2002 for a period of three years.
5. Approved that the
 - (a) existing syllabi for French in operation is already in accordance with UGC guidelines only unit wise syllabi.
 - (b) German Dept. has already revised the syllabus keeping in view the guidelines of UGC.
 - (c) Russian Dept. has been following the syllabi in accordance with UGC guidelines.

The existing syllabi for French, German & Russian be approved as it is in accordance with the UGC guidelines.
6. The text book "Panorama" to be included for self financed courses in French levels I & II be approved.
7. The S.Y.B.A. (Special & subsidiary) paper II & S.Y.B.A. (Sp.) paper III to be introduced from academic year 2003-04 be approved.
8. The restructuring & revised syllabi of the following Subjects be approved & same be made effective from the academic year 2003-04.
 1. T.Y.B.A. Paper IV Religion & Society
 2. M.A.P.I. Gr.AP. IV Archaeological Methods & theory
 3. M.AP.III Gr.B.P. V Political & Cultural History of India from vedic period to 12th century AD early
 4. M.A. P.II Gr.B.P. VI Bronze Age civilization Mesopotamia.
9. The introduction of History paper entitled "Modern World : An Historical outline" and its implementation at F.Y.B.A. (Optional) be approved and same be implemented from academic year 2003 onwards was approved.
10. The revised synopsis of the following M.A.I Paper.
 - (a) Group B(Modern) paper III a: British Rule in India
 - (b) Group B(Modern) paper IV a:economic History of Modern India be approved and implemented from the academic year 2003 onwards.
11. The inclusion of T.Y.B.A.(Optional) P.VII C: Colonialism & imperialism be approved & be implemented from academic year 2003 onwards.
12. The curriculum revised on the basis of UGC model curriculum for UG/PG courses was approved and same be made effective from the academic year 2003-04 in the subject of Philosophy progressively.
13. The restructuring of syllabus in the subject of linguistics as per UGC model curriculum for UG/PG courses was approved and same be made effective from the academic year 2003-04 progressively.
14. The existing curriculum based on UGC Model for post-graduate courses i.e. B.Lib. and M.Lib. be continued.
15. The revised syllabi from F.Y.B.A. to M.A.I from the academic year 2003-04 & the M.A.II syllabi from the academic year 2004-05 was approved.
16. The self-financed two years evening Diploma in the Sanskrit studies be approved and same be implemented from the academic year 2003-04.
17. Introducing Pandu Lipi Shastra (Manuscriptology) as Post-graduate Diploma was approved.

2. Other Authorities of The University

18. 3 weeks programme on Research Methodology to tone up research activity in Traditional subjects & be arranged for the benefit of the students who have been registered for Vachaspati was approved.
19. The syllabi of the various papers taught in S.Y.B.A. (Major/Minor) & in M.A. courses in the subject of Psychology which was prepared by the Board of Studies in Psychology based on UGC Model curriculum UG/PG courses was approved and same be made effective from the academic year 2003-04 progressively.
20. Minimum three students be sufficient to continue master's level courses in Russian & German language approval vide S.R.No.33 dtd.25.7.03.

Note : The above resolution is approved by the Syndicate vide S.R. No. 18 dt. 5.6.2003

FACULTY OF SCIENCE

MEETING HELD ON 24th Feb.2003

The Faculty of Science took the following important decision at its meeting held on 24.2.2003 and also approved the items in routine nature as under:

1. Special practical syllabus for Organic Chemistry, Inorganic Chemistry, Physical Chemistry and Analytical Chemistry at M.Sc. (Final).
2. Change of nomenclature of and content of M.Sc. II Paper-V (Special Paper) Economic Botany and Photo-chemistry to Pharmacognosy and Phytochemistry.
3. Change of nomenclature of the Geology Department to Earth Sciences.
4. Introduction of Internal test at F.Y. B.Sc. level from the academic year 2003-2004 and progressively implemented at S.Y.B.Sc. and T.Y.B.Sc. class.
5. Revision of syllabus at B.C.A. programme in the papers 101, 103, 203, 302, 401, 501, 502, 503 Elective paper Network Administration at 5th Semester and Introduction of an Elective paper Visual C Programming at 5th Semester.
6. A modification in the admission criteria of B.Sc. Environmental Science course i.e. candidates who have passed 12th Std. (10+2) with Science stream only and with English as the one of the subject be admitted.

Note:- These recommendations are approved by the Syndicate vide S.R. No.23 dated 31.3.2003.

FACULTY OF EDUCATION & PSYCHOLOGY

MEETING HELD ON 9TH JANUARY 2003

1. The syllabi as per UGC Model curriculum for UG/ PG course is approved and to be implemented from the academic year 2003-2004.

Note: The above Resolution was approved by the Syndicate vide S.R. No. 11 dt. 24.1.2003.

FACULTY OF COMMERCE

MEETING HELD ON 13TH MARCH, 2003.

1. Granting exemption at 40% to the students of P.G. Diploma in Banking Course was approved to implement from the academic year 2004.
2. The intake for P.G. Diploma in Banking be limited to maximum 80 was approved to be implemented from the academic year 2003-04.
3. An intake of minimum 15 students for optional subject at M.Com. (Pro-Vice-Chancellor) M.Com. Final was approved).
4. Intake number of students increased from total 55 to 100 with two divisions for BBA course was approved to implement from 2003-04.
5. A written internal test of 20 marks was introduced at M.Com. Course to implement from the academic year 2003-04 progressively.
6. The restructuring of the S.Y.B.Com. & T.Y.B.Com. course was approved to implement from the academic year 2003-04 progressively.
7. Exemption for M.Com.(Pre) and M.Com.(Final) year was approved to implement from the academic year 2003-04 onwards.
8. The minimum percentage criteria in P.G.Course in Co-operation & P.G.Diploma course in Banking for obtaining admission for M.Com.(Pre) be kept at 45% was approved to implement from 2003-04.
9. Specialization in Commerce including Business Administration Marketing Management & Commerce including Business Administration Human Resource Management at M.Com. level was approved to implement from the academic year 2003-04.
10. Eligibility criteria for admission at S.Y.B.Com. was revised and approved.

Note : The above resolution are approved by the Syndicate vide S.R. No. 4 dt. 25.7.2003

2. Other Authorities of The University

FACULTY OF MEDICINE

MEETING HELD ON 24-1-2003.

1. Introducing M.D. Course in T.B. Chest diseases at Post-graduate level be approved and to start the course subject to M.C.I. criteria in favour of teaching staff and are completed.
2. Approved that all interns should undergo a compulsory internship training of six months at the parent institution of Medical College of Baroda as practical internship is a Post M.B.B.S. practical training Programme and also part of University curriculum for awarding the M.B.B.S. degree.
3. Approved irrespective of internal marks student be allowed to appear in the University examination.
4. Approved three papers in theory for D.C.H. examination as per M.C.I. regulations.
5. Approved only two registration per teacher per year subject to maximum for all branches.

All above recommendations approved by the Syndicate vide S.R.No.20, dated 3rd March 2003.

FACULTY OF TECHNOLOGY & ENGINEERING

MEETING HELD ON 25-3-2003.

1. Approved the changes of nomenclature of the Degree awarded From B.Text. (Tech.) to B.E. (Textile Technology)
B.Text. (Engg.) to B.E. (Textile Engineering)
M.Text.(Engg.) to M.E. (Textile Engineering)
M.Text (Manmade Fibres) to M.E. (Textile) (Manmade Textile) and be made effective from 2003-04.
2. Approved the modification of scheme of teaching at the S.S. of B.Text (Tech.) and S.S. of B. Text.(Engg.) and be made effective from academic year 2003-04.
3. Approved the scheme of Teaching and Exam. of B.E.-I to B.E.-IV (TT & TE) and the syllabi of F.S. & S.S. of B.E.-I(TT & TE)
Proposed modification in the syllabi
 - a) Fibre Science & Textile Physics as F.S. of B.E.- II(T.T. & T.E.)
 - b) Stress Analysis at S.S. of B.E.-II(T.E.) and be made effective from 2004-2005.
4. Approved the scheme of teaching and examination for two years M.Sc. course in Textile Chemistry. It is to be effective for M.Sc. (Tech.) course. Part-III & IV for academic year 2004-2005.
5. Approved the revised Syllabi proposed by Applied Mech. Dept. for Str. Des.-I, Th.of Str. I & Elements of Fortran Programming at S.S.B.E. III. F.S.B.E.III & F.S.B.E.II (Civil-IWM)

6. Approved the M.E.(C) at the end of Illrd Sem. Work report is to be submitted and presentation seminar shall be carried out in the departments. The fees for IV Sem. Examination will be paid only with the signatures of Guide, and the Head on the examination form.
7. Approved the revised scheme of teaching and examination and syllabus for 10th and 12th passed students for diploma in Civil Engineering offered by the Polytechnic and same be made effective from the academic year 2003-04 progressively.
Revised scheme of teaching and examination and syllabus of final year DEC be made effective from the academic year 2003-04.
8. Approved the inclusion of common subject fundamental of Civil Engg. at F.S.B.E.I (T.E. & T.T.) common with other branches and same be made effective from the academic year 2003-04.
9. Approved the change in scheme of B.E.(T.E.) where in subject of Fluid Mechanics is to be taught in SSBE(T.E.) instead of FSBE-III (T.E.) with new scheme of teaching and same be made effective from the academic year 2003-04.
10. Approved the change in scheme of teaching and examination for PG course ME (Civil) in Structural Engineering from 1½ years to 2 years and be implemented for ME Part III and ME Part IV from academic year 2004-05.
11. Approved the change in scheme of teaching and examination for PG course ME (Civil) in Geotech Engineering from 1½ years to 2 years and be implemented for ME Part III and ME Part IV from academic year 2004-2005.
12. Approved the change in scheme of teaching and examination of PG Course ME (Civil) in Fracture Mechanics from 1½ years to 2 years and be implemented for ME Part III and ME Part IV from academic year 2004-05.
13. Approved the change in scheme of teaching and examination for PG course M.Sc. (Tech.) in Geotechnology from 1½ years to 2 years and be implemented for M.Sc. Part III and M.Sc. Part IV from academic year 2004-05.
14. Approved the change in syllabus and scheme of teaching in the subject of Structural Design-I at Second Semester at BE III (Civil) and the same be implemented from the academic year 2003-04.
15. Approved the revision of syllabus in the subject of Theory of Structures I at First Semester of BE III (Civil) and the same be implemented from the academic year 2003-04.
16. Approved the change in the title and syllabus of the currently taught subject "Elements of Fortran

2. Other Authorities of The University

- Programming with Numerical Applications" to "Elements of "IT", Programming and Numerical Methods" at F.S. of BE-II (Civil) PTD Class and the same be implemented from academic year 2003-04.
17. Approved the scheme and syllabi of Diploma in Petrochemical Technology will not effect existing teaching load, examination scheme and syllabi of the subjects related to Applied Mechanics Board.
 18. Approved the scheme of teaching, examination and syllabi of B.E. (Chemical) will not effect existing teaching load, examination scheme and syllabi of the subjects related to Applied Mechanics Board.
 19. Approved the change of shifting of the subject of Stress Analysis from S.S. of T.Text (Engg.) to S.S. of BE II (Textile Engineering) and change in teaching load of the same and keeping all other subjects of Applied Mechanics Board as it is be approved as per the letter of Head of the Department of Textile Engineering department & be progressively implemented from academic year 2003-2004 for BE (Text. Engg.) and BE (Text. Tech.).
 20. Approved the scheme of teaching, examination and syllabi of Three year Diploma Course in Civil Engineering will not effect existing teaching load, examination scheme and syllabi of the subjects related to Applied Mechanics Board.
 21. Approved the change in teaching scheme of Engineering Mechanics at first semester FYD(M) of making it identical to Engineering Mechanics I taught at FYD (CE & PCT) and the proposed new syllabus of Engineering Mechanics I be approved subjected to the condition that all concerned Board of Studies take similar action.
With the above suggested change, the proposed scheme of teaching and syllabus of Strength of Material-I taught at II semester of Diploma in Mechanical Engineering be made effective from academic year 2003-04 subject to the condition that all concerned Board of Studies take similar action.
Further, this Board feels that teaching of Engg. Mechanics-I to all the disciplines including Information Technology is desirable for maintaining uniformity.
 22. Approved the modified teaching scheme and syllabus in the subject Power Plant Engg. at IInd semester of T.Y. DME.
 23. Approved the duration of M.E. (Mechanical) programme be increased from 1½ years to 2 years. Dissertation will be for one full year and there will not be any change either in the examination scheme for the project dissertation or that of Part-I and Part-II written examinations. Teaching load of the department for the project dissertation will stand modified for both semesters accordingly and be made effective from academic year 2004-05 for M.E. Part III & IV.
 24. Approved the modified syllabus of the subject of Industrial Engineering-I of F.S. of B.E. III (Mechanical) and was also resolved to be made effective from academic year 2003-04.
 25. Approved the revised scheme of teaching and examination & syllabi of Dip. in Petrochemical Technology and same be made effective from the academic year 2003-04.
 26. Approved the modification of the teaching scheme of F.Y. D.M.E. in First Semester common for all Branches.
 27. Approved the scheme of teaching and examination and syllabus of B.E. (Textile Engg. & Textile Technology).
 28. Approved the modification of the syllabus of Thermal and Water Power Engineering at F.S. of S.Y.D.E.E.
 29. Approved to make necessary changes and modifications in the existing pattern of teaching scheme and syllabus at F.S. & S.S. of F.Y.D.M.E. as an effect of having first semester common and same be made effective from academic year 2003-04.
 30. Approved the item was discussed at length. It was observed that topics in Unit 3 of the syllabus are subsequently covered in other course namely Furnace Technology.
The content of unit no.3 viz. Resistance heating, induction heation principles need to be deleted and replaced by topics on control system, theory, principles of control, feed power control etc. It was resolved to recommend that revised syllabus of Metallurgical Instrumentation as suggested by the Board of Studies of Electrical Engineering.
 31. Approved the scheme of working of M.E.(Met.) Part-III & IV for Ind. Met. & Mat. Tech. be considered in common with the Faculty Programme for M.E. Part-III & IV. It was however recommended that M.E. Part III and Part IV for Ind. Met. And Mat. Tech. would include Dissertation and Seminar each of 24 hrs./week teaching load and no examination in Part III. Part IV would have T.W. incl. Viva examination respectively for 200 and 100 marks and be made effective from academic year 2004-05 for M.E. Part III & IV.
 32. Approved the revised syllabus of Material Science of F.S. B.E. I.
 33. Approved the scheme of teaching and examination for the Degree of B.E. (Text. Engg. & Text. Tech.).

2. Other Authorities of The University

34. Approved the revised syllabus in the subject of Materials Science at F.S. of B.E. (Mech.) PTD Course be approved as per syllabus of F.S. B.E.I Material Science.
35. Approved the subject of Mathematics-IV be replaced by new subject of Computer Software Engineering.
36. Approved the subject of Computer Tech. be replaced by Computer Hardware Engg. at IInd Sem. T.Y. Diploma X, XII and EDC classes.
37. Approved the increase in Laboratory hours of Industrial Electronics from two to four hours per week and the marks for practical & T.W. incl. Viva from 50 marks to 75 marks at G.S. of T.Y. D.E.E. No financial burden and no extra staff.
38. Approved the change in the subjects and syllabus pertaining to Electrical Department in the above scheme be approved at Elect. Engg. for F.S. of S.Y. PCT.
39. Approved the revised syllabus in the subject of Metallurgical Instrumentation at S.S.B.E.-III (Met.) and same be made effective from the academic year 2003-04.
40. Approved the AICTE guidelines extending the duration of project at ME (EE) MSA, IE, ACR & EPE Part-III be now called Part-III and Part-IV and the scheme of teaching of Part-III be extended to Part-IV also, and the scheme of examination be transferred from Part-III to Part-IV and be made effective from academic year 2004-05 for M.E./part III & IV.
41. Approved the correction in the scheme of teaching of M.E. Part-II (ACR) by assigning 3 hours of Lab. with intelligent system in place of system identification and Adoptive Control.
42. Approved the names of the subjects 1) Electronic Instrumentation, 2) Industrial Electronics and Control be changed as 1) Electronic Instrumentation and Control and 2) Industrial Electronics with modified syllabus.
43. Approved the new Common Scheme of Teaching and examination for first Semester of generic Diploma and Petrochemical Diploma course.
44. Approved the scheme of Teaching and Examination and revised syllabus for the B.E. (Textile Engg. and Text. Technology) degree.
45. Approved the revised syllabus of Thermal and Water Power Engg. of F.S. S.Y.D.E.E. and same be made effective from academic year 2003-04.
46. Approved the revised scheme of teaching and Examination and syllabi of Diploma in Petrochemicals.
47. Approved the revised scheme of teaching and examination of B.E. (Chemical) and syllabi for F.Y.B.E.(Chemical) subjects of Chemical Engineering viz. Instrumental Methods of Analysis and Introduction to Chemical Engineering. At the seventh semester B.E. (Chemical) name of one subject "Environmental Engineering" was recommended to be changed to "Environmental Engineering and Sustainable Development".
48. Approved the scheme of teaching and examination for the second year of M.E. (Chemical-Petrochem. Engg./Polymer Tech.).
49. Approved the statements of assistant to examiners for practical examination.
50. Approved the Introduction of elective 'Petroleum Engineering' and the syllabus of B.E.-IV (Chemical).
51. Approved the scheme of teaching and examination for the First year Diploma in Civil, Mechanical, Electrical and Petrochemical Technology and same be made effective from the academic year 2003-04.
52. Approved the scheme of teaching and examination the Head, Dept. of Text. Engg.
53. Approved the new common scheme of Teaching and examination for first semester of generic Diploma and Petrochemical Diploma Course proposed Polytechnic.
54. Approved the inclusion of names of examiners for all new papers in appropriate groups for M.Sc. Course in liaison with Applied Physics Department (Fundamentals of Physics paper).
55. Approved the revised scheme of Teaching & examination and syllabus of Mathematics, Statistics & Programming at B.E.I & B.E.II (T.T. & T.E.).
56. Approved the revision of teaching & examination of
 1. Electrical Engg., Mathematics course at S.Y.Dip.
 2. P.C.T., II Sem., F.Y. & F.S. of S.Y. Dip. Tutorials at the F.S. of F.Y. Dip.
57. Approved the revision of Mathematics courses at Part-time Degree Programme of Faculty of Tech. & Engg.
58. Approved the revision of Mathematics Courses at (M.E. (Civil) (Hyd./Env. Engg./Highway) & M.Text.
59. Approved the modification in the scheme of teaching and examination of M.Pharm Course for three semester to four semester the tenure of the M.Pharm course has been enhanced and made of 4 semester by the AICTE. The changes proposed in M.Pharm syllabus and be made effective from academic year 2004-05 for M.Pharm. Part III & IV.

2. Other Authorities of The University

60. Approved the scheme of teaching and syllabus submitted may be approved for starting M.Pharm. Course in N.D.D.S. (New Drug Delivery System) from next academic session.
61. Approved the admission to degree programme for the I.T. Diploma Holder passing in April/May 2003 and matter has to approved by All India Council for Technical Education and State Education department, hence they may be approached first in this regard.
62. Approved the revised syllabi of B.E. (Computer Science and Engineering) and shifting of subjects and addition/removal of subjects and teaching scheme of 3 years post-graduate course in Master of Computer Application and same be made effective from the academic year 2003-2004.
63. Approved the introduction of Project Work in the 3rd and 4th Sem. of M.E. (Civil) WRE and ME (Civil) I.W.M. in the light of UGC's notification of increasing the duration of M.E. Courses from 3 semester to 4 semesters and same be made effective from the academic year 2004-2005 onwards.
64. Approved the change of nomenclature of the subject of "INTRODUCTION TO COMPUTER" preferably taught at 1st Semester B.Arch.-V to "Advanced Architectural Computer Graphics. The same be made effective immediately from the academic year 2003-04.
65. Approved the revised scheme of Teaching and Examination at Master of Planning ("Housing") P.3. Course from IIIrd Semester to IVth Semester.
66. Approved the revised passing standard/Award of class, exam rules etc. as per Dean's letter No. FTE/ACED/2959 dtd. 9.1.2002.
67. Approved the proposal of English Board of Studies of Faculty of Arts for approval of Syllabus of U.G. Course (Comp. English, Optional, Additional, major and Minor English) for 3 year beginning from June, 2003 as per guidelines suggested by UGC.
68. Approved the letter No. FTE/ACED/3291 dt.24-2-03 of Dean, Faculty of Tech. & Engg. alongwith G.R.No.PVSH-102002-1053-Sa dated 18.12.2002 for admitting the students who have passed diploma Examination (after 10th and 12th Std.) directly to the 3rd Semester of 2nd year Engg. Degree Course.
69. Approved the revised Scheme of teaching and examination and syllabus of Diploma in Petrochemicals technology at Polytechnic for the subject Science-I and Science-II pertaining to Physics proposed by Chemical Engg. Department.
70. Approved the revised scheme of teaching and examination and syllabus of Physics at F.S. and S.S.

- of First Year Textile Engineering and Textile Technology proposed by Textile Engg. Department.
71. Approved the revised scheme of Teaching and Examination and Syllabus of Diploma in Information Technology offered by Polytechnic.

Note : The said recommendations are approved by Syndicate vide S.R. No. 27 dt. 5.6.2003.

FACULTY OF LAW

MEETING HELD ON 23-1-2003

1. The restructure of curriculum of LL.M. Course and amendment of LL.B./LL.M. Examination rules was accepted and approved.

Note : The above recommendation of the Faculty is approved by the Syndicate vide its R.No.21(1(5)) dtd.3.3.2003).

MEETING HELD ON 10-4-2003

2. The curriculum for the paper 'Business Law' to be introduced at T.Y.B.Com. under new structure was prepared and approved and a copy of the syllabus was sent to the Dean, Faculty of Commerce for further action.

Note : The above recommendation made by Faculty of Law at its special meeting held on 10.4.2003 is approved by the Syndicate vide its R.No.5(1) dtd.30.4.2003).

FACULTY OF HOME SCIENCE

MEETING HELD ON 30.1.2003

1. Approved the revision of scheme of teaching & examination and syllabus of B.Sc.(Home) & M.Sc.(Home) as per UGC recommendation with effect from the academic year 2003.
2. Approved the B.Sc.(Home) Foods & Nutrition and M.Sc.(Home) Food & Nutrition to be made effective from the academic year 2003-04.
3. Approved the proposal for the revision of curriculum based on U.G.C. Model for (a) B.Sc.(Home)(Encl.-A) (b) M.Sc. (Home)(Encl.-B), (c) P.G. Dip. in Extension Education to be made effective from the academic year 2003-04.

Approved the proposal for the revision of Home Science Extension & Communication courses offered to General Home to be made effective from academic year 2003-04.

Approved the proposal for the revision in the scheme of examination for B.Sc.(Home) to be made effective from academic year 2003-04.

Approved the proposal for the revision of scheme of Examination for P.G. Dip. in Extension Education to be made effective from academic year 2003-04.

2. Other Authorities of The University

4. Approved the revised curriculum bases on U.G.C. model for (a) B.Sc.(Home), (b) M.Sc.(Home) to be made effective from academic year 2003-04.

Approved the Home Management courses offered to General Home Science to be made effective from academic year 2003-04.

Approved the revised scheme of examination for B.Sc.(Home). The same be made effective from academic year 2003-04.

5. Approved the revised scheme of teaching & examination for B.Sc.(Home)- C.T. B.Sc.(Home) C.T. Vocational (Fashion designing) and paper- General Home Science be approved. The scheme of teaching & Examination of B.Sc.(Home) C.T. and General Home Science be made effective from the academic year 2003-04, while B.Sc.(Home) CT, Vocational (Fashion Designing) to be made effective subject to approved from U.G.C.)

Approved the revised syllabi as per UGC recommendation for (a) B.Sc.(Home)C.T. , (b) B.Sc.(Home)CT Vocational (Fashion Designing), (c) M.Sc.(Home) CT & (d) Common Course B.Sc. (Home)C.T. & M.Sc.(Home) CT and be made effective from the academic year 2003-04, while B.Sc.(Home) CT Vocational (Fashion Designing) to be made effective subject to approval from U.G.C.

Approved the revised Clothing & Textile Courses offered to General Home Science Major be approved and same be made effective from academic year 2003-04.

6. Approved the present 7 point scheme be continued at UG and PG including M.Sc. Dissertation with minimum passing "E" Grade.

Note : These recommendations are approved by the syndicate vide S.R. No.(AC)-II-10-2003 dated 4.6.2003.

FACULTY OF PERFORMING ARTS

MEETING HELD ON 25.4.2003

1. The restructured syllabi of UG/PG courses in the subject of Music (Vocal & Instrumental) was approved to implement from the academic year 2003-04.
2. The admission criteria for SYBPA(Dance) course was decided as follows :
- "A candidate who have passed 12th Std.(HSC) Examination with 'English' as one of the subjects AND who have passed FYBPA (Dance), course as

equivalent to our University from any statutory University recognized by UGC be considered eligible for SYBPA(Dance) course provided the curricular and system of examination in equivalent."

3. The revised syllabi based on UGC model curriculum for UG(BPA) and PG(MPA) in the subject of Dance was approved to implement from the academic year 2003-04.

4. The syllabi for UG/PG diploma courses in the subject of dramatics was approved to implement from the academic year 2003-04 progressively alongwith the scheme of examination to implement from year 2004 and onwards.

5. The 'Dissertation' was introduced at MPA, level in the subject of Dramatics and same be incorporated in evaluation system from the year 2004 onwards.

6. The 172-A was reviewed in view of new syllabi of UG/PG courses of the Faculty of Performing Arts and it was approved that the facility given under O.172 to the students of Faculty of Performing Arts to join two institutions under the University simultaneously be withdrawn from the academic year 2003-04 and resolved to amend O.172-A accordingly.

Note: The above recommendations are approved by the Syndicate vide its R.No.9(1(6): 2(5 & 6) : 3(5 & 6) and 4 dtd. 4-6-2003.

FACULTY OF MANAGEMENT STUDIES

MEETING HELD ON 17-10-2002

1. Restructuring of syllabi as per UGC Model curriculum for Post-graduate course in M.B.A. was approved.

Note: The above resolution is approved by the Syndicate vide its SR No. 5 dated 16-12-2002.

FACULTY OF JOURNALISM & COMMUNICATION

MEETING HELD ON 31ST JANUARY 2003

Faculty Board appointed a sub-committee for restructuring the syllabus as per U.G.C. Model curriculum and the syllabi prepared by the committee was approved in principle by the Faculty Board. Further it is resolved that logistice and required infrastructure and manpower etc. to implement the above syllabus may also be approved by the University Authorities

Note: The above resolution referred back to the faculty Board vide syndicate S.R.No.13 dtd.30.4.2003.

03. Other Boards and Committees

COMMITTEE OF DEANS OF FACULTIES AND HEADS OF INSTITUTIONS

Three Meetings were held during the year, i.e. on 17th May, & 9th July & 6th August, 2002. At these meetings question of issuing the notification for the Temp. Lecturers, transfer and promotion of Non-teaching staff, visit of the Sub-committee formed by the Academic & Administration Audit Committee to the various department/faculties, Norms for Redressal Mechanism for addressing Student Grievance were discussed.

Issue of eligibility criteria for the post of Temporary lecturers/Teaching Assistant, were also discussed.

Finalization of the Terms and Vacation for the year 2002-03, Report of the Committee pertaining to the F.Y.B.Sc paper, Statistics PII Part II were also discussed and all the recommendations were approved by the Syndicate.

PRESS SUPERVISORY COMMITTEE

Three meetings were held during the year, i.e. on 27th May, 27th September & 24th December, 2002. Proposals for purchases of different type of stationary materials, Dust less chalk, Duck back Khakhi Raincoats were discussed and approved by the Syndicate. The question of giving annual contract for lifting waste papers, preparing of visiting cards and letter heads for Senate/Syndicate members on quotation basis were also discussed. Question of permission to pay O.T difference to the eligible workers of the press were discussed and all recommendations were approved by the Syndicate.

BOARD OF EXTRA MURAL STUDIES

One meeting was held during the year, i.e. on 21st November 2002. The grant under the Extra Mural Studies for the year 2002-2003 was distributed to the Faculty/Colleges as per their fresh proposals. It was resolved to explore the possibilities of transfer of some additional amount for Extra Mural Grant from the other funds of the University.

The above recommendations were approved by the Syndicate.

ADVISORY COMMITTEE FOR THE UNIVERSITY EMPLOYMENT INFORMATION AND GUIDANCE BUREAU

One meeting was held during the year, i.e. on 27th January 2003.

At this meeting confirmation of last minutes, follow-up actions, demand for duplicating machine for the Center, question of providing prospectus of admission notice to the Center by the Faculties, filling the post of the Deputy Chief at the earliest and working figures of the Center were discussed.

Question of removing coffee stall from the main entrance of the Employment Bureau and to increase the grant to the Center for the purchase of stationary were also discussed and noted by the Syndicate.

4. Research Work in the University

I During the year 2002-2003, 118 new students were enrolled for the Ph.D. degree. The faculty wise distribution of doctoral students for the year 2002-2003 and the cumulative total of doctoral students enrolled is given in the following table:

Sr.no.	Name of the Faculty	Enrolment in 2002-2003	Cumulative total of students enrolled
1.	Arts	23	373
2.	Science	30	387
3.	Education and Psychology	8	75
4.	Commerce	3	88
5.	Medicine	1	49
6.	Technology and Engineering	36	233
7.	Law	--	11
8.	Fine Arts	2	60
9.	Home Science	7	37
10.	Social Work	1	17
11.	Performing Arts	04	28
12.	Management Studies	03	27
13.	Journalism & Communication	-	1
Total		118	1366

During the year 2002-2003, 4 new students were enrolled for the M.Phil. degree. The faculty wise distribution of M.Phil. students for the year 2002-2003 and the cumulative total of M.Phil students enrolled is presented in the following table:

Sr.no.	Name of the Faculty	Enrolment in 2002-2003	Cumulative total of students enrolled
1.	Arts	Nil	105
2.	Science	4	23
3.	Education and Psychology	Nil	19
4.	Home Science	Nil	08
Total		4	155

II RESEARCH SCHEMES FINANCED BY THE UNIVERSITY

The duration of Research Schemes which was financed by the University during the year 2001-2002 was for two years. Therefore the Schemes earlier which are mentioned here below are same as reported in the Annual Report 2001-2002. The details of these schemes are as under. The University funded research schemes were awarded to 27 teachers.

Faculty/College	Teachers	Amount (Rs.)
Arts	01	5,000=00
Science	09	2,39,000=00
Technology and Engineering	06	1,43,000=00
Medicine	07	2,06,000=00
Home Science	02	60,000=00
Education & Psychology	02	45,000=00
Total	27	6,98,000=00

4. Research Work in the University

III RESEARCH PROJECTS UNDERTAKEN :

Sr. No.	Name (s)	Title	Funding Agency	Grants in Rupees	Ongoing / Completed
FACULTY OF ARTS					
Department of Archaeology and Ancient History					
1.	Sant, D. A., K. Krishnan & G. Rangarajan	A High Resolution study of Hoes/Dunal deposits of Gujarat with emphasis on the Palaeoclimatology of the South West Indian Monsoon and its effect on Cultural Evolution in the Region over the past 20,000 years (Pilot Project)	Department of Science and Technology, Govt. of India	Rs. 1.68 lacs	Completed
	Sant, D. A. & K. Krishnan	Characterization of the on land Quaternary Sediments fringing the Gulf of Cambay	National Institute of Ocean Technology, Dept. of Ocean Development, Govt. of India	Rs. 3 lacs	Ongoing
2.	Sonawane, V. H.	Archaeological Survey around the Gulf of Khambhat (Cambay) region of Gujarat	National Institute of Ocean Technology	Rs. 3 lacs	Ongoing
Department of Economics					
1.	Nanavati, A. U.	Role of Social Capital in Capability Building: A Gender Disaggregated Analysis	Govt. Of Gujarat	Rs. 99,900	Ongoing
		A Gender Critique of Social Section Policy of Government	WSRC, Vadodara		Ongoing
		Women and Third Age	WSRC, Vadodara		Ongoing
2.	Rao, A. S. & Nanavati. A.	Quality of Employment in Urban Informal Sector of Vadodara	Dept. of Economics, M. S. University of Baroda, Vadodara	Rs. 30,000	Completed
3.	Shah, M. & Mehta, A.	Estimating the Environmental Cost of Industrialization in Gujarat : A Case Study of Ankleshwar GIDC	World Bank	Rs. 7 lacs	Ongoing
Department of English					
1.	Achar, D.	Education Policies and Gender: The Case of Gujarat	WSRC (Small Grants Scheme), Vadodara	Rs. 6,500	Ongoing
Department of Gujarati					
1.	Mehta, B.	Impact of Social Movement on Literature (19 th Century's Gujarati Literature)	Department of Culture, Govt. Of India	Rs. 72,000	Completed

4. Research Work in the University

Department of History

- | | | | | | |
|----|-------------|---|----------------|-----------|---------|
| 1. | Hans, R. K. | Sati in Western India in the 19 th Century | WSRC, Vadodara | Rs. 9,000 | Ongoing |
|----|-------------|---|----------------|-----------|---------|

Department of Political Science

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|----|--------------|--------------------------------|-------------|---------------|-----------|
| 1. | Patel, P. M. | Gujarat Election Study – 2002. | CSDS, Delhi | Rs. 2.80 lacs | Completed |
|----|--------------|--------------------------------|-------------|---------------|-----------|

Department of Russian

- | | | | | | |
|----|--------------|--------------------------|---|--------------|---------|
| 1. | Dasgupta, D. | Interactive Tools in FLT | Ruslan, Department of Russian, M. S. University of Baroda, Vadodara | Rs. 2.5 lacs | Ongoing |
|----|--------------|--------------------------|---|--------------|---------|

FACULTY OF SCIENCE

Department of Botany

- | | | | | | |
|----|--|--|-------------------------------------|--------------------|-----------|
| 1. | Jasrai, Y.T. and Arya, A. | Induction of Resistance to Panama Disease through somaclonal variation | D. B. T. New Delhi | Rs.18,69,000/- | Completed |
| 2. | Prathapasenan, G., Jasrai, Y.T. and Pradeepkumar, G. | Inventory and Conservation Status of Major Plant Taxa in Gir PA | Wildlife Division, GNPS Sasan Gir | Rs.8,66,000/- | Completed |
| 3. | Jasrai, Y.T. | Micropropagation of <i>Diospyros</i> (Timru) | Forest Department, Govt. of Gujarat | Rs. 2,50,000/- | Completed |
| 4. | Jasrai, Y.T. | Tree Wealth of M.S. University Campus and Baroda city | M.S. U. | Rs. 30,000/- | Completed |
| 5. | Arya A. | Eco-friendly approach to control fungal Biodeterioration in museums of Gujarat | UGC | 2,14,660.00 | Ongoing |
| 6. | Daniel, M. | Technical Consultancy Bureau from Oct. 24, 2002 to March, 2003 | UNIDO, Delhi | Rs.30,000/- | Completed |
| 7. | Arya, C. (Post doctoral Research Fellow) | Cultivation of Reishi Mushroom & Ethnobotanical Studies | M.S.U. | Rs.1200/- p.m. PDF | Completed |

Department of Chemistry

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|----|---------------------------------------|--|--------------------|-------------|-----------|
| 1. | Bhattacharya, P.K. and Kulkarni, N.D. | Structure, magnetism and redox property relationship in binuclear complexes of transition metal ion. | DST, New Delhi | 32 Lakhs. | Completed |
| 2. | Shah, A.C. | Dupont Research Project. | DuPONT India Ltd., | 1,95,000=00 | Ongoing |
| 3. | Rakshit, A.K. | Studies of Nonionic surfactants in presence of additives. | IUC-DAEF, Indore. | 85,000=00 | Ongoing |
| | | Physiochemical properties of mixed surfactant based micro-emulsions. | CSIR, New Delhi | | Ongoing |
| | | Studies of gel thinning process. | CSMCRI, Bhavnagar. | 50,000=00 | Completed |

4. Research Work in the University

4.	Devi, S.G.	Synthesis of Cationic Gemini Micro emulsions".	DST, New Delhi.	10,28,000=00	Ongoing
		Enzyme immobilization.	CSMCRI, Bhavnagar.	2,16,000=00	Completed.
		Liquid Lignite	GMDC, Ahmedabad.	4,88,000=00	Completed
		Small angle neutron scattering studies of mixed cationic gemini surfactants.	IUC-DAEF, Mumbai	95,000=00	Ongoing.
5.	Kulkarni, N.D.	Structure and fund models for binuclear copper active site in tyrosinase.	M.S. University Scheme, Vadodara	30,000=00	Completed
		Trinuclear Complexes of transition metal ions - synthesis, magnetism and theoretical interpretations.	UGC, New Delhi	5,20,000=00	Ongoing
6.	Patel, A.U.	Oxidation of alkenes using supported heteropolyacid as catalyst.	UGC, New Delhi	2,92,000=00	Ongoing
		Use of supported heteropolyacid as ecofriendly acid catalyst for the alkylation of some aromatic compounds.	DST, New Delhi.	9,60,000-00	Ongoing

Department of Geography

1.	Kanchan Rolee	Women, Health and Rural Development.	U.G.C.	Rs.27,000=00	Completed
2.	Bhatt Bindu M	Water Pollution & its Impact on Human Health in Industrial Areas of Vadodara-Ageographical perpedire.	U.G.C.	Rs.15,000/-	Completed and Report submitted to University.

Department of Geology

1.	Bhatt, N.P.	Late Quaternary geomorphic and Tectonic Evolution of the Western Saurashtra Coast	Department of Science and Technology (Govt. of India, New Delhi)	10,70,000/-	Completed
2.	Chamyal L.S., Maurya D.M.	Late Quaternary Tectogeomorphic analysis and palaeoenvironment of Lower Narmada basin	Department of Science and Technology (Govt. of India, New Delhi)	8,63,000/-	Completed
3.	Joshi, A. V.	Micromorphological and Paleohistological studes of Cretaceous vertebrate remains of Narmada Basin : Their correlation and Paleohistological Implication	University Grants Commission, New Delhi	2,46,000/-	Ongoing

4. Research Work in the University

4.	Karant, R.	Active Tectonics and Palaeoseismicity of Kachchh: Implications for the Late Quaternary landscape evolution	Department of Science and Technology (Govt. of India, New Delhi)	18,00,000/-	Ongoing
5.	Maurya, D. M.	Role of neotectonism the geomorphic evolution of Kachchh coastline, Gulf of Kachchh, W. India	Department of Science and Technology (Govt. of India, New Delhi)	4,50,000/-	Ongoing
Department of Geology					
1	Deota B.S.	A "GIS" approach for ground-water potentiality of Sasutan micro water shed South Gujarat, North Maharashtra	M.S. University of Baroda.	20,000/-	completed
	Sant Dhananjay A.	Characterization of onland Quaternary sediments fringing the Gulf of Cambay	National Institute of Ocean Technology Chennai	3,00,000/-	Ongoing
Department Microbiology					
1	Chhatpar, H.S.	Salt stress mediated regulation in metabolism induction of salt stress proteins and gene expression in halotolerant <i>Aspergillus repens</i>	CSIR, New Delhi	9,48,000/-	Ongoing
2	Chhatpar, H.S.	Crustacean chitin waste management for the production of chitin, chitosan & biocontrol agents for plant pathogens	Dept. of Ocean Development, New Delhi	6,99,392/-	Ongoing
3	Desai, A.J.	Inventory of microbial resources of India	Dept. of Biotechnology, New Delhi	1,29,200/-	Completed
4	Desai, A.J.	Development of transgenic Rhizobium strain pulse crops	Dept. of Biotechnology, New Delhi	16,74,000/-	Ongoing
5	Desai, A.J.	Studies on the physiology and biochemistry of <i>Deinococcus</i> spp. isolated from varied habitats	Board of Research in Nuclear Sciences (BRNS), Mumbai	8,93,880/-	Ongoing
6	Desai, A.J.	Microbial production of biodegradable plastics from cheese whey	Dept. of Science & Tech. New Delhi	17,22,336/-	Ongoing
7	Desai, A.J.	Characterization of iron transport system in <i>Rhizobium</i> spp.	UGC, New Delhi	3,45,000/-	Ongoing
8	Nerurkar, A.S.	Screening of biosurfactant producing micro-organisms from marine environment	Central Salt & Marine Chemicals Research Institute (CSMCRI) Bhavnagar	Rs.90,000.00	Completed in March 2003

4. Research Work in the University

Department of Physics

1.	Sharma, A.C.	Electronic & optical properties of quantum wire and quantum dot system.	DST, New Delhi	7,03,536/-	Ongoing
2.	Sharma, A.C.	Screened potentials and relaxation time in nanoparticles.	UGC, New Delhi	3,00,000/-	Ongoing
3.	Kanchan, D.K.	UGC Minor Research Project – Silver Iodide based Super-ionic conductors.	UGC Minor Res. Project	30,000/-	Completed
4.	Jha, P.K.	Investigation of phonons and allied properties of some high Tc superconductors and complex solids.	UGC, New Delhi	3,13,500=00	Ongoing
5.	Jha, P.K.	Vibrational properties of some colossal magneto-resistance materials.	DST, New Delhi	7,46,500=00	Ongoing

Department of Statistics

1.	Roy, Banibrata	Bayesian approach to three class price adjusting sampling plan by attributes (Minor research project)	UGC Unassigned Grant for the year 2000-2001	15,000/- (UGC unassigned grant)	Completed
2.	Das, N.P. and Dey, Devmoni	Stalling of Infant mortality in India during the recent period: A state level analysis	Govt. of India		Completed
3.	Das N.P. and Others	A study of functioning of existing training institutions of health and family welfare in Gujarat	Special grant MOHFW Govt. of India, New Delhi	Regular grant of the centre	Completed
4.	Das N.P., Dey, Devmony, Bhatt, N.H. & Patel, R.M.	Training of Dais under the RCH programme in Gujarat : An evaluation	Special grant MOHFW, Govt. of India, New Delhi	Rs. 80,000=00	Completed
5.	Das N.P., Desai, G., Chitania, V. & Panchal, M.	Functioning of RCH camps under the reproductive and child health programme in Gujarat: An Evaluation	-- do --	Rs. 1,00,00=00	Completed
6.	Das, N.P., Shah Urvi, & Bhavsar S.	Strengthening RCH outreach services in Gujarat .	-- do --	Rs. 1,00,00=00	Completed
7.	Dey, Devmoni	Status of reproductive and child health (RCH) among scheduled tribe population in Madhya Pradesh	Govt. of India	Regular Grant	Completed
8.	Dey, Devmony & Patel, R.	Fertility Decline in Gujarat: An Examination of changing pattern of onset of fertility, spacing and birth limitation	Govt. of India	Regular Grant of the centre	Completed

4. Research Work in the University

Department of Zoology

1.	A.V. Ramachandran, Mankodi P.C., Vachhrajani K.D.	Assessment of water quality in major streams & rivers, ground water recharges in Gir PA and siltation rate in four reservoirs.	Department of Forest, Wildlife Division, Govt. of Gujarat, Gandhinagar	Rs. 10,32,000/-	Completed
2.	Vachhrajani K.D. & A.V. Ramachandran	Impact of Economic development with particular reference of industrial / mining activities on Lion habitat of Gir Ecosystem	Dept. of Forests (GOG), under World Bank financed India, Eco development project	Rs. 7,29,000/-	Completed
3.	Naik Y.M. & B. Suresh	Amphibian Fauna of Gujarat: The population structure & dynamics	DST, New Delhi	Rs. 7,67,000/-	Ongoing
4.	Pilo B. (Coordinator)	DSA Phase – II, Zoology (2001 – 2006)	UGC	27.00 + 13.50 = 40.50 LAKHS	Ongoing
5.	Padate G.S.	Ecological & Faunal diversity study of Jambughoda wildlife Sanctuary	Forest Department, Govt. of Gujarat	6.5 lacs	Completed

FACULTY OF EDUCATION & PSYCHOLOGY

1	Acharya, V.R. Kothari, R.G. Oza, D.J. Patel, R.C. Talwar, P. Kumar, S	Terminal Assessment Study of District Primary Education Programme Phase - II Gujarat State.	Gujarat Council of Primary Education Gandhinagar	8,92,000/-	Completed
2	Biswal, A. & Srivastava, S.	Developing CCA to develop social Values among B.Ed Students.	NCERT, New Delhi	1,80,000/-	Ongoing
3	Biswal, A. & Panigrahi, S	A Study of the Decentralized Management of Primary School In Gujarat	NCERT, New Delhi	2,00,000/-	Ongoing
4	Begur, SR. R. Kothari, R.G. Mackwana, S. Vashram, B. Rathod, H	A Study of Cases of High Repetition Rate at Primary level of Gujarat State	Gujarat Council of Primary Education Gandhinagar	1,39,860/-	Completed
5	Deota, N.P.	Analysis of the 8th Standard Sanskrit Text- Book from the Eymological point of view	UGC Minor Research Scheme	10,000/-	Completed
6	Das, J. & Panigrahi, S	A Study of the Decentralized Management of Primary Education in Gujarat	NCERT, New Delhi	2,00,000/-	Ongoing

4. Research Work in the University

7	Chhaya, C & Kothari, R.G. Panigrahi, S. Mani R.S.	Social Assessment Study Vadodara City December, 2002	Gujarat Council of Primary Education	25,000/-	Completed
8	Chhaya C & Kothari R.G. Panigrahi, S. Mani, R.S. Patel R.C	Social Assesment Study Vadodara City Rural December - 2002	Gujarat Council of Primary Education	25,000/-	Completed
9	Kothari, R.G. Panigrahi, S.C. Goel, C & Mani, R.S Patel, R.C	Social Assessment Study Vadodara District Rural	Gujarat Council Primary Education Gandhinagar	25,000/-	Completed
10	Kothari, R.G Panigrahi, S.C Goel, C & Mani, R.S	Social Assessment Study Vadodara City	Gujarat Council Primary Education Gandhinagar	25,000/-	Completed
11	Kumar S.	Problems faced by the Students of IGNOU in Ahmedabad Region	CASE	4.150/-	Completed
12	Mani, R.S. Kothari, R.G. Panigrahi, S. Goel, C	Sarva Shiksha Abhiyan Social Assessment Study Vadodara city	Gujarat Council of Primary Education	25,000/-	Completed
13	Mani, R.S. Kothari, R.G. Panigrahi, S. Goel, C & Patel, R.C	Sarva Shiksha Abhiyan Social Assessment Study Vadodara Rural	Gujarat Council of Primary Education	25,000/-	Completed
14	Oza, D. J	Advocacy Programme on Adolescence Education for Secondary School Teacher of Baroda city	New Research Scheme M.S.Univ. Baroda	15,000/-	Completed
15	Oza, D. J Kothari, R.G. Kumar, S. Patel, R.C	Evaluation of Alternative School System in the State of Gujarat (August-2003)	DPEP Gujarat Council of Primary Education Gandhinagar		
16	Oza, D. J	Perception and Self esteem of Adolescant with different disabilities	Womens' Studies Research Centre M.S.Univ. Baroda	20,000/-	On Going
17	Patadia, H.J	Value Education Programme for Parent	NCERT	94,000/-	On Going

4. Research Work in the University

18	Rao, Y.D & Patel, R.C Kothari R.G. Joseph, K.S. Acharya, V.R.	A Study of Pre Service secondary Teacher Education Programme in Southern & Central Gujarat Regions for Emerging Divergent Education Contexts.	NCERT New Delhi	3,00,000/-	On Going
19	Patel, S. Goel, D.R	Opinions of Teachers Students and Parent's towards VII Std. Science and Mathematics Instruction	UGC (SAP)	-	Completed
20	Srivastava, S, & Biswal, A. & Mani, R.S Goel, C.& Das ,J.	A Study of Decentralized Governance of Rural Elementary Education in Gujarat.	ERIC NCERT New Delhi	2,00,000/-	On Going
21	Thomas, V,D,	Development and Implementation of Instructional Strategies in Enhancing Critical Thinking in Student of Std. I-V,	UGC	1,94,540/-	Completed

Department of Educational Administration

1	Pradhan, N.	Pathways to Quality Higher Education	UGC- DRS Project	Part of UGC-DRS Project of DEA	Ongoing
2	Pradhan N.	Ethics of University Teacher	UGC- DRS Project	Part of UGC-DRS Project of DEA	Ongoing
3	Pradhan, N.	A Study of the Supervising Process of School Education	UGC- DRS Project	Part of UGC-DRS Project of DEA	Ongoing
4	Pradhan, N.	Qualities of Top Educational Leaders.	UGC- DRS Project	Part of UGC-DRS Project of DEA	Ongoing
5	Pushpanadham, K.	Professional Development of University Administration	UGC- DRS Programme in Dept. of Educational Admn.	-	Ongoing

FACULTY OF TECHNOLOGY & ENGINEERING

Department of Applied Chemistry

1.	Chudasama, U.V.	Synthesis, Characterisation and application of some advanced inorganic materials.	UGC	2,88,000/-	Ongoing
		Synthesis, Characterisation of some tetravalent metal acid salts and their application as ecofriendly solid acid catalysts.	CSIR	4,25,000/-	Ongoing

4. Research Work in the University

2.	Murthy C.N.	Synthesis, Characterisation of macromolecular-metal complexes of poly (methylmethoxy) for structural strength important for novel application.	AICTE, New Delhi	4.25 lakhs	Completed
3.	Deota P.T.	Building Blocks for the construction of Tri-&	MSU	30,000/-	Completed
4.	Prajapati A.K.	Tetraquinanes. Synthesis and Characterisation of new thermotropic liquid crystalline materials.	MSU	30,000/-	Completed

Department of Applied Mechanics & Str. Engg.

1.	Patel N.M. Doiphode G.S.	MODROBS Project on Modernisation of Material Testing Facilities.	AICTE, New Delhi	Rs. 12 Lacks	Completed
		Static and Dynamic Analysis of Masonary Infilled Frames	Silver Jubilee Research Scheme of M.S. University	Rs.15,000/-	Completed

Department of Applied Physics

1.	Murthy K.V.R.	Development of Image Storage Plates	AICTE, New Delhi	Rs. 5.00 Lakhs	Completed
2.	Murthy K.V.R. Chakrabarty B.S.	Development of Rare Earth based Phosphors and studies for their applications in the field of Dosimetry and Lamp Phosphors.	DAE/BRNS Mumbai	Rs. 21.31 Lakhs	Ongoing
3.	Arun Pratap	Thermoanalytical Techniques for Oxygen stoichiometry in Superconducting Cuprates	AICTE, New Delhi	Rs. 16.00 Lakhs	Ongoing
4.	Narayanmurty C.S.	Photorefractive holography using small power lasers.	UGC, New Delhi	Rs. 3.71 Lakhs	Ongoing
	"	Surface shape and slope measurement of 3-D objects using Digital Holography.	AICTE, New Delhi	Rs. 6.00 Lakhs	Ongoing

Department of Architecture

1.	Vasudeva Bhawana	Legal tools & City fabric Critical Study of Implementation of town planning schemes & building bye laws in the Vadodara Urban development Authority Area (VUDA)	UGC Minor Research Project Scheme	Rs. 15,000/-	Completed
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Department of Chemical Engineering

1.	Sengupta R.	Extraction of metals into emulsion liquid membranes	AICTE	9,50,000	Ongoing
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4. Research Work in the University

Department of Civil Engineering

1.	Ghodke, M. M. Chauhan, L.I.	Upflow anaerobic stadge blanket.	M.S. Patel Research Scheme	Rs. 15,000/-	Ongoing
2.	Ghodke M.M., Patel M. B., Patel A. S.	Study of change of Water quality in Mahi Estuarian area.	M.S. Patel Research Scheme	Rs. 15,000/-	Ongoing
3.	Patel, A.S. Shrimali, N.J.	Evaluation of Irrigation cum artificial recharge structures in Machhan river basin.	IWMI International Water Mangt. Inst. V.V. Nagar from IWMI-TATA Water Policy fund	Rs. 41,900/-	Completed
4.	Patel, A.S. Parekh, V.P.	Development of parameters to study the efficient of seawater intrusion preventive structures.	IWMI International Water Mangt. Inst. V.V. Nagar from IWMI-TATA Water Policy fund	Rs.110500/-	Completed

Department of Mechanical Engineering

1.	Study of discharges through small branches in horizontal pipe with stratified flow	DAE-BRNS	14,82,250.00	Ongoing
2.	Study analysis and development of commercially viable biomass gasifier assisted hot air generator system	Gujarat Energy Development Agency (GEDA), Vadodara, Gujarat	21,54,000.00	Ongoing

Department of Metallurgical Engg.

1.	Joshi P.B.	Mechanical Alloying – a Novel Technique for Processing of Silver -Metal Oxide Composite Powder for Electrical Contact Applications	Dept. of Science & Tech. New Delhi	Rs. 9.00 lakhs	Completed
2.	Sundar Murti N.S. Lele A.B. & Rehani Bharati R.	Thermal Analysis Studies on Chalcopyrite Roasting – effect of environment & additives	AICTE, R & D Project of financial Year 2002-2003	Rs. 9.12 lakhs (3 years)	Ongoing
3.	Sundar Murti N.S.	DRS Phase-III (Met.)	UGC	Rs. 50 lakhs	Ongoing
4.	Agrawal S.K.	MODROBS in Welding Lab. in Met. Engg.	AICTE	Rs. 12.50 lakhs	Ongoing
5.	Agrawal S.K.	Narrow Gap Welding COSIST Programme	DST, Fast Track Scheme UGC, New Delhi UGC, New Delhi	Rs. 11.34 lakhs Rs. 80.00 lakhs Rs. 45.00 lakhs	Ongoing Ongoing Ongoing
6.	Basa D.K.	COSIST Programme of Metallurgical Engineering Department Modernisation of Foundry Laboratory (MODROBS)	1. UGC, New Delhi 2. AICTE, (MODROBS) of financial year 2002-03	Rs. 80.00 lakhs Rs. 5.5 lakhs (3 years)	Ongoing Ongoing

4. Research Work in the University

Department of Pharmacy

1.	Murthy R.S.R.	TIFAC CORE in NDDS	TIFAC COR, DST Govt. of India	225 lakhs	Ongoing
2.	Murthy R.S.R. & Misra A.N.	Development of Liposomal Dry Powder Inhaler formulation	AICTE	16 lakhs	Completed
3.	Murthy R.S.R.	Studies on Intranasal delivery of Peptides	AICTE	10 lakhs	Ongoing
4.	Dr. R. Balaraman	Herbal Drugs as antioxidants	AICTE	18.4 lakhs	Ongoing
5.	Dr. A. N. Misra	Transmucosal drug permeation studies using epithelial/endothelial cell lines	UGC	4 lakhs	Ongoing
	"	Development of Parenteral & nasal formulation of Calcitonin	Aditya Biological	60,000/-	Ongoing
6.	Yadav M.R.	Development of Protease Inhibitors as antimalarial drugs using computer aided drug design.	AICTE	14 lakhs	Ongoing
	"	Design & Development of New specific Cox-II Inhibitors	UGC	5.0 lakhs	Ongoing
7.	Dr. R. Giridhar	Design & Development of Potential anti hypertensive agents	UGC	5.75 lakhs	Ongoing
8.	Dr. K.K. Sawant	Investigations on Colon based delivery system of some anti cancer agents	AICTE	8.00 lakhs	Completed
9.	Mashru R.C.	Microencapsulation of digestive enzymes for improvisation of shelflife	AICTE	6.00 lakhs	Completed

Department of Textile Chemistry

1.	Bhattacharya, S.D.	Modernisation of Textile Chemistry Lab.	AICTE, New Delhi	12 Lakhs	Completed
2.	Agarwal, B.J.	Neutral dyeing of reactive dyes on cellulosic substrates	Research Schemes under Silver Jubilee Fund	15,000/-	Ongoing
3.	Shah, S.R.	Wet Processing of Bast fibres	MSU	20,000/-	Completed
4.	Shah J.N.	Minor Research Project under UGC Unassigned Grant	U.G.C.	15,000/-	Completed

Department of Textile Engineering

1.	Koranne, M.V.	Developing loom for 3D Shape weaving	AICTE	7.5 lakhs	Ongoing
2.	Mankodi H.	Production of different type of hybrid, conductive yarn and studies of change in resistivity.	Maganbhai Patel research grant	15,000/-	Completed
3.	Vasavada D.A.	Manufacturing of conductive fabric	Maganbhai Patel reserach grant	15,000/-	Completed

4. Research Work in the University

4.	Shaikh T.N.	Modification of saco-lowell ring frame for spinning mam made blends at high speeds.	MCF/SJF Baroda Rayon Corporation	40,000/-	Completed
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FACULTY OF FINE ARTS

Department of Museology

1.	Rayaprolu V.R.	Study of Museums in Russia	Govt. of India & Govt. of Russia	Sponsored visit	Completed
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FACULTY OF HOME SCIENCE

Department of Clothing and Textiles

1	Patel, B.S.	Sizing and Grading of Upper and Lower Garment Slopers for Adolescent Girls	U.G.C. Minor Research Project	10,000/-	Completed
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Department of Foods and Nutrition

1	Iyer, U.	ICMR Project on Obesity in School Children	ICMR	8.1 lacs	Ongoing
2	Mani, U.V. & Iyer, U	WHO Project on Obesity (2003 – 2004)	WHO	5.50 lacs	Ongoing
3	Mehta, P.	Women and Third Age (Multidisciplinary project)	WSRC, MSU	2.75 lacs	Ongoing
4	Sheth, M.	Safety and Shelf Quality of Household and Commercial Mango Pickle in Oil	Madhav Agro Foods Pvt Ltd	49,000/-	Completed

Department of Home Management

1.	Gandotra, V.S. & Shukul, M.	Women and third age	WSRC	2.95 Lacs	Ongoing
2.	Jaju, N. & Patel, S.	Indoor environmental hazards and occurrence of accidents amongst the elderly women	UGC	15,000/-	Completed

Department of Home Science Extension and Communication

1.	Mathu, A. A. & Sharma, S.	An Action Project To Start A Play Centre For Under-Priviledged Children Of Rangaavadhutpura Community, Baroda	UBS/UCD Baroda Municipal Corporation of Baroda, Baroda	7,000/-	Completed
2	Pahad, A. H. & Maniar, A. T.	Towards Women Empowerment Opinions Of Male And Female Journalists Towards Their Profession	CDIP , M.S.U., Baroda Women's Studies Research Centre, M.S.U., Baroda	10,000/-	Completed
3.	Pandya, R.M. & Mathu, A.A.	A Study Of Role Of Television In Development And Its Impact On The People Of Selected-Villages And Urban Slums Of Baroda	New Research Schemes, M.S.U., Baroda	30,000/-	Completed

4. Research Work in the University

4	Pandya, R. M. & Mathu, A. A.	Empowering Low Socio Economic Women Of Baroda City	CDIP , M.S.U., Baroda	10 ,000/-	Completed
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Department of Human Development and Family Studies

1.	Dave, P.B.	Sex Education for Better Reproductive Health	Dept. of Biotechnology Ministry of science And Technology, Govt. of India. Education Development Centre U.S.A.	6.63 Lacs	Ongoing
				2. 48 Lacs	Ongoing
2.	Dave, P.B. & Mallya, I.M.	Families and Migration: Older People from South Asia	Department For International Development (DFID) U.K.	5. 18 Lacs	Completed
3.	Kapadia, S.	Peer Education Strategy to Build Life Skills for Adolescents for Healthy Living (Project located in the WSRC)	UNFPA	4.36 Lacs	Completed
4	Kapadia, S. & Mehta, B.	Psychosocial Implications of Involuntary Childlessness in the Indian Cultural context.	Ford Foundation (through Sree Chitra Tirunal Institute for Medical Sciences & Technology, Thiruvananthapuram, Kerala.	4.50 Lacs	Ongoing
5.	Kapadia, S. & Pant, P.	Parent-adolescent Relationships: Social & Moral Interpersonal Disagreements /Conflicts	Indian Council of Social Science Research (ICSSR)	3.48 Lacs	Ongoing
6	Mohite, P. & Shastri, J.	Grandparents and elderly as represented in children's literature	Non Funded	-	Ongoing
7	Mohite, P., Shastri, J., Mankodi, H., Bhargava, S. & Jasrai, S.	Developmental Pathways: A journey from three months to three years	Non funded	-	Ongoing
8	Shastri, J.A. & Mankodi, D.	Review of preschool coordination	P.G.Council	30,000/-	Completed

FACULTY OF SOCIAL WORK

1.	Navale, A. S., Parmar, M.N.; Solanki, J.	Study of Atrocities on Scheduled Caste (Focus on effect of atrocities and reasons for non-conviction of atrocity cases in Vadodara zone).	Ministry of Social Justice and Empowerment, Government of India	1,30,000	Completed
2.	Navale, A. S.; Vyas, M.D., Parmar, M.N.; Solanki, J.; Bulchandani, A.	Market – Survey for Departmental Store for Adani Industries	Adani Group	---	Completed
3.	Navale, A. S.; Sharma M.	Social Impact Assessment (Impact Assessment of Earth-quake Affected People in Gujarat)	World Bank (FA) Coordinated by Gujarat State Disaster Management Authority	2.5 lacs	Ongoing

4. Research Work in the University

4.	Prof. Navale, A. S. Sharma M.	District Mapping Exercise of Populations Vulnerable to HIV/AIDS in District of Vadodara	CIRSD and Faculty of Social Work		Completed
5.	Khasgiwala, A. Maniyar, M.	Identifying Disabled from 5 Villages of Baroda Dist. (Field work agencies) through PRA Technique	Unnati and Handi-capped International	—	Ongoing
6.	Mehta, L.V.	Sexual Harassment	WSRC, M.S.University of Baroda, Vadodara	WSRC Project	Completed
7.	Patel, C.; Mehta, B.; & Rajjada, S.	Need Assessment Study for Social Service and Development Sectors for the City of Baroda	United Way of Baroda	—	Ongoing
8.	Desai, A.; & Bulchandani, A.	Study of 'Quality of Life – An Insight of 125 Families of Birla Cellulosic	Birla Cellulosic	—	Completed
9.	Bulchandani, A.	'Image Analysis' of Senior Executives in Birla Cellulosic	Birla Cellulosic	5,000/-	Completed

FACULTY OF PERFORMING ARTS

Department of Dance

1.	Gangani H.S.	Notation of the compositions of Guru Pt. Cundarlalji Gangani & other eminent Gurus of Kathak	Self Funding	—	Ongoing
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Department of Inst. Music

1.	Pathan A.S.	Jafferkhani Baaj	Self funding	Self Funding	Completed
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BARODA SANSKRIT MAHAVIDYALAYA

1.	Oza Y. B.	'A Gramatical study of Magha's Shishuyalavadham'	—	—	Ongoing
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SHRI M.K. AMIN ARTS & SCIENCE COLLEGE & COLLEGE OF COMMERCE, PADRA

1.	Agrawal S.	Wastage and Stagnation of elementary level of education : A Case Study of Chhota Udaipur region	WSRC, MSU	6000	Completed
2.	Agrawal S. & Shah K. R.	Financing of Secondary education in Gujarat.	NIEPA New Delhi	20000	Completed
3.	Ponkiya M. B.	Identification of Postural Defects among Primary School children and their Remedial Programme."	- NA -	- NA -	Ongoing

CENTRE FOR CONTINUING ADULT EDUCATION & COMMUNITY SERVICES

1.	Raina B.L.	A Study of Industrial Training Institute of Vadodara District	Bank of Baroda	One lakh	Completed
	"	A study of Environment awareness of women in Baroda	Bank of Baroda	One lakh	Completed

5. 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 etc. Extra Mural Studies and under other Schemes of the University.

A LECTURES DELIVERED UNDER UNIVERSITY GRANTS COMMISSION SCHEME(S) AT DEPT. / FACULTY :

Sr. No.	Name, Designation and Full Address	Date	Funding Agency	Title
FACULTY OF SCIENCE				
Department of Biochemistry				
1.	Dr. S. Hasnain Director Centre for DNA finger printing & Diagnostics (CDFD) Ecil road Nacharam Hyderabad – 500 076	10.10.02	U.G.C.	Human health care in post genomic era
2.	Prof. B.B. Chattoo Co- Ordinator Biotechnology Centre Faculty of Science M.S. University of Baroda Vadodara – 390 002.	14.10.02	U.G.C.	1. Genomics & proteomics A-Road Ahead 2. Molecular mechanisms of Rice blast disease by magnaportha grisea
3.	Prof. K.C. Upadhyaya Vice Chancellor M.S. University of Baroda Vadodara – 390 002	16.10.02	U.G.C.	1. Functional architecture of Gene- A plant perspective (Part I) 2. Functional architecture of Gene- A plant perspective (Part II)
4.	Dr. H. M. Sonawat Department of Chemical Sciences, Tata Institute of Fundamental Research, Dr. Homi Bhabha Road, Mumbai 5	18.10.02	U.G.C.	1. Applications of N.M.R. Spectroscopy in living System 2. Cell metabolism and its organization : N.M.R. spectroscopic investigations
5.	Dr. H. Padh Director, B.V. Patel Pharm. Edu. & Research Centre., Thaltej, Ahmedabad – 380 054	19.10.02	U.G.C.	Advances in Cell Biology
6.	Dr. C.N. Ramchand Head, Biological Research Division SPARC, Akota, Vadodara.	21.10.02	U.G.C.	Biochemistry of mental disorders
7.	Dr. P. Appa Rao Department of Plant Sciences University of Hyderabad Hyderabad – 500 046	24.10.02	U.G.C.	Programmed cell Death in plants as a means of defense Against Pathogens

5. Distinguished Lectures at the University

8.	Dr. K.B. Sabnis Associate Director Bio Science Group Bhabha Atomic Research Centre Trombay, Mumbai – 400 085	25.10.02	U.G.C.	Herbal Drugs
9.	Dr. Jayashree Sainis Dept of Molecular Biology BARC Trombay Mumbai 85	15.10.02	U.G.C.	1. RuBP Carboxylase/ oxygenase : Model system in plant Biology 2. Understanding Supra- molecular organization in the submicron world of living cells
10.	Dr. Dhananjaya Saranath Department of Molecular Medicine & Biology 6 th Floor, Jaslok Hospital Centre, Mumbai – 400 026	26.10.02	U.G.C.	1. Molecular basis of human cancer Part-1 2. Molecular basis of human Cancer Part-2
11.	Dr. P.V. Balaji Biotechnology Centre Indian Institute of Technology Powai, Mumbai – 400 076	28.10.02	U.G.C.	Overview of Bioinformatics

FACULTY OF EDUCATION & PSYCHOLOGY

Department of Education

1.	Dr. M.J Ravindranath Ground Coordinator Scientist, Centre for Environmental Education , Bangalore	23-1-2003	Visiting Fellow UGC-SAP	Environmental Education in Teacher Education
2.	Dr. M.J Ravindranath Ground Coordinator Scientist, Centre for Environmental Education, Bangalore	25-1-2003	Visiting Fellow UGC-SAP	Views and Attitudes towards Environment
3.	Prof, Anil Kumar T T T I , Bhopal	28-1-2003	Visiting Fellow UGC-SAP	Relevance and Quality of Education
4.	Prof, Anil Kumar T T T I, Bhopal	30-1-2003	Visiting Fellow UGC-SAP	Research Concerns in Educational Evaluation
5.	Dr. C. B. Sharma Reader, School of Education IGNOU, New Delhi	19-3-2003	Visiting Fellow UGC-SAP	Options before a Master's student
6.	Dr. C. B. Sharma Reader, School of Education IGNOU, New Delhi	22-3-2003	Visiting Fellow UGC-SAP	New Paradigms of Research

5. Distinguished Lectures at the University

Department of Edun.Admn.

- | | | | | |
|----|---|----------------|---------------------------|---|
| 1. | Prof . P.K.Sahoo
Professor of Education
Department of Education
Allahabad University,
Allahabad, U.P. | 7-14 Oct, 2002 | DRS UGC
Project(Ph-II) | 1. Issues in Social
Scheme Research
2. TQM in Education
3. Future forecasting
in Education
4. HRD in Education |
| 2. | Prof. P Sapre
Professor Emeritus,
Sam apartment,
Pune. | Sept,2002 | DRS-UGC
Project(Ph-II) | - |

B. EXTRA MURAL TALKS AT DEPT. / FACULTY *

FACULTY OF ARTS

Dept. of German

- | | | | | |
|----|--|----------------------------|---|---|
| 1. | Mr. Sagurno, Marco
Cultural Journalist,
Hannover, Germany. | 30.10.02
to
14.12.02 | Eiswasser, Germany | New German Literature and
Media |
| 2. | Dr. Gollner, Helmu Vienna, Austria. | 07.01.03 to
14.02.03 | Govt. of Austria | Modern Austrian Literature |
| 3. | Prof. Bollacher, Martin
University of Bochum, Germany. | 24.02.03 to
15.03.03 | DAAD (German
Academic Exchange
Service) Bonn, Germany | India-reception in German
Literature |
| 4. | Mr. Dean, Martin Zurich,
Switzerland. | 24.01.03 to
26.01.03 | Protielvetia
Switzerland | Readings from Novels |
| 5. | Mrs. Storz, Claudia
Zurich, Switzerland. | 24.01.03 to
26.01.03 | Protielvetia,
Switzerland | Readings from Novels |

Department of Gujarati

- | | | | | |
|----|---|----------|---------------------|-------------------|
| 1. | Prof. Vyas, Satish
Professor in Gujarati,
Bhashabhavan,
Gujarat University, Ahmedabad. | 03.03.03 | Anami Memorial Fund | Problems of Drama |
|----|---|----------|---------------------|-------------------|

Department of Russian

- | | | | | |
|----|---|------------|---|--|
| 1. | Dr. Ashraf, Jaweed
Professor (Retired)
Jawaharlal Nehru University,
New Delhi. | 04.12.2002 | Faculty of Arts,
Extra Mural Lecture | Some Lesser Known Aspects
of Russia and the Central
Asia: Past and Present |
|----|---|------------|---|--|

Department of Sanskrit, Pali and Prakrit

- | | | | | |
|----|---|----------|------------------------------|---|
| 1. | Prof. Jha, V.N.
Director, Center of Sanskrit Studies,
JNU, New Delhi. | 24.01.03 | M.S. University,
Vadodara | Tarkasamgraha- An
Approach of Study : Indian
Logic and Epistemology |
|----|---|----------|------------------------------|---|

5. Distinguished Lectures at the University

FACULTY OF SCIENCE

Department of Biochemistry

- | | | | | |
|----|--|----------|--|--|
| 1. | Dr. R.K. Rao
Professor & Director
Department of Physiology & Pediatric
University of Memphis, U.S.A. | 6.8.02 | | Epithelial Barrier Function;
Regulation of Epithelial
tight junctions by the
protooncogene- C. src. |
| 2. | Prof. Madhavan Nair,
Prof. & Director of Immunology,
Dept. of Medicine & Microbiology
Buffalo General Hospital – U.S.A. | 6.8.02 | | AIDS encephalopathy &
Non progressive HIV disease
- Role of opioids |
| 3. | Dr. M.S. Patel
Professor of Biochemistry
& associated Dean, Biomed.
Res. and edu. Suny. Buffalo
U.S.A. | 18.11.02 | | The Regulation of pyruvate
Dehydrogenase complex
by lipoic acid |
| 4. | Dr. A.B. Kulkarni
Director, Functional genomics
NIDCR – National Institute
of Health. Bethesda Maryland, U.S.A. | 6.12.02 | | Role of CDKS brain
Development & function |

7.12.02

Functional genomic studies
on tooth development

Department of Botany

- | | | | | |
|----|---|------------|--------|---|
| 1. | Dr. S.M. Paul Khurana
Director, CPRI., Shimla | 17.12.2002 | M.S.U. | Research and Development
at National Potato Research
Institute during last 50 years |
| 2. | Prof. G.M. Nair
Director, Tropical Botanical
Garden and Research Institute,
Palode, Thiruvananthapuram | 1.2.2003 | M.S.U. | Medicinal Plants of Western
Ghats |

Department of Chemistry

- | | | | | |
|----|--|------------|--|--|
| 1. | Prof. Khopkar
Emiretus Professor
I.I.T. Powai, Bombay. | 15.03.2003 | | Environment and Analytical
Chemistry. |
|----|--|------------|--|--|

Department of Mathematics

- | | | | | |
|---|---|-----------|--------------------------------|--|
| 1 | Prof. Subhash J. Bhatt
Dept. of Mathematics,
S.P. University,
Vallabh Vidyanagar | 11/1/2003 | Indian Mathematical
Society | Quantize Infinitesimal the
return of the Ghost |
| 2 | Dr. V.O. Thomas
Dept. of Mathematics,
Faculty of Science
M.S.U. | 6/2/2003 | | Conic Sections – Its Natural
Manifestations &
Applications |

5. Distinguished Lectures at the University

Department of Zoology			
1.	Prof. S.K. Saidapur Karnatak University Dharwad	2.9.2002	Faculty Extra mural Lectures
			- Evolutionary strategies for reproduction in calotes versicolor - Darwan's concepts in Medicine & biology
FACULTY OF EDUCATION & PSYCHOLOGY			
Department of Education			
1.	Jitendra Mohan	30.1.2003	M.S.University Revenue Budget
			Emotional Intelligence
2.	C R Patel	6.3.2003	M.S.University Revenue Budget
			Teaching Roll and School Development
3.	Nikhil Desai	6.8.2002	M.S.University Revenue Budget
			Teachers Commitments
4.	Preeti Patke	13.8.2002	M.S.University Revenue Budget
			Effective Teaching School
5.	Rekha Shah	21.2.2003	M.S.University Revenue Budget
			Inclusion Making happen
FACULTY OF COMMERCE			
1.	Mr. Jayesh Mehta Chartered Accountant Ex-Chairman of W.I.R.C. of ICAI Baroda Branch Hari Bhakti Colony, Race Course, Vadodara.	7.3.2003	-
			Indian Budget 2003
FACULTY OF TECHNOLOGY & ENGINEERING			
Department of Architecture			
1.	Dr. Kamal Pathak, Office Superintendent, Baroda Medical College, Vadodara	2.8.2002	-
			Hospital Design for B.Arch. V Students. Foundation-B.Arch. I & III Students
2.	Mr. Pradeep Chauhan	19.9.2002	-
			-
Department of Chemical Engineering			
1.	Bakshi Pradeep, Consultant	25.1.03	-
			Polymer Alloys and Blends
2.	Bakshi Pradeep, Consultant	1.2.03	-
			Engg. Plastic
Department of Mechanical Engineering			
1.	Dr. Mahulikar, Professor Aeronautical Engg. Department	7 & 8 Feb. 2003	-
			Stealth Technology
Department of Metallurgical Engineering			
1.	Dr. Rajendra Kumar, Retired Director, Regional Research Laboratory (RRL), Bhopal	7th Aug. 2002	Local Professional Bodies including SMES
			Value Engineering R & D activities at RRL,
2.	Dr. V.N. Mishra, Director, RRL, Bhubaneswar	15th Feb. 2002	SMES
			Bhubaneswar for reduction of Alumina

5. Distinguished Lectures at the University

FACULTY OF HOME SCIENCE

Department of Clothing & Textile

- | | | | | |
|----|------------------|----------------|--------------------------|------------------------------------|
| 1. | Mr. Kacker Ashok | March 19, 2003 | M.S.University of Baroda | Business Ownership |
| 2. | Mr. Khode Arvind | March 15, 2003 | M.S.University of Baroda | Finance and Financial Institutions |

Department of Foods and Nutrition

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|----|----------------------------|----------------|---------------------------|----------------------|
| 1. | Dr. Rajkumar, Psychiatrist | December, 2002 | M.S. University of Baroda | Management of Stress |
|----|----------------------------|----------------|---------------------------|----------------------|

FACULTY OF SOCIAL WORK

- | | | | | |
|----|--|------------|-----------------|--|
| 1. | Shri Lalit Bhareja
Handicap International, Ahmedabad | 10.2.2003 | M.S.University | Mainstreaming of Handicapped |
| 2. | Ms. Archana Srivastava
Handicap International, Ahmedabad | 10.12.2003 | M.S.University | Mainstreaming of Handicapped |
| 3. | Shri Tuteja D.D. (I.P.S.)
Commissioner of Police,
Vadodara | 22.2.2003 | M.S. University | Prevention of Crime and Role of Society in Maintaining Law and Order |
| 4. | Shri H.C. Dholakia
Retd. Prof. Of Law | 26.3.2003 | M.S.University | Human Rights and Civil Society |

FACULTY OF PERFORMING ARTS

Department of Dance

- | | | | |
|----|--|------------|--------------------------|
| 1. | Prof. Dr.Sunil Kothari
(Dance critic, Asiad village New Delhi. | 10.02.2003 | U.G.C. Unassigned grants |
| 2. | Proff. Amita Dutta
H.O.D., Dance Dept.
Rabindra Bharti University, Kolkatta. | 13.02.2003 | U.G.C. Unassigned grants |

Department of Drama

- | | | | | |
|----|--|------------|--------------------------|---|
| 1. | Dr. Jayanti Patel
'Ranglo' Renowned theatre person
San Fransisco, U.S.A. | 23.12.2002 | U.G.C. Unassigned grants | 1. Inner theatre
2. 'natak duniya nu Darpan' |
|----|--|------------|--------------------------|---|

Department of Indian Classical Music (Vocal & Tabla)

- | | | | | |
|----|----------------------------|------------|--------------------------|---------------|
| 1. | H. Hariharan, Musicologist | 25.09.2002 | U.G.C. Unassigned grants | Music Therapy |
| 2. | Salina Thielemann | 28.09.2002 | U.G.C. Unassigned grants | Bowl Music |

Department of Inst. Music

- | | | | | |
|----|----------------------------|------------|--------------------------|-----------------|
| 1. | H. Hariharan, Musicologist | 25.09.2002 | U.G.C. Unassigned grants | Music Therapy |
| 2. | Salina Thielemann | 28.09.2002 | U.G.C. Unassigned grants | Music Therapy |
| 3. | Dr. Ravi Sharma | 11.10.2002 | U.G.C. Unassigned grants | Sitar as I know |

5. Distinguished Lectures at the University

CENTRE FOR CONTINUING ADULT EDUCATION & COMMUNITIES SERVICES

1.	Dr. K.R.Paralikar, Ex. Director, C.A.E.		Self	Health Hazards Occurring in and near Industrial Areas.
2.	Prof. J.K.Syan	18.09.02	Self	Financial Management, Banking and Insurance - a placement.
3.	Dr. P.K. Khanna	25.10.02	Self	Importance of Banking and Business Finance Sector as a study.
4.	Mr. K.U. Upadhyay	27.12.02	Self	Pros and Cons of Finance and Banking Sector.
5.	Mr. Prashant Shiram Director, ICFAI, Baroda	30.11.02	Self	Employment opportunities in financial fields

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

FACULTY OF ARTS

Department of Economics

1.	Shri. Singh, A.P. General Manager, HRD, IPCL.	10.12.02	Economic Society of the Faculty of Arts	Globalization
2.	Prof. Gupta, G.S. Professor of Economics, Indian Institute of Management, Ahmedabad.	28.12.02	Prof. D.K. Shukla Memorial Lecture	Economic Fluctuations and Stabilization Policies

FACULTY OF SCIENCE

Department of Biochemistry

1	Prof. Ivo Safarik Laboratory of Biochemistry & Microbiology Institute of Landscape Ecology, Academy of Sciences Ceske Budejovicl Czech Republic	3.2.03	INSA	Magnetic Nanoparticles in Biological Sciences
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Department of Physics

1.	Prof. D.S. Joag Deptt. Of Physics, Poona University, Pune-7.	24.10.02	IPA Baroda Chapter.	Field electron emission from nanomaterials
2.	Prof. P. Kopcansky Inst. Of Expt. Physics, Slovakia.	28.1.03	IPA Baroda Chapter.	Magnetic fluid and their composite

Department of Zoology

1	Prof.S.K. Saidapur Karnatak University, Dharwad	2 / 9 / 02	Faculty Extra mural lectures	- Evolutionary strategies for reproduction in Calotes versicolor - Darwan's concepts in Medicine & biology
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5. Distinguished Lectures at the University

FACULTY OF EDUCATION & PSYCHOLOGY

Department of Education

1	Prof. N.A.Shelat	20,21 March 03	Revenue Budget Visiting Faculty	Decision making in Education
2	B.M.Palam	3,11, Feb,03 10-3-03	Revenue Budget Visiting Faculty	Indian Psychotherapy
3	Dr.S.L. Patel	13,15 March,03	Revenue Budget Visiting Faculty	Teaching of Gujarati in Secondary School
4	Dr. P.M.Joshi	13,15 March,03	Revenue Budget Visiting Faculty	Education and Society
5	Jyotindra Pandya	15, March 2003	Revenue Budget Visiting Faculty	Teaching of S.S. At Secondary level
6	Dr. P R Dave	15 March 2003	Revenue Budget Visiting Faculty	Teaching of Science Problems and Issues
7	Dr. Janak Shah	15, March 2003	Revenue Budget Visiting Faculty	Teaching of Account anon at Higher Secondary level
8	Dr. Nikhil Desai	13, 15 March 03	Revenue Budget Visiting Faculty	Teaching of Chemistry at Higher Secondary School
9	Shri Bhogilal Desai	15, March 2003	Revenue Budget Visiting Faculty	Teaching of Mathis at Secondary Level
10	Dr. N.S.Pathak, Retired DEAN	11,12,13,15,& 17 March 03	Revenue Budget Visiting Faculty	Various approached for cleat catalysis motivation Theories
11	Dr. P.M.Patel Reader Dept. of Political Science	13 & 15 March, 03	Revenue Budget Visiting Faculty	Students Activities

Department of Psychology

12	Dr. Sudhir Bhan Reader, Dept. of Psychology, The M. S. University			Speech Therapy
13	Dr. B. M. Palan Practising Psychiatrist and Hypnotherapist 12,Gulmohar Park, VADODARA.			Self-Hypnotherapy

Department of Edun. Admn.

14	Prof. N.A.Shelat 4-B Jupiter Apartment, Alkapur, Baroda	26-27 Feb., 2003	M.S.University . Baroda	1. Organizational Climate of School organizations. 2. Financial Management of School Organization.
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FACULTY OF TECHNOLOGY & ENGINEERING

Department of Applied Chemistry

1.	Prof. U.V. Chudasama, Professor	17-19, Oct. 02	21st Annual convocation of Indian Council of Chemists, Jabalpur.	Adv. Inorganic Materials of the class of Tetravalent Metal Acid Salts and Applications
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5. Distinguished Lectures at the University

Department of Pharmacy

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|----|---|----------------|--|---|
| 1. | Mr. Z.Z. Tyebji, Gen Manager, Formulation, Development Dept., Sun Pharma Advanced Research Centre, Baroda | 10th Oct. 2002 | | Importance of Drug dissolution & Bio-equivalence |
| 2. | Mr. S. Ganesh, Member, TIF AC-CORE in NDDS | 26th Oct. 2002 | | Supercritical fluid technology strategies for particle size design. |
| 3. | Dr. A.B. Rao
Senior Executive Formulation Development Dept., Sun Pharma Advanced Research Centre, Baroda | 16th Nov. 2002 | | Sterically stabilized liposomes-An overview |
| 4. | Mr. Jayathirtha M.G. Member, TIF AC CORE | 7th Dec. 2002 | | Biodiversity; Buzz word or reality |
| 5. | Prof. M.R. Yadav
Pharmacy Department, MSU Baroda | 8th Feb. 2003 | | Molecular modeling in drug development |
| 6. | Dr. Rajkiran Jain
Manager, Quality control, Mercury Laboratories | 8th Mar. 2003 | | Understanding Patents-basics |
| 7. | Prof. M. Vimaladevi,
Managing Director, Auro Pharma, Pondichhery | 29th Mar. 2003 | | Understanding patents |
| 8. | Dr. D. Venkatesh
Executive, Formulation Development, Dept., Sun Pharma Advanced Research Centre, Baroda | 19th Apr. 2003 | | Implantable drug delivery system for periodontal infections |

FACULTY OF HOME SCIENCE

Department of Clothing and Textiles

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|---|------------------|---------------|---------------------------|---|
| 1 | Ms. Pandit Ronak | March 8, 2003 | M.S. University of Baroda | Personality theories of Freud, Murrary and Jung |
|---|------------------|---------------|---------------------------|---|

Department of Human Development and Family Studies

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|---|---|---------------|--|--|
| 1 | Prof. Peter Martin, Director, Gerontology Program, Iowa state Univ., Le Boron, Ames, IA | July 23, 2002 | Nehru Chair, M.S. University of Baroda | Global aging in the 21 st century |
|---|---|---------------|--|--|

FACULTY OF SOCIAL WORK

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|----|--|-----------|--|--|
| 1. | Mr. Dilip Ranjekar, Ex.Director
Asim Premji Foundation, Bangalore | 15-3-2003 | Prof. Indira Patel and Dr. S.R. Yardi
Memorial Lecture Series, CIRSD, Vadodara. | Business Social Partnership : Beyond Philanthropy |
| 2. | Mr. Mahesh Bhatt, Cinema Director | 23-3-2003 | Centre for Industrial Relation and Social Development | Is Hindi Cinema the Reflection of True Indian Society? |

5. Distinguished Lectures at the University

FACULTY OF PERFORMING ARTS

Department of Dance

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|----|--|------------|--|------------------|
| 1. | Prof. Mary Alice Brennan
Uni. of Wisconsin, Madison, U.S.A. | 23/12/2002 | | Dance in America |
|----|--|------------|--|------------------|

FACULTY OF JOURNALISM & COMMUNICATION

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|-----|--|-----------|---|-------------------------------------|
| 31. | Prof. M.R. Dua
Ex-Professor, Indian Institute of
Mass Communication, New Delhi
Address : 38 National Media Centre,
Gurgaon | 31.1.2003 | - | How to write a dissertation ? |
| 2. | Rajeev Khanna
BBC Reporter Ahmedabad | 26.2.03 | - | Latest trends in broadcast
media |

BARODA SANSKRIT MAHAVIDYALAYA

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|-----|--|--------------------------|-----|----------------------|
| 1. | Prof. Uma Shankar Shukla,
Professor, Banarus | 6 & 7 Jan. 2003 | UGC | Puranas and Vedangas |
| 2. | Prof. Om Prakash Pandey
Professor, Ujjain | 6 & 7 Jan. 2003 | UGC | Puranas and Vedangas |
| 3. | Prof. Bhaskaracharya Tripathi,
Professor & Head, Vikram
University, Ujjain | 7 & 8 Jan. 2003 | UGC | Puranas and Vedangas |
| 4. | Prof. M.L. Wadekar,
Gen. Editor, O.I., MSU, Vadodara | 11th Jan. 2003 | UGC | Puranas and Vedangas |
| 5. | Prof. R.T. Vyas,
Professor, Vadodara | 7,8,9 & 10
Jan. 2003 | UGC | Puranas and Vedangas |
| 6. | Dr. Jaydev Jani
Professor, Vadodara | 7th Jan. 2003 | UGC | Puranas and Vedangas |
| 7. | Dr. Meena Ben Pathak,
Research Officer, Vadodara | 12, 13 & 16
Jan. 2003 | UGC | Puranas and Vedangas |
| 8. | Shri K.J. Purohit,
BSM, Vadodara | 11, 22 Jan. 2003 | UGC | Puranas and Vedangas |
| 9. | Dr. Rampal Shukla,
Lecturer, BSM, Vadodara | 10,12 Jan. 2003 | UGC | Puranas and Vedangas |
| 10. | Dr. Ravindra Panda,
Reader, MSU, Vadodara | 9, 11 & 26
Jan. 2003 | UGC | Puranas and Vedangas |
| 11. | Shri Udayan H. Shukla
Lecturer, BSM, Vadodara | 22 Jan. 2003 | UGC | Puranas and Vedangas |
| 12. | Araiya Ramasharma, Principal
Sanskrit College, Melkote,
Karnataka | 22,23 & 25
Jan. 2003 | UGC | Puranas and Vedangas |
| 13. | Dr. Anantacharya,
Lal Bahadur Shastri Sanskrit
Vidyapeetha, Delhi | 23 & 24 Jan.2003 | UGC | Puranas and Vedangas |

5. Distinguished Lectures at the University

14.	Nilimph Tripathi, Lecturer, Ujjain	24 & 25 Jan. 2003	UGC	Puranas and Vedangas
15.	Porf. Jayprakash Narayan Dwivedi Dwaraka	16 & 17 Jan. 2003	UGC	Puranas and Vedangas
16.	Prof. Radheshyam Dhar Dwivedi Banarus	15,16 & 17 Jan. 2003	UGC	Puranas and Vedangas
17.	Prof. Parasnath Dwivedi, Banarus	19,20 & 22 Jan. 2003	UGC	Puranas and Vedangas
18.	Prof. Uma Ben Deshpandey Professor, MSU, Vadodara	24 Jan. 2003	UGC	Puranas and Vedangas
19.	Dr. H.M. Pandey, Principal BSM, MSU, Vadodara	26 Jan. 2003	UGC	Puranas and Vedangas
20.	Prof. Vasant Bhatt, Prof. Gujarat University, Ahmedabad	19 & 20 Jan. 2003	UGC	Puranas and Vedangas
21.	Devanathan R., Reader Thirupati Skt. Vidyapeeth, Thirupati	8 & 9 Jan. 2003	UGC	Puranas and Vedangas
22.	L.M. Joshi, Reader, MSU, Vadodara	22nd Jan. 2003	UGC	Puranas and Vedangas
23.	Vijayaraghavan, Lecturer BSM, MSU, Vadodara	26, 27 & 28 Jan. 2003	UGC	Puranas and Vedangas

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5 (A). Highlights of the Faculties

FACULTY OF ARTS

DEPARTMENT OF ARCHAEOLOGY & ANCIENT HISTORY

Department is engaged in interdisciplinary research in Prehistoric and Protohistoric cultures of Gujarat with special focus on various Stone Age Cultures and developed civilization. Through various ethnoarchaeological, experimental and field studies, the department has contributed substantially towards better understanding of the above mentioned cultures and their technological achievements and Paleoenvironment. In recognition of these efforts UGC under Special Assistance Programme and National Institute of Ocean Technology has provided funds for carrying out archaeological survey, excavations and Paleoenvironmental studies. One of the NIOT programme is carried in collaboration with Dept. of Geology, Faculty of Science, The M.S.University of Baroda.

DEPARTMENT OF ECONOMICS

Established in 1949 the Department of Economics was honored 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

Up gradation of PG courses during 2000-2001. New optional courses-New literatures in English, Indian Literature in Translation, The Theory and Practice of Women's Writing- introduced, innovative core course- Politics, Ideology and the Teaching of English- updated. Shakespeare Society (estab. 1951): Staging plays. Reorganization of UG courses in line with UGC model curriculum, approved by Board of Studies in 2002-03 and will be implemented from 2003-04. PG courses restructured- from Historical to Genre Approach- as per suggestions in UGC model curriculum, to be implemented in due course.

Set up a furnished (AC) room for 2 Pentium computers with scanner, UPS & Printers, utilized for functional English classes & staff. Established Departmental library & reading room with books donated by well-wishers. Conducts International & National Seminars, Workshops, Refresher courses regularly.

DEPARTMENT OF GERMAN

It is one of the statutory Departments of M.S. University of Baroda offering full-time courses like B.A., M.A. & Ph.D. Part-time courses like Certificate, Diploma & Post Diploma and also various Self Financing courses. Its curriculum is very modern and includes all the German speaking countries and German minorities around the world , and also encourages comparative studies with our own Indian culture .The Department has got the approval from the University to run a one year self-financing course " Post graduate Diploma course in Teaching German " (PGDTG) and it will train the teachers of German in India and in Goethe Institute (Max Muller Bhavan) Pune. The Department is also centre of coordination office for All India Teachers of German Language and Culture Studies and organizes Seminars and Conferences since 2001. In a shortspan of time, it has produced three NET pass and is developing fast as one of prime centers of German studies in India.

DEPARTMENT OF GUJARATI

Gujarati Department of this University is the largest department in Gujarat. The Department comprises of well known scholars, creative writers, editors, translators and critics. Two prestigious periodicals of Gujarati literature (ETAD and Pratyaksha) are edited by two teachers of the Department. The teachers of Gujarati Department are members of Board of Studies, Sahitya Academy (New Delhi), Gujarat Sahitya Academy (Gandhinagar), K.K.Birla Foundation (New Delhi). Prestigious national level project linking Information Technology and Gujarati language, literature and culture is financed by the Ministry of Culture, New Delhi. Principal investigator of this project is Prof. S.Y. Mehta.

5. Highlights of the Faculties

DEPARTMENT OF FRENCH

The Department of French is the only one of its kind in Gujarat and Rajasthan. Learning French is very popular with the students and has always attracted a large number of students to its different courses. Runs Self- Finance Courses which are also popular. Teachers are motivated, qualified and innovative. The French embassy has been granting it privileges like sending books, training its teachers and rewarding French Government Scholarships- two of our students were awarded them to go to France for one year. Continuous revision of syllabi whenever required and updating all teaching material is done to be at par with other well known institutions in the country.

DEPARTMENT OF HINDI

Instituted in 1949, the Department of Hindi is actively involved in the promotion of the national language. A very large number of students were imparted training in this language of such wide use both in academic and administrative circles. Students not only from Hindi belt but also from other regions of the country come to study and pursue research in the Department which has amassed a sizeable body of Ph.D. researches. Apart from Prof. C.P. Singh and Prof. A.S. Nagar, the Department was privileged to have among the faculty Prof. V.V. Trivedi, Prof. M.G. Gupta and Prof. D.S. Shukla.

DEPARTMENT OF HISTORY

Founded in 1949, a Special Assistance Programme was accredited to the Department during the VIth plan. Emphasis is given to the teaching of medieval and modern Indian History and researches in medieval archaeology, art, architecture, epigraphy and numismatics using foreign and domestic sources. The Department also encompasses the Socio-economic history of western India with special emphasis on the processes of urbanization. The Department modestly claims to have carried out a substantial part of the work, planned under the DSA Programme

DEPARTMENT OF LIBRARY AND INFORMATION SCIENCE

Department of Library and Information Science offers professional degree courses in the Faculty of Arts. This Department has been generating professionals, who are in demand in academics, research and industrial libraries in India. Our alumni are also working abroad. This was the first department of Library Science in Gujarat from where students qualified NET conducted by UGC. The syllabi for the rigorous one year Bachelor's and Master's programme was revised in 2000-01 and 2001-02 respectively. Papers on Computer Application and IT were introduced to gear these programmes to the needs of today's information society and market.

DEPARTMENT OF LINGUISTICS

Instituted in 1964, the Department of Linguistics offers general and specialized courses in linguistics at the undergraduate and postgraduate levels. In Gujarat, it is the only Department that offers courses in Linguistics in English medium. This is one of the Departments which has contributed towards various other fields, such as Anthropology, Psychology, Translation Studies and Language Technology, through its inter-disciplinary course structure and research work. Since the year 2000, the Department has been collaborating with Resource Center for Indian Language Technology- Gujarat, funded by the Ministry of Information and Technology, Govt. of India, towards developing language technology applications.

DEPARTMENT OF PHILISOPHY

The Department has UG and PG courses in Philosophy with M. Phil and Ph.D. programmes as well. It facilitates awareness in Philosophy in context of rich Indian cultural heritage and contemporary trends in west. The major research areas have been with ethicospiritual tradition of Indian thought, comparative religion and western Philosophy. The Department has attracted a great number of students at the under graduate courses for the last few years.

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.

5. Highlights of the Faculties

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 31st March, 2002. It finished three phases of the programme. In 1988, the Ford Foundation sanctioned a prestigious grant to the Department for the advancement of the teaching and research in International Relation Studies which lasted up to 31st 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 organize various extra-curricular activities like debates, group discussions as well as cultural evenings. Several students have earned M. Phil and Ph.D. degrees from the day the Department started.

DEPARTMENT OF RUSSIAN

The Department of Russian 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 the Teaching of the Target Language. Typological Studies and Comparative Studies in Contacting Languages and their Literatures. Academic and Co-curricular activities and programmes are detailed at the web site: www.geocities.com/ruslanmsub

DEPARTMENT OF SANSKRIT, PALI AND PRAKRIT

The Department of Sanskrit, Pali and Prakrit is one of the important centers of Sanskrit studies in India providing facilities for teaching and research in three ancient languages such as Sanskrit, Pali and Prakrit.

It has also the distinction of having a provision for study and research in fourteen Shastra-disciplines like Vedanta, Purana and Alankarashastra etc. The Department has maintained a strong research culture and demonstrated an impressive record of producing doctoral research. Forty students have been awarded their Ph.D. and twenty students are working at present.

DEPARTMENT OF SOCIOLOGY

The Department of Sociology at the M.S. University 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 Prof. M.N. Srinivas and Prof. I.P. Desai, the Department earned a name as a leading department of teaching and research in Sociology in India. The syllabus of the Department is revised from time to time to make it more contemporary with relevant books, at both UG and PG level. At PG level there is emphasis on both theoretical as well as empirical material. The Department has instituted M.N. Srinivas Scholarship for M.A. Part I and M.A. Part II students. I.P. Desai Scholarship for UG students will become operative from this academic year. The Gift Book Collection Library is a unique feature of this Department. It has a collection of books gifted by students, teachers and other donors of the Department and from outside.

FACULTY OF SCIENCE

Department of Bio-chemistry

Department has conducted a UGC sponsored refresher course on "Advance in Biochemistry" from October 10-30, 2002.

Department of Botany

The Department is running different courses related to Plant Sciences and Seed Technology. Research Projects funded by UGC, CSIR & ISRO are in progress. The Department has all the required facilities for research and teaching.

5. Highlights of the Faculties

Department of Chemistry

The Department of Chemistry at the M.S. 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 and DST's FIST programme. The department had international collaborative ALIS scheme jointly supported by UGC and British Council. Research activities were and are 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 specialisation 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. The reputation of the department within and outside India is good.

Department of Geography

The department has introduced the course in Remote Sensing and Geographic Information System at post-graduate level and Remote Sensing at under graduate. It has also introduced Automated Cartographic Techniques in the under graduates classes. It has received grants from ISRO for expanding the facilities for Remote Sensing and GIS. The establishment of the laboratory is at its final stages.

Department of Geology

The Department of Geology was established in 1951 in the Faculty of Technology and Engineering with limited staff and equipment for undergraduate teaching. In 1960 PG course was introduced. With the UGC support the Department was housed in new building in 1965 and placed under the Faculty of Science. The Department premises further extended in 1987. At present there are 16 faculty members 4 professors, 5 readers and 7 lecturers. The department offers the courses of B.Sc., and M.Sc. in Geology along with a course in Applied Geology and a Post. M.Sc. Diploma in Applied Quaternary Geology. Since its inception, total 104 students have obtained their Ph.D. and 16 are working at present for their Ph.D. Three Post Doctoral Fellows are presently working in the Department. The Department is well known for its research in the areas of Structural Geology, Igneous and metamorphic Petrology, Geomorphology, Sedimentology, Paleontology in Gujarat and various parts of Himalayas, Rajasthan, Madhya Pradesh, and Maharashtra. Department is a recognized centre for Research in Quaternary Geology and working especially for Gujarat state.

Department of Mathematics

The Department of Mathematics at the Faculty of Science of the M.S. University of Baroda is actively engaged in researches in Classical Harmonic Analysis, Special Functions, Topology and Classical General Relativity. 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 & 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 researches in the field of the 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 functions viz. Lauricella functions, Appel's functions, H-functions, G-functions, of polynomial sets and their q-analogues.

It is now almost twelve years that the department is actively working towards researches in Topology. The work going on the topology can broadly be classified into two areas: Topological Dynamics and Projective Functors.

Some important and interesting work has been carried out in Topological Dynamics with special emphasis on 'expansive homeomorphisms'. It may be noted that 1-dimensional dynamics is still an active area of research and the department is

5. Highlights of the Faculties

involved in this study as well, though prime interest at present is on generalizations of expansive homeomorphisms and related topics. Work is also being done in the area of G-spaces, compactification 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 2000 we had produced 84 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.

Department was funded under DST-FIST Programme under which Rs.40.00 lakhs received to purchase new equipments and to develop infrastructure facilities to strengthen the department. In the past department received support from UGC-DSA and COSIST Programmes. Department was also received funds of Rs.40.20 lakhs for UGC-DRS Programme for infrastructure facilities for research.

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, Environmental Biology and various contemporary areas allied to Microbiology and Biotechnology.

Department of Physics

The department is running successfully the COSIST and DRS Programmes of UGC alongwith the many projects funded by DST, UGC, NSC, IUC etc. awarded to Faculty members. All staff cabins and laboratories of the department are well connected by internet which is helpful in improving the teaching and research of the department. The department has developed good facilities for the research work and teaching. Many students have been awarded fellowship for doing Ph.D. in the American Universities.

Department of Zoology

The Department of Zoology established in 1951 has completed 52 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.

FACULTY OF EDUCATION AND PSYCHOLOGY

DEPARTMENT OF EDUCATION

The Department of Education is one of the distinguished Departments in the Country. On the basis of its excellent performance, the Department has been raised to the status of "Centre of Advanced study in Education (CASE) by the UGC and the CASE is conducting intensive Research in five thrust areas. The CASE has also systematized research by stipulating preparation of a Research Proposal its presentation in seminar and modification mandatory on the part of research scholars.

In the area of Research the Department has been pursuing some select contemporary interest in Education., especially through Ph.D. Work,

Some areas are :

- (a) Teaching of critical thinking
- (b) Mathematics Education

5. Highlights of the Faculties

- (c) Special Education mental retardation and learning disabilities
- (d) Emotional Intelligence
- (e) Multiple intelligences
- (f) Adolescence education

Use of multi-media approach in teaching, continuous and comprehensive evaluation with internal assessment, grading system, credit system semester system and use of question bank are special feature of the CASE.

The important features of the CASE are its regular weekly seminars. Conducting tutorials and cultural activities have become its institutional features.

DEPARTMENT OF PSYCHOLOGY

The Department offers four specializations at T.Y.B.A. level and research exposure. Training placement at M.A. level for practical hands-in-experience. In-house-placement trains the students across all specialization areas. Offers three self-financed professional courses, namely P. G. Dip. H.R.D., C.C.P. and P. G. Dip. in C.A.H. These are all unique courses and first of its kind in the country.

The department provides very rigorous practical training to the students to become professional psychologists.

DEPARTMENT OF EDUCATIONAL ADMINISTRATION

The Department of Educational Administration established in 1952 is one of its own kind in India. It has been offering Professional Diploma in Educational Management, and Master degree in Educational Management. The Department has UGC-DRS Project (Ph-II) since 2001. It has undertaken research work on Educational management at all boards of Education, and Women in Educational Management. Many Ph.D students have been working in the area of Educational Management under its dynamic faculties. Seminar and conferences are the special features of the Department.

In the area of research the department has been pursuing some areas of Extemporary interest, Ph.D. is a special feature.

FACULTY OF COMMERCE

From 362 Students in 1949, the Faculty of Commerce has ballooned to 16857 students presently. The explosive growth rate in students has snowballed into an alarming teacher student ratio of 1:181 catapulting the Faculty into an eternal cycle of administrative and infrastructural challenges. With every second student on the university campus being a commerce student, the task of maintaining a reasonable standard of teaching efficacy has been met with a characteristic determined resilience this academic year as well.

The Faculty of Commerce family has spiritedly debated, soul-searched and conceptualized a restructured B.Com. programme as per the UGC guidelines. The Faculty of Commerce commissioned yet again another self-financed diploma; introduced new papers and updated existing ones at the undergraduate and postgraduate levels to incorporate relevant developments in the world of commerce. Better infrastructure for a more effective teaching-learning environment – specifically a separate new postgraduate Centre. The Faculty invited a combination of academicians and practitioners from diverse disciplines to share their perspective on contemporary commerce. Our motivated students have won the lions share of medals across all university activities. It may be noted that all this has been accomplished without any additional financial burden on the University.

Currently the Faculty is spread over four administrative units conducting, in addition to its undergraduate and postgraduate programmes, the following self financed courses : Postgraduate Diploma in Business Management, Postgraduate Diploma in Sales and Advertising Management, Postgraduate Diploma in Banking and the prestigious BBA Programme.

During the year 2002-03 department of Business Economics, Faculty of Commerce hosted the 39th Annual Indian Econometric Conference wherein more than 100 distinguished academicians from all over the country participated.

The available resources are being pushed to their maximum limits. Decentralization appears to be the only option to arrest the pressure that threatens to spin out of control.

5. Highlights of the Faculties

FACULTY OF MEDICINE

FACULTY OF TECHNOLOGY AND ENGINEERING

1. Applied Chemistry

The Applied Chemistry Department, which is situated in the chemical industrial belt of Gujarat, offers a four semester post graduate course in M Sc (Applied Chemistry), and a two semester P G Diploma in Corrosion Technology. The department has also instituted two Gold Medals for the students having highest aggregate marks in the four semesters in M Sc (Applied Chemistry). The department also offers a Ph D programme.

The department is highly active in research and staff of the department has received research grants from agencies like AICTE, UGC, CSIR, and ONGC totalling about Rs. 30 lakhs during the last five years.

The department has also undertaken joint research projects with various industries situate around Vadodara such as IPCL, GACL, GSFC, ERDA, GIPL, DACL, ONGC, SUD Chemie Pvt. Ltd., etc. and many students are employed by them.

The department has an outstanding research record and about 100 research papers have been published in both International and Indian Journals. A number of Ph. D. degrees have been awarded and quite a few are waiting actively towards their Ph. D. degrees.

2. Applied Mathematics

Department of Applied Mathematics is one of the 14 departments associated with the Faculty of Tech. & Engg. It is one of the pioneering departments in the field of Applied Mathematics It has successfully completed several collaborative R & D Projects with industries like ONGC, ABB, Jyoti Ltd., Patwa Kinariwala Electronics Ltd., ISRO, Ahmedabad. Department is offering a four semester M.Sc. course in Industrial Mathematics, M. Sc. course in Applied Mathematics, and P G Diploma in Computer Applications. It has well equipped computing laboratory along with internet facilities. Department has also started Part Time O G Diploma in Computer Applications (Self Finance Course) from the Year 2002 – 2003.

3. Applied Mechanics and Structural Engineering

The department of Applied Mechanics is one of the oldest departments of Faculty of Faculty of Technology & Engineering of the M.S. University of Baroda. 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. On the path of its growth, 10 Doctoral and about 300 Post- graduate candidates are produced by the department in addition to publication of 415 research paper and 10 Books.

5. Highlights of the Faculties

4. Applied Physics

Physics is one of the most important subjects for the education of engineers. Applied physics is proud to be a part of Faculty of Technology and Engineering. It is involved in physics education to all entering engineering students and caters to the needs of all engineering departments for education in physics. In addition, it has its unique teaching programme in M. Sc. (Applied Physics), which is designed to satisfy the needs of industry in various fields like R & D, quality control, maintenance and product development. Also a one year Post Graduate Diploma course in Solid State Electronics is conducted. The department is actively involved in research and has several research programmes funded by various agencies like AICTE, BRNS, DST etc.

5. Architecture

The Department of Architecture, The Maharaja Sayajirao University of Baroda 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 of the Indian context the Department of Architecture 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 the computer as a potent tool for visualization; the Department is undergoing changes to accommodate computer laboratories and has introduced a new course. In addition, some teaching faculties in the Department have acquired additional qualifications from international institutions and are constantly upgrading their knowledge base to meet the changing demands of the profession. The Department also promotes architectural consultancy. The faculties are therefore active in both practice and academics.

6. Chemical Engineering

The Chemical Engineering Department is established in 1963, is the oldest as well as the most established department in the state of Gujarat. Student graduating from this department have earned high reputation in the profession in India and abroad. The department offers Post-graduate courses in Petrochemical Engineering and Polymer Technology.

The department boasts of a healthy Industry-Institution Interaction with large number of its post graduate students working out their research project in various industries. The students as well as faculty members have received large number of awards in last 35 years, including 6 ISTE-IPCL Awards for Best M. E. Thesis and 3 P. C. Ray awards for Best B. E. Dissertation. Prof. N. Subrahmanyam was awarded in 2001 ISTE Charottar Vidya Mandal's Best Engineering Teacher in Gujarat. Prof. S. A. Puranik while working with this department received Anna Award for Best Engineering Teacher by ISTE and Hindustan Lever Award of IChE award for Best Chemical Engineer in 1987.

The main strength of the department is its experienced and dedicated faculty. The department strives continuously to orient its academic resonance to cater the changing outlook of the profession.

7. 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.

8. Computer Science

The Maharaja Sayajirao University of Baroda has always been pioneer in offering new courses and teaching / research facilities in emerging areas of higher education. Commensurate to this tradition 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.

Initially, till the establishment of Department of Computer Science & Engineering as separate entity, the department functioned with the existing Electrical Engineering Department and offered these courses. Since the establishment as separate department in the year 1988 it has been our endeavor to bring excellence in every aspect of development & growth of departmental facilities both in teaching and extra curricular activities. Quality Improvement of the Faculty of our department also was our primary concern.

5. Highlights of the Faculties

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. As of now the department has been mainly focusing on strengthening UG/PG teaching and improving the infrastructure, which has resulted in reaching high degree of acceptance of students by IT industry reflecting almost 100% placement through campus requirement. The Department obtained an ISO 9001 Certification in 2000 and is continued as certified Till Today.

9. Electrical Engineering

Department of Electrical Engineering offers graduate level courses leading to BE (Electrical) & BE (Electronics) and post graduate courses in Automatic Control & Robotics, Microprocessor Systems & Applications, and Industrial Electronics & Electrical Power Engineering. Currently 18 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.

10. Mechanical Engineering

The department of Mechanical Engineering 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 a number of laboratory development programs from time to time for the up-gradation of existing laboratories. Currently, laboratory modernization programs are in progress. We have been actively in association with the neighboring industrial houses through active consultancy and extending its existing testing facilities. A number of research, modernization and development of laboratories are undertaken. Quite a few projects (for research, modernization development of its laboratories) are funded by AICTE, UGC, GEDA, DAE etc.

Key Thrust Areas:

- Thermal Design
- Alternative Energy Sources
- Unconventional Manufacturing Process
- Turbo Machines and Fluid Power Engineering
- Computer integrated manufacturing
- Computer vision application in mechanical engineering
- Computer aided automation
- Computer aided design of machine elements as major thrust areas for further development

Resource Mobilization

- The department is recognized by RTO Vadodara to carry out Rickshaw meter testing. The department has earned Rs. 25,000/- during the financial year 2002-2003
- The department is also recognized for PUC center by Government of Gujarat. It has started testing for two & four wheeler petrol driven vehicles from April 1, 2003
- The department has supersonic wind tunnel supplied by M/S Gilkes, U. K. under UNDP program. It has the capacity to reach Mach no. up to 4.0. This gives us the calibration capacity to reasonably high value of velocities.
- The department regularly carries out Tractor engine testing from the point of view of power outputs. It has the test rig to certify the engine outputs at designated speeds.
- The department has the expertise to impart training in chosen commercially available software such as Pro-E.

5. Highlights of the Faculties

Interactions with Other Departments/ Intra Departmental Support

- Workshop Practice & Engineering Drawing for all Branches in the First Year.
- About 40 Subjects relevant to the Other Departments are offered to Textile Engineering, Textile Chemistry, Electrical and Electronics Engineering, Computer Science, Architecture, Chemical Engineering, Metallurgical Engineering
- Seeks services from Other Departments like Applied Mechanics, Applied Sciences, Applied Mathematics, Electrical Engineering, and Metallurgical Engineering.
- Offers Laboratory Facilities to other Departments:
Advanced CAD/CAM Software (Pro-E, MDT, HTFS)
Enhanced Condenser Tube Test Rig
Electric Discharge Machining, Ultra Sonic Welding
Equipment used in Turbo Machines Laboratory, e.g. Supersonic Wind Tunnel, etc.

11. Metallurgical Engineering

The Department of Metallurgical Engineering is the only Department offering B.E., M.E. and Ph.D. programmes in the field of Metallurgical Engineering in the State of Gujarat. It has well equipped laboratories in the areas like Physical Metallurgy, Corrosion and Surface Protection, Powder Metallurgy, Welding & Foundry Technology, Process Metallurgy and Thin Films. Advanced research facilities such as SEM with EDAX, XRD, Image Analyser, DTA/TGA, Microhardness Testing facility, Induction Melting Unit and full fledged welding facility have been developed in the Dept. through funding from agencies like UGC, DST, CSIR, AICTE, ADI, ARDB, BRNS, MHRD etc. Above equipment are also available to industries for testing and consultancy work and problem solving on chargeable basis. An important milestone in the infrastructure improvement for the department is the acquisition and commissioning of Scanning Electron Microscope with EDAX facility at a cost of Rs. 65 lakhs under the COSIST grant of UGC to the department during the year. The equipment was formally commissioned on 23rd Dec.2002 by the Vice-Chancellor of the University, Prof. K.C. Upadhyaya.

The staff members of the Department are actively engaged in the research activities as a result of which there are several publications in the journals of national and international repute. Over the years the Department has strode 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 (S.A.P.) of U.G.C., Govt. of India, Curriculum Improvement, Strengthening Industry Academia interaction, involvement with local professional bodies like IIM, IIF, IIW, ISNT etc. in organizing symposia, seminars, students programmes etc. and being in rapport with the alumni are some of the significant achievement of the Department.

The one-year period (April 2002 to March 2003) was a hectic period of the Department consequent upon its change in the Headship with effect from 1st Feb. 2002. Significant progress in academic, development as well as non-academic fronts did take place during the period, thus leading to a sizable overall growth of the Department.

On the academic front 2 staff members were awarded Ph.D. Degree, one from M.S. University, Baroda, other from IIT, Mumbai, one Ph.D. thesis submitted to M.S.U., 3 new Ph.Ds were registered, research publications, paper presentations and learned talks delivered by teachers on several forums increased, revised syllabi of P.G. courses implemented, two teachers joined as lecturer in permanent position, Rs. 14.62 lakhs grant-in-aid for two schemes (R & D and MODROBS) was received from AICTE, a sponsored project of Rs. 68,000/- of M/s. ABB Ltd., Baroda was successfully completed, two special talks by eminent metallurgists were arranged, four distinguished scientists visited the Department, in-plant vocational training and industrial visits were arranged for the students.

On development front, the Department joined hands with the Indian Institute of Metals (I.I.M.) Baroda Chapter and Mumbai Chapter in organizing the prestigious annual event, the National Metallurgists Day and The Annual Technical Meeting of the IIM at Baroda. On this occasion, the Department participated in the exhibition and released the printed profile of the Department, the building was given antitermite treatment, two rooms were renovated to house respectively the Scanning Electron Microscope and 12 computers with conference facility. U.G. class rooms have been provided with permanent OHP projection facility, a separate LCD projector is also available. Efforts are being made by the staff members to impart web-based education to the students through the availability of campus internet connectivity in the Dept.

12. Pharmacy

The Department was funded under special Assistance programme Phase-I by the University Grants Commission. Our

5. Highlights of the Faculties

facilities were inspected for instituting subcell of Quality Improvement programme of All India Council for Technical Education. On going center of the Relevance and Excellence in New Drug Delivery Development instituted by TIFAC, Dept of Science and Technology, Govt. of India organized National level seminar on " New Drug Delivery Development" with Alumni association Department organized short term course on "First Aid in March, 2003. Department obtained research funding from AICTE, UGC, and industries over 25 Lacs.

13. Textile Chemistry

Textile chemistry department is one of the oldest department in Faculty of Technology & Engineering, earlier known as "Rangshala". The Department deals with the teaching of wet processing of textiles at various levels. This includes pretreatments, dyeing, printing and finishing processes along with the studies of various textiles fibres, dyestuffs, chemical & auxiliaries and various testing and analytical methods. The basic infrastructure of the department and various facilities available in the department helps to cope up with the changing environmental situations. Teaching on the basis of Industrial approach is also one of the major criteria being observed in this department.

14. Textile Engineering

The Textile Department is the oldest department 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. 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. Text. (Engg) and B. Text. (Tech): 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 has also been focused since 1996. 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.

15. WREMI

The department is leading in research in micro irrigation systems, conjunctive use of surface and ground water, computer aided canal operation and artificial recharge structure. The department has emerged as a leader in watershed development. This fact has been recognized by the Govt. of Gujarat appointing Director of the Institute as a member of District consultative committee. Further, the department of rural development has picked up WREMI for online monitoring of watershed Projects in three districts viz: Vadodara, Panchmahal and Dahod.

FACULTY OF FINE ARTS

Department of Painting :

In the 55 years of its existence, the dept. of painting has gained a reputation of being a professional dept. of higher education. The alumni of the dept. have made a definite mark in the field of visual art and remained in the forefront of the art scene of India. Our mission is to keep the dept. in the vanguard of the education in India by remaining open to new ideas and challenges and grounding students with the maximum possible exposure to the continuous development of the art world as well as the creative potentials of each individual.

Department of Applied Arts :

Department of Applied Arts has earned a name at the National level as one of the best department imparting education in Graphic Design with the latest technology. The students are very enthusiastic and staff is also of exceptional caliber. During the year social awareness campaign /exhibition got a wide publicity in creating awareness in different social issues.

5. Highlights of the Faculties

Department of Museology :

The Dept. was established in 1952. It is the pioneering institution offering Museum studies programme in Asia. Alumni from this department are national and international museum leaders of repute. It has produced so far about 225 museum professionals out of which many have served on distinguished positions in Indian Museums of repute. The department has celebrated its golden jubilee in the year 2002-03. This is the only department in museum profession, which produces professional journal studies in Museology.

Department of Art History :

- Founded in 1971 with introduction of PG programme in 1975
- Three Phases of **UGC-DSA programme**
- Foremost among the only 4 such departments from various universities in India.
- Only Department in India offering Bachelors, Masters and fully developed Ph.D. programme
- Outstanding Faculty profile
- National and International scholars as Visiting Faculties
- Most diverse specialization options offered
- Very good placement track record. Around 80% placed in excellent positions in India as well as in various other countries including USA, UK, AUSTRALIA, JAPAN etc.
- Products of the Department are appointed as Art History teachers in most of the Art Institutes in India offering degree courses
- Number of students pursuing further education abroad in various reputed Institutes
- The only RCC (Refresher Course Center) listed by UGC

FACULTY OF HOME SCIENCE

Department of Clothing and Textiles

Department of Clothing and Textiles offers educational programme leading to B.Sc. (Home), M.Sc. (Home), M.Phil and Ph.D degree. It is the department's endeavour to train students to become professional in various facets of designing, technical skills, academics and research in the field of Clothing and Textiles. The department organized in collaboration with its Alumni Association "Creations" where the students display their creativity to highlight their apparel designing abilities. It also has internship programme which aims at making students self-reliant and gives exposure of the shop floor. The department will now also be shortly starting a UGC approved vocational degree course in Fashion Designing.

Department of Foods and Nutrition

The Department was established in 1950. At its inception 53 years ago it offered only undergraduate training and started off as a small Department with just two staff members and 10 students. However today, it is one of the leading post-graduate institute with a strong component of research up to the doctoral level. The Department has also been selected by the University Grants Commission (UGC) for Special Assistance under Departmental Research Support (DRS). The Department is recognized as a collaborating centre for Nutrition *Research* by the World Health Organization (WHO) and is a member of the South – East Asia Network for Research in Nutrition. It is also recognized by the Government, Ministry of Health and Family Welfare as an institute of Excellence for imparting training to WHO fellows. The courses offered in the department give intensive and extensive theoretical and practical training in three major areas, viz. Nutrition (including public health nutrition and experimental nutrition), Medical Dietetics and Food Science.

As a WHO Collaborating Centre for Anemia Control and Diet Related Non-Communicable Diseases, the Department offered intensive training to WHO Fellows each year in the area of Maternal Child Nutrition & Health and Diet-Related Non-Communicable Diseases.

The Department is also supporting NGOs in their nutrition programs.

5. Highlights of the Faculties

Department of Home Management

The Home Management Department instituted in 1953 offers UG, PG and Doctoral Level programmes. The Ph.D. programme of the department is structured and attracts student coming from different states of India and even out of India. A unique feature of the Home Management Department is the "Residence Course" offered to UG and PG students. It is a homelike simulated laboratory where in the students are given opportunities to exercise their theoretical knowledge related to use of resources, decision making, management, inter personal communication, group living interior design etc.

The department keeps pace with the societal demands in upgrading and modifying its course curriculum from time to time. Recently the course curricula at UG and PG level is revised by the department with the objectives of making it more vocation oriented. The two specialization offered at graduate level are: Interior Design, Hospitality Management with internship to give exposure to vocational opportunities, New pare "Family Economics and Resource Management" and Interior Design" are the two specialization offered at post-graduate level by the department. The successful completion of internship by the PG students has really strengthened the vocational stream of Interior design.

FACULTY OF SOCIAL WORK

The Faculty over and above its regular teaching, training and related work has also provided expertise in the Social Work related areas. Field practice is the core to the discipline of Social Work. Enhancing Social Work practice and training persons to perceive the correct understanding of this field practice, has always been in the work perview of the teaching faculty at the Institute. The Faculty of Social Work was assigned to coordinate earthquake relief and rehabilitation work at Kutchh on behalf of the M.S. University of Baroda. Rs. 10 lacs were allocated for construction of building women empowering station from the employees earthquake relief fund. Prof. Anil Navale and Smt. Anandmala Desai to mobilize another Rs. 10 lacs from N.R.I. settled in USA.

In addition to the representation at the various institutions and programmes, the faculty has initiated Academic - Corporate House interface, to promote the learning of the students of the post-graduate courses. This has contributed in organizing Study Camps on the theme of World Class Management, Workshops and Conventions, for learning adapting better HR practices. Faculty is also been appointed as Counselling Institute for Gujarat State AIDs Control Society, Ahmedabad.

FACULTY OF PERFORMING ARTS

Dept. of Dance: - The Dept of Dance is one of the unique dept which is imparting of Indian classical dances like Kathak and Bharatnatyam, The Dept. having courses in dance from diploma to U.G., P.G. and Ph.D. and P.G. diploma level. It is one of the leading institutions in the training of Indian Classical dance.

Dept of Drama: - The Dept of Drama established in 1950. It is one of the pioneer theatre dept imparting training at University level offering U.G., P.G. degree and Ph.D. Program in dramatics. Over the years it has nurtured a number off artists perusing theatre arts as a profession. The potential training is towards creative performing artists, production/technical designers, theoretician who are able to respond to changing times of the contemporary society. In the last five decades, the dept. is striving hard to achieve a situation of freedom in contemporary expression within an institutional frame work.

Dept of Indian classical Music (Vocal & tabla): - This is the biggest dept in the faculty. Maximum number of student are taking training in the courses like diploma to u.g., p.g. & In Ph.D. programme. Since 1951, number of students are working at various places in India and abroad as artists and teachers of Music.

Dept of Instrumental Music: - The dept. of instrumental Music is only one center, in Western region of India, imparting training of Instrumental Music, like Sitar and Violin, in Indian Classical Music. The Dept Offering Courses like U.G. , P.G. degrees and diploma and Ph.D. Programmes. As other branches of Music slightly turning off the path of Indian classical music, the dept is still a leading pioneer of PURE Indian Classical Music.

5. Highlights of the Faculties

FACULTY OF MANAGEMENT STUDIES

Department of Management Studies has been rated among top 50 management schools in India. It enjoys very good infrastructure, offers a wide array of programme specialisation choices and boasts of very competent faculty.

The Faculty has been rated as the best institution within the Gujarat University system of departments and affiliated colleges offering MBA Programmes. The Department enjoys excellent industry interface and has a 100% placement back record. Its Faculty members are in the Boards of Studies and other academic bodies of several Universities in India. The Department runs a very successful and popular 3-year Evening MBA Programme.

FACULTY OF JOURNALISM AND COMMUNICATION

The constant endeavour at the Faculty of Journalism and Communication is to nurture competent communication professionals with a sense of responsibility. The rush for admission (about 350 to 400 applications every year for 20 seats) shows the positive image. Well qualified core and visiting faculty, a mix of innovative teaching, learning and evaluation methods, interaction with industry, participatory management, hands-on workshops, and excellent placement record are some of the strengths of the Faculty.

POLYTECHNIC

DEPARTMENT OF APPLIED MECHANICS :

This department caters the needs to other departments namely Civil Engg., Mech. Engg., Elec. Engg., and Petrochemical Engg. for various subjects like Engg. Mechanics I & II, Strength of Materials - I & II, Mechanics of Structures - I & II, S.D.D. & II and Soil Mechanics Engineering.

DEPARTMENT OF APPLIED CHEMISTRY :

The Department of Chemistry is academically a part and parcel of Applied Chemistry Department, Faculty of Technology and Engineering. An Engineer without knowledge of Chemistry is not a real technologist. Chemistry is taught at all branches of Diploma Engineering. The intake capacity of students in each branch is nearly 120 excluding Petrochemical Technology Department (PCT). The intake capacity of students for PCT Department is nearly 45. Chemistry subject is taught for 2 years in PCT and one year in other diploma courses i.e. Civil, Mechanical and Electrical Engineering (CME).

DEPARTMENT OF CIVIL ENGINEERING :

The department has recently updated its teaching and examination scheme. Included a subject of Computer Application - I at First Year level. The department has established a well developed computer laboratory.

DEPARTMENT OF ELECTRICAL ENGINEERING :

The Electrical Engineering Department at Polytechnic, M.S.U. offers courses of Diploma in Electrical Engg. for X and XII passed students and Diploma in Information Technology to XII passed students. The total intake is 90 seats for X passed students, 70 seats for XII passed students in Electrical Engg. and 60 seats for XII passed students in Information Technology. IT also offers a part-time Diploma Course (4 years) for qualified working person in Industry with an intake of 65 seats.

Various companies are invited for placement of students by the department. Seminar, training and study tours are arranged for students for imparting them practical knowledge.

The department has well equipped computer laboratory with latest 35 computer with networking faculty to meet the needs of the students.

5. Highlights of the Faculties

DEPARTMENT OF MATHEMATICS :

Mathematics is the basic science and is the foundation for all branches of engineering and modern technology. Without proper knowledge of mathematics a student may not excel in perfecting the technology. Therefore the role of mathematics plays vital role in engineering education.

The Department of Mathematics in Polytechnic offers various topics for each discipline of engineering, including information technology.

DEPARTMENT OF MECHANICAL ENGINEERING :

Mechanical Engineering Department at Polytechnic, M.S.U. offers courses of Diploma in Mechanical Engineering for X passed & XII passed students. It also offers part time diploma known as "Extended Diploma Course" for qualified working persons in industry. Apart from this it offers a Post Diploma course on "Refrigeration & Air Conditioning" for students holding the diploma in Mechanical Engineering.

DEPARTMENT OF PETROCHEMICAL TECHNOLOGY :

The department of Petrochemicals Technology (Chem. Engg.) which is academically part and parcel of Chem. Engg. Department at Faculty of Technology and Engg. of 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 and the laboratories of Petroleum Refining and four Chemical Engineering Laboratories were established in the year 1990.

Fresh Xth Gujarat S.S.C. Board examination passed students are admitted to this course. The total intake is 45 students at the first year level with reservation admission given as per the Government norms.

At the final year level the students are sent to various chemical industries in and around Baroda for six weeks industrial training.

BARODA SANSKRIT MAHAVIDYALAYA

The Baroda Sanskrit Mahavidyalaya is the only institution as such in Gujarat which teaches Sanskrit in B.A. and M.A. levels in the medium of Sanskrit in different branches i.e., vedanta, nyaya, sahitya, jyotisha, karmakanda, vastushastra, manuscriptology (Post-graduate course) and vedas. It is an institution which functions under the M.S. University of Baroda with a status of the Dept. (Traditional Sanskrit Studies).

M.K. AMIN ARTS & SCIENCE COLLEGE AND COLLEGE OF COMMERCE, PADRA

M.K.Amin College, Padra is a constituent College of M.S. University of Baroda conducting degree courses in B.A. and B.Com. in synchronization with the respective Departments and Faculties at Baroda. The College offers Economics, History & Hindi as Major as well as several other Optional/Minor subjects for the B.A. course. For the B. Com. Courses, Accounting & Auditing is offered as a special subject.

The College has a good library, a strength of 20 permanent teaching staff, a department of Physical Education with facilities for various games. NCC (Army Wing) functions having about 50 cadets under a Second Lieutenant.

The following Gold Medals are awarded to the best regular student of the college each year.

- 1) Shri. Rameshchandra Trikamlal Shah and Shrimati Indiraben R. Shah of Padra Gold Medal
- 2) Shri. M. K. Amin Memorial Gold Medal.

5. Highlights of the Faculties

CONTINUING ADULT EDUCATION

The Centre has been offering various Part Time Long Term and Short Term Course for youth, women and Adults. These programmes are provided under three dimensions.

- a- Continuing Education Programmes
- b- Adult Education Programmes
- c- Extension Education Programmes (Community based)

In addition, the Centre is running four Research Projects and Training Programmes for Women's Development. These courses are most suited to the needs and requirements of various functional groups ranging from Skill Development, Language Development, Personal Grooming and Information Technology.

6. Faculty of Arts

I. (A) PUBLISHED BOOKS, (B) MONOGRAPHS (C) EDITED VOLUMES* (D) OTHERS

Sr. No.	Name(s) of Author(s)	Title of Book/Monograph/ Edited Volume/others	Details of Publication
Department of English			
1.	Parikh, B. A.	The Fiction of Anita Desai, Toni Morrison, Nayantara Sahgal and Alice Walker	Vadodara: The Maharaja Sayajirao University of Baroda, 2002, pp. 135.
Department of Gujarati			
1.	Bhogayata, J. K. & Patel, M.	Sannidhan Kala Mimansa	Ahmedabad: Parshva Prakashan, 2002.
2.	Mehta, B.	Arnold no Kavyavichar	Ahmedabad: Parshva Prakashan, 2002.
		Gyanpeeth Puraskrut Navaikatha	Gandhinagar: Gujarat Sahitya Akademi, 2002.
3.	Panchal, S., et al.	Vismi Sadinu Gujarat	Vadodara: Samvad Prakashan, 2002, pp. 450.
Department of Hindi			
1.	Chaturvedi, V. P.	Virat Dohavali	Vadodara: Katara Prakashan, 2002pp. 98.
		Dhumravan se Laut Aayi	Vadodara: Gujarat Hindi Pracharini Sabha, 2002 pp. 100.
		Hath se Chhute Kabutar	Vadodara: Gujarat Hindi Pracharini Sabha 2002
2.	Shukla, I. D.	Darwaje hi Darwaje	Darpan Publications, 2003, pp. 94.
Department of Marathi			
1.	Kamat, M. G.	Abhiruchi-Suchi (Badoda -Kalkhand)	Pune: Padmagandha Prakashan, 2003, pp. 112.
Department of Sanskrit, Pali & Prakrit			
1.	Jani, J.	Savitri Shatakam (A Century of 101 verses on Savitri) with Commentary in Sanskrit	Vadodara: Savitri Prakashan, 2002, pp. 135.
2.	Joshi, L. M., et al.	Class -VII Sanskrit Text Book	Gandhinagar: Gujarat State Text Book Board, 2002.
3.	Panda, R. G.	Satadalam – A Collection of Sanskrit Poems	Paramamitra Prakashan, 2002, pp. 177.
		Studies in Vedanta Philosophy	Delhi: Bharatiya Kala Prakashan, 2002.

6. Faculty of Arts

II. PUBLISHED ARTICLES/PAPERS IN JOURNALS

Sr. Author(s) No.	Title	Name of the Journal, Volume Number/ Part, Page Numbers, Date and Year
Department of Archaeology and Ancient History		
1.	Bhan, K. K., Vidale, M. and Kenoyer, J.M.	Some Important Aspects of the Harappan Technology
		<i>Indian Archaeology in Retrospect: Protohistory - Archaeology of the Harappan Civilization</i> , Vol.2, S. Settar & R. Korisettar (eds.), New Delhi: ICHR and Manohar Publication, 2002, pp. 223-271.
2.	K. Krishnan	Studies in Harappan Technology
		<i>Recent Studies in Indian Archaeology</i> , K. Paddayya (ed.), ICHR Monograph Series 6, New Delhi: Munshiram Manoharlal Publishers Pvt Ltd, 2002, pp. 349-366.
		A Survey of Ceramic Analysis with Special Reference to Pottery
		<i>Indian Archaeology in Retrospect: Prehistory - Archaeology of South Asia</i> , Vol 1, S. Settar & R. Korisettar (eds.), New Delhi: ICHR and Manohar, 2002, pp. 377-387.
3.	Menon, J.	Mobility and Craft Production
		<i>Mobile and Marginalized People: Perspectives from Past</i> , R. C. Heredia & S. F. Ratnagar (eds.), New Delhi: Manohar, 2003, pp. 89-120.
4.	P. Ajithprasad	The Pre-Harappan Cultures of Gujarat
		<i>Indian Archaeology in Retrospect, Protohistory - Archaeology of the Harappan Civilization</i> , Vol 2, S. Settar & R. Korisettar (eds.), New Delhi: ICHR and Manohar Publication, 2002, pp. 129-158.
		The Mesolithic Culture in the Orsang Valley, Gujarat
		<i>The Mesolithic Culture</i> , V. D. Misra & J. N. Pal (eds.), Allahabad: Allahabad University, 2002, pp. 154-189.
5.	Patel, A. K.	From Mehrgarh to Harappa and Dholavire: Prehistoric Pastoralism in North-Western South Asia through the Harappan Period
		<i>Indian Archaeology in Retrospect, Prehistory - Archaeology of South Asia</i> , Vol 1, S. Settar & R. Korisettar (eds.), New Delhi: ICHR and Manohar Publication, 2002, pp. 391-408.

6. Faculty of Arts

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| 6. | Sen, S. | A Preliminary Report – On Nani Rayan: An Early Historic Site | Tribune Heritage Governance Equity – Honourable T. N. Caturvedi Sestschist, Vol 4, A. Prasad & Shalini (eds.), Delhi: Agankala Prakashan, 2002, pp. 1047-1057. |
| 7. | Sonawane, V. H. & Majumdar, A. | Post-Urban Harappan Culture in Punjab, Harayana and Uttar Pradesh | <i>Indian Archaeology in Retrospect, Prehistory – Archaeology of South Asia</i> , Vol 1, S. Settar & R. Korisettar (eds.), New Delhi: ICHR and Manohar Publication, 2002, pp. 239-252. |
| | Sonawane, V. H. | Post-Urban Harappan Culture of Gujarat | <i>Indian Archaeology in Retrospect, Protohistory – Archaeology of the Harappan Civilization</i> , Vol 2, S. Settar & R. Korisettar (eds.), New Delhi: ICHR and Manohar Publication, 2002, pp. 159-172. |
| | | Mesolithic Culture of Gujarat | <i>Mesolithic India</i> , V. D. Misra & J. N. Pal (eds.), Allahabad: Allahabad University, 2002, pp. 104-153. |
| | | A Note on Two Gold Bracelets from Somnath | <i>Pragdhara</i> , No. 12, 2001-2002, pp. 177-180. |
| | | Harappan Civilization: Post-Urban Phase | <i>Recent Studies in Indian Archaeology</i> , K. Paddayya (ed.), ICHR Monograph Series 6, New Delhi: Munshiram Manoharlal Publishers Pvt Ltd, 2002, pp. 140-156. |
| | | Rock Art of India | <i>Recent Studies in Indian Archaeology</i> , K. Paddayya (ed.), ICHR Monograph Series 6, New Delhi: Munshiram Manoharlal Publishers Pvt Ltd, 2002, pp. 266-294. |
| | | Archaeology of Gujarat: A General Review (in Gujarati) | <i>Twentieth Century Gujarat</i> , S. Panchal, et al. (eds.), Vadodara: Samvad Prakashan, 2002, pp. 189-203. |

6. Faculty of Arts

Department of English

1. Pandya, S. P. The Personal and the Political : Shyam Selvadurai's *Funny Boy* *Littcrit : Indian Response to Literature*, Issue 53, Vol. 28, No. 1, 2002, pp. 41-48.

Department of Gujarati

1. Bhagat, N. Pravin Darji: Rastao... Rastao..., a Critical Study *Buddhiprakash*, 2003.
Digish Mehta's Creative Essay Work *Etad*, 2003.
2. Bhogayata, J. K. Ek Shodhanibandh manthi pasar thavana anubhav vishe *Khevna*, No. 76, Oct-Dec, 2002.
Kavyapriti ane Abhyasanishthano yog *Pratyaksha*, Jan-Mar, 2003.
3. Mehta, B. Manto ne Vartakala *Farbus*, Jul-Sep, 2002, Oct-Dec, 2002.
'Munjaro' (stories) : Dalpat Chauhan *Pratyaksha*, Mar, 2003.
4. Panchal, S. Gujarati Sahitya *Vismi Sadinu Gujarat*, S. Panchal, et al. (eds.), Vadodara: Samvad Prakashan, 2002, pp 157-188.

Department of Hindi

1. Desai, P. K. Bharat ka Bhavishya : Meri Drashti Mein *Rachnakarma*, Vol. 1, Jan-Mar, 2003, pp. 45-47.
Dharma aur Rajniti *Rachnakarma*, Vol. 1, Jan-Mar, 2003, p. 52.
2. Kahar, B. N. Lok Geeto ka Shailpik Vaibhav *Lok Geet ki Satta*, S. Gautam (ed.), 2002, pp. 91-110.
Vyang ke Gulebaaz Dr. Parmeshwar ki Vyang Kavitaen *Vyang ke Purodhar Dr. Parmeshwar Goyal*, 2003, pp. 162-178.
3. Shukla, I. Acharya Hajari Prasad Dwivedi ke Upanyaso mein Nari Soundarya *Hindi Anusheelan*, No. 3-4, Dec, 2002, pp. 88-95.

Department of History

1. Bajpai, G. Colonialism and Emigration : The movement of People from North India to Trinidad, 1870-1900 *History Today*, Journal of Indian History and Culture Society, No. 3, pp. 81-85.
2. Hans, R. & Macwan, S. Dalit Christains in Bhalej, Gujarat *Local Dalit Christain History*, G. Vommen and J. Webster (eds.), 2002, Delhi.

6. Faculty of Arts

Department of Library and Information Science

1. Rajaram, S. The Status of Books in the Foreseeable Future *Library Herald*, Vol. 40, Jun, 2002, pp. 99-105.

Department of Persian, Arabic and Urdu

- Factors Affecting Human Relations in Interaction with Users in Libraries *Library Herald*, Vol. 41, Mar, 2003, pp. 1-11.

1. Ahmad, M. Mubarrad *Gujarati Vishwakosh*, Vol. 16, Ahmedabad, Aug, 2002, p. 246.

Department of Philosophy

- Injil-e-Barnabas ka Tahqiqi Jazeh *Khuda Bakhsh Library Journal*, Vol. 131, Jan-Mar, 2003, pp. 61-92.

1. Nigoshkar, Y. G. Non-violence: Some Reflections *Pathway to God*, Vol. 37, No. 2, Mar-Apr, 2002, pp. 52-56.

2. Vyas, N. J. Ahimsano Adarsh Ane Samajik Prastuta *Swadhyaya*, Jan, 2003.

Department of Political Science

1. Patel, P. M., et al. Advantage BJP: The Findings of the Pre-Poll Survey done in Gujarat by the CSDS *Frontline*, 19(25), Dec, 2002.

Department of Sanskrit, Pali & Prakrit

1. Jani, J. Traces of Somanatha in Rigveda *Samipya*, Journal of B.J. Institute of Indiology, Oct, 2002 – Mar, 2003.

2. Joshi, L. M. Indian Concept of Dharma *Journal of the Oriental Institute*, 2002.

Jyotish-shastra ki Vedangata *Pradip*, Journal of Indological Research Institute, Jan, 2003.

Manavjivansukhsamvardhakam Sanskrit Sahityam *Surbharati*, 2003.

3. Panda, R. G. Biographical Poems in Sanskrit: A Glance *Sri Venkateshwara University Oriental Journal*, Vol. XLV, 2002, pp. 1-25.

The Philosophy of Ramanuja: Some Salient Features *Studies in Vedanta Philosophy*, R. G. Panda (ed.), Delhi: Bharatiya Kala Prakashan, 2002.

Nyaya System of Logic: A Methodological Perspective *Vanijyoti*, Vol. 9, Feb, 2003, pp. 80-90.

4. Pandya, B. P. Adhidaivik Vrajayatra *Pushti-Prajna*, Vol. 5, Sep-Oct, 2002, pp. 9-10.

6. Faculty of Arts

III. PAPERS PRESENTED AT INTERNATIONAL/NATIONAL/STATE LEVEL SEMINARS/ CONFERENCES, ETC.

Sr. No.	Author(s)	Theme, Organizing Body, Place and Date of Seminar/Conference	Title of Paper	Published Unpublished
Department of Archaeology & Ancient History				
1.	Bhan, K. K. & Gowda, D.	Annual Conference of ISPQS, The State Institute of Archaeology, Tripunithura, Kerala, Dec 19-20, 2002.	Shell working at Nagwada (North Gujarat) with specific reference to Shell Industries of the Harrappan Tradition in Gujarat	Unpublished
2.	Sonawane, V. H.	Workshop on 'Underwater Archaeology', National Institute of Ocean Technology, Chennai, Jul 1, 2002.	Meoslithic Culture of Gujarat	Unpublished
		Seminar on 'Mewad through the Ages', Institute of Rajasthan Studies, Udaipur, Jul 9-11, 2002.	Upper Palaeolithic Engraved Core from Chandravati, Rajasthan	Unpublished
		Workshop on 'Rock Art Inventorization', Indian National Trust for Art & Cultural Heritage (INTACH), New Delhi, Sept 25-26, 2002.	Nature and Location of Rock Art Sites of Gujarat	Unpublished
		Joint Annual Conference of IAS, ISPQS, and IHCS, Tripunithura, Kerala, Dec 19-22, 2002.	Excavation at Bagasara 2002-2003: A Preliminary Review	Unpublished
		Indian History Congress 63 rd session held at Amritsar, Punjab from 28 to 30 December 2002.	Rock Art of India : A Historical Perspective	Unpublished
		7 th Annual Conference of Rock Art Society of India, organized by the Government of Chhattisgarh, Raipur, Feb 27-Mar 1, 2003.	Delivered Dr. V. S. Wakankar Memorial Lecture	Unpublished
		National Seminar on ' Rock Art Research in India and Pioneering Role of the Asiatic Society of India', organized by Asiatic Society of India and Indira Gandhi Rashtriya Manav Sangrahalaya, Bhopal, at Kolkata, Mar 24- 25, 2003.	Rock Art & Tribal Art : A Synthesis	Unpublished

6. Faculty of Arts

Department of Economics

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|----|--------------------------------|--|--|-------------|
| 1. | Mehta, A., Naik, U. & Iyer, R. | International Seminar on 'Immigration to Canada: Policies, Mainstreaming Gender Perspectives and Implications', organized by Women's Studies Research Centre and Centre for Canadian Studies. M. S. University of Baroda, Vadodara Jan 16-18, 2003. | Immigration to Canada : A Human Capital Perspective | Unpublished |
| 2. | Nanavati, A. U. & Naik U. M. | International Seminar on 'Immigration to Canada: Policies, Mainstreaming Gender Perspectives and Implications', organized by Women's Studies Research Centre and Centre for Canadian Studies, M. S. University of Baroda, Vadodara, Jan 16-18, 2003. | Labour Market Experiences of Immigrants in Canada | Unpublished |
| 3. | Rao, A. S. | International Seminar on 'Immigration to Canada: Policies, Mainstreaming Gender Perspectives and Implications', organized by Women's Studies Research Centre and Centre for Canadian Studies M. S. University of Baroda, Vadodara, Jan 16-18, 2003. | Labour Migration Composition and Determinants: An Econometric Analysis | Unpublished |

Department of English

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|----|---------------|--|--|-------------|
| 1. | Achar, D. | National Workshop on 'Philosophical Foundations of the Discourses of Sciences', organized by Forum on Contemporary Theory, M.S. University of Baroda, Vadodara, Oct 29-31, 2002. | Race & the Disciplinary Beginnings of Anthropology | Unpublished |
| 2. | Ansari, M. T. | 'Postcolonialism: Theories and Dilemmas' organized by ICSSR, New Delhi, and School of Social Sciences, M.G. University, Kottayam, Feb 26-28, 2003. | Living with(out) Modernity : A Minor Response | Unpublished |

6. Faculty of Arts

3.	Pandya, S. P.	III Asia Pacific & XIX IACS International Conference on 'Globalisation and Consumerism: Canadian Studies in the Asia Pacific Context', Centre for Canadian Studies, University of Mysore, Mysore, Jan 9-13, 2003.	Literary Power / Empowerment : A Case Study of Toronto-South Asian Review	Unpublished
4.	Parikh, B. A.	Scholar's Weekly Seminar at Indian Institute of Advanced Studies, Shimla, Apr 26, 2002.	Train to Pakistan : Humanity at Stake	Published

Department of German

1.	Natarajan, M. K.	Workshop on 'Teaching Methods', organized by Goethe Society, Baroda, for internal teachers, Department of German, M.S. University of Baroda, Vadodara, Dec 26-28, 2002.	Literature Didactics in the Indian context	Unpublished
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Department of Gujarati

1.	Bhagat, N.	State Level Seminar, Bharuch.	Fiction of K. M. Munshi	Unpublished
2.	Bhogayata, J. K.	Gujarati no Adhyapakasangha, Mumbai, Jan 2003.	Kavyabani: A Critical Study	Published
3.	Mehta, B.	Seminar on 'Teaching of Literary forms', organized by Akshara and Gujarat Sahitya Akadami, Dec 14-15, 2002.	Mukundray : A Case Study	Published
		Novel, Bombay University, Mumbai, Feb 15, 2003.	Tamas: A Critical Study	Published
		19 th Century and Literature, Saurashtra University, UGC, Dec 25-27, 2002.	Sudharakyug	Unpublished

6. Faculty of Arts

Department of Hindi

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|----|---------------|--|---|-------------|
| 1. | Shukla, I. D. | Hindi Gadhya ki Vividh Vidhaen, Bharatiya Hindi Parishad, Gorakhpur, Oct 12-13, 2002. | Aacharya Hajari Prasad Dwivedi ke Upanyaso men Nari-Saundarya | Published |
| | | Hindi Bhasa Sahitya mein Mahilao ka Yogadan, Gujarat Vidyapeeth, Ahmedabad, Feb 24-26, 2003. | Swatantrya Purva ki Kuch Alpagyat Kaviyitriyan | Unpublished |

Department of History

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|----|--------------------------|--|---|-------------|
| 1. | Awasthi, A. & Vaidya, M. | Indian History Congress, 63 rd Session, Amritsar, Dec 28-30, 2002. | Baroda Grown Opium: A case Study of Anglo-Gaikwad Relations (1813 to 1893) | Unpublished |
| 2. | Bajpai, G. | International Seminar on 'Immigration to Canada: Policies, Mainstreaming Gender Perspectives and Implications', organized by Women's Studies Research Centre and Centre for Canadian Studies. M. S. University of Baroda, Vadodara, Jan 16-18, 2003. | Of Indian Female Indentured Labour and the Church's Net in British Trinidad: From the Diary of Canadian Presbyterian Missionary, Reverend John Morton, 1868-1914. | Unpublished |
| 3. | Hans, R. K. | ICHR Seminar on 'Region, Realm and Culture: The Identity of Gujarat and Identities in Gujarat', Department of History, M.S. University of Baroda, Vadodara, Jan 9-11, 2003. | Aspects of the Cultural Identity of Gujarat: A Comparative View | Unpublished |
| 4. | Parikh, V. | Indian History Congress, 63 rd session, Amritsar, Dec 28-30, 2002. | Pithora: Survey of a Living Socio-Cultural Tradition in Gujarat | Unpublished |
| | | ICHR Seminar 'Region, Realm and Culture: The Identity of Gujarat and Identities in Gujarat', Department of History, M. S. University of Baroda, Vadodara, Jan 2003. | Sacred Horses: A Living Tradition in Gujarat | Unpublished |
| 5. | Shah, R. J. | West Zone Seminar on 'Historical Application in Tourism', Department of History, Bhavnagar University, Bhavnagar, Mar 22-23, 2003. | Tourism: Definition and Regulations | Unpublished |

6. Faculty of Arts

Department of Linguistics

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|----|----------|---|--|-------------|
| 1. | Bhan, S. | National Seminar on 'Multilingualism', organised by CAS in Linguistics, Osmania University, Hyderabad, Jan 4, 2003. | Lexical Semantic Impairment in Bilingual Anomic Aphasics | Unpublished |
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Department of Marathi

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|----|----------------|---|---|-------------|
| 1. | Karandikar, S. | Refresher Course, Marathi Academic Staff College, Goa University, Goa, Oct 11- Nov 1, 2002. | Analysis of Social Life in 'Chakra' Novel | Unpublished |
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Department of Philosophy

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|----|------------------|--|--|-------------|
| 1. | Nighoskar, Y. G. | All India Philosophical Congress session, Udaipur, Oct. 24- 27, 2002. | Truth: Whether Objective | Unpublished |
| | | National Workshop on 'Philosophical Foundations of the Discourses of Sciences', organized by Forum on Contemporary Theory, M.S. University of Baroda, Vadodara, Oct 29-31, 2002. | Scientific Development and Moral Apprehensions | Unpublished |
| | | International ICPR Seminar, New Delhi, Mar 29- 31, 2003. | Philosophy with Science & Maths | Unpublished |
| 2. | Vyas, N. J. | Seminar on 'Philosophy, Religion and Science in Gujarati Language and Literature', CSC, ICPR, New Delhi, Sept. 23-27, 2002. | Lakulish Tradition in Gujarat | Unpublished |
| | | 'Religions meet Religions', Free University, Amsterdam, Nov 1- 4, 2002. | Hinduism & Buddhism as Ways of Faiths | Unpublished |
| | | International Seminar on Anekantavada, Jain Vishwavidyalaya, Ladnun, Dec 6-9, 2002. | Anekantavada: A Way towards Religious Harmony | Unpublished |
| | | National Seminar on 'Value Education', Regional Institution of Education, Ajmer, Feb 25-27, 2003. | The Educational Dilemma & the Indian Vision | Unpublished |

6. Faculty of Arts

Department of Political Science

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|----|----------------|--|---|-------------|
| 1. | Anadkat, N. K. | National conference on 'The Sardar Today', Sardar Patel Centre, Oct 29, 2002. | Sardar Patel and International Order | Unpublished |
| | | National Seminar on 'India-Pakistan relations in the Post-Pokharan II Phase', Department of Political Science, Gujarat University, Ahmedabad, Mar 27-28, 2003. | Nuclearised South Asia and Indo-Pak Relations | Unpublished |
| 2. | Chatani, L. C. | National Seminar on 'Reflections on Political Theory in India', Advanced Programme of Social & Political Theory, CSDS, New Delhi, Dec 12-14 2002. | Some Reflections on the State and Political Theory in India | Unpublished |
| | | National Seminar on 'Problematics of the Self in Multiculturalism', IRIS, Dec 27-30, 2002. | Problematizing the Self for Our Multicultural Politics | Unpublished |
| | | UGC-SAP National Seminar on 'Reinventing Political Theory in an Era of Globalization', Department of Political Science, University of Hyderabad, Hyderabad, Jan 3-4, 2003. | The Public-Private Separation: An Attempt at Renegotiation | Unpublished |
| 3. | Dholakia, A.R. | National Seminar on 'India-Pakistan relations in the Post-Pokharan II Phase', Department of Political Science, Gujarat University, Ahmedabad, Mar 27-28, 2003. | Domestic Constraints on India-Pakistan Conflicts | Unpublished |
| | | National Seminar on 'Social Crisis & Educational Research', Centre for the Advanced Study in Education, M. S. University of Baroda, Vadodara, Mar 2003. | Nature of Social Crisis | Unpublished |

6. Faculty of Arts

		South Asia Regional Conference on 'Teachers of International Relations in South Asia', USEFI, Goa, Dec, 2002.	Improving the International Studies in India	Unpublished
4.	Mavalankar, A. P.	International Seminar on 'Constructing Identities: Local and Global', The 5 th International Convention of the Forum on Contemporary Theory, Shillong, Dec 15-18, 2002.	The Question of Identity in the Globalised World	Unpublished
		National Seminar on 'Indo-Pak Relations', Department of Political Science, St. Francis de Sales College, Nagpur, Jan 7-8, 2003.	Indo-Pak Trade and Economic Relations	Unpublished
5.	Patel, P. M.	'Deliberative Democracy: Negotiated Development: Prospect for Multi-Stateholder Platforms (MSPS) in Water Resources Management in India', organized by IWEG, Wageningen University, the Netherlands, held at NIRD, Hyderabad, Feb 3-5, 2003.	Concept and Practice of Deliberative Democracy: Exploring the Prospects of Negotiated Water Resources Governance in India	Unpublished

Department of Russian

1.	Dasgupta, D.	'Russian Language Teaching in India', Regional Conference of Teachers of Russian from the Western Region of India, Cultural Centre of the Russian Embassy, Mumbai, Nov 16-17, 2002.	Socio Cultural Component in Foreign Language Teaching	Unpublished
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6. Faculty of Arts

Department of Sanskrit

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|----|--------------|--|--|-------------|
| 1. | Joshi, L. M. | Afnual Conference of All Gujarat University & College Sanskrit Teachers Association, Sherdapeeth, Dwarka, Mar 14-16, 2003. | An Introduction to Sanskrit Lyrical Poems of Pandit M.V. Upadhyaya | Unpublished |
| | | National Seminar on 'Philosophy, Religion, Society and Science in Gujarat and Gujarati Literature (1200 A.D. to 2000 A.D.)', Indian Council of Philosophical Research, New Delhi, Apr 5-6, 2002. | Shaktism in Gujarat and Gujarati Literature | Unpublished |
| | | National Seminar on 'Education and Challenges in Present Times', Vidyabharti, Gandhinagar, Oct 19-20, 2002. | Role of Sanskrit in Present Education System | Unpublished |
| 2. | Panda, R.G. | National Seminar on 'Modern Sanskrit Literature: Positions and Trends', St. John's College, Agra, Oct 8-9, 2002. | Some New Trends in the Poetry of Twentieth Century | Unpublished |
| | | All India Kalidasa Samaroha, Kalidasa Samati, Vikram University, Ujjain, Nov 15-21, 2002. | Philosophy of Karma in the Kavyas of Kalidasa | Unpublished |
| | | All India Oriental Conference, 41 st session, Puri, Dec 14-16, 2002. | Citations of Bhavabhuti in the Rasavnavasudhakara | Unpublished |

Department of Sociology

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|----|------------|---|---|-------------|
| 1. | Jha, M. V. | The Fifth International Conference on 'Constructing Identities: Local and Global', organized by Forum on Contemporary Theory, M. S. University of Baroda, and CIEFL, Shillong, Dec 15-18, 2002
National Seminar on | Identity and Recognition in Fragmented Societies: Diversity Management in India and Switzerland | Unpublished |
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6. Faculty of Arts

		'Language, Literature and Sociology', organized by Department of English, University of Bombay, Mumbai, Feb 26-27, 2003.	Dimensions of Ethnicity in Sociological Literature	Unpublished
2.	M. Sreedevi Xavier	X Conference of The Gujarat Sociological Society, Shamalaji Arts College, Nov 23-24, 2002.	The Vanishing Forms of Tribal Art : A Study of Lambadas of A. P.	Unpublished
3.	N. Rajaram	'Rethinking Sociology: The Indian Context', Seminar in Honour of Professor T. K. Dommen, Centre for the Study of Social Systems, JNU, New Delhi, Oct 21-23, 2002.	Identity in a Divided Society: An Analysis of Central Gujarat	Unpublished

(IV) TALKS OF ACADEMIC NATURE IN PROFESSIONAL PROGRAMMES

Sr. No.	Name(s)	Nature of Professional Programmes	Title	Pracipated as
Department of Archaeology & Ancient History				
1.	Bhan, K. K.	Refresher Course in History, Department of History, M.S. University of Baroda, Vadodara.	(1) Past and Present: Stone Bead Making (2) Harappan Gujarat	Resource Person
		Institute of Archaeology, New Delhi, Excavation camp at Hathab, Bhavnagar.	(1) Shell Industries of Gujarat (2) History of Bead making in India (3) Late Harrappan Gujarat	Guest Lecturer
2.	K. Krishnan	Refresher Course in History, Department of History, M. S. University of Baroda, Vadodara.	(1) Artifact Analysis and Interpretation- I (Method of Studying Stone Age Cultures and Their Environment) (2) Artifact Analysis and Interpretation- II (Method of Studying Ceramics – Archaeological, Ethno-graphic and Scientific Analysis) (3)Artifact Analysis and Interpretation- III (Method of Studying Ancient Metallurgy)	Resource Person

6. Faculty of Arts

	Deccan College Post Graduate and Research Institute, Pune.	(1) Introduction to Ceramic Petrology	Guest Lecturer	
	Institute of Archaeology, ASI, Delhi, Excavation camp at Bhavnagar.	(1) Artifact Analysis with special reference to Ceramics Petrology (2) Scientific Analysis of Ceramics: Methodological Issues (3) Reconstructing Harappan Ceramic Technology Using Scientific Analysis Methods	Guest Lecturer	
3.	P. Ajithprasad	Post – Graduate Diploma in Archaeology, Institute of Archaeology, ASI, GOI, Series of three lectures to the students, trainees of the Institute/course.	(1) Recent Trends in the Stone Age Prehistoric Studies in Gujarat (2) A Review of the Pre-Harappan Cultures of Gujarat (3) Excavation Strategies with reference to Bagasara Excavation	Invited Speaker
	Talk given to Marketing Management Graduate Students, Faculty of Commerce, Department of Archaeology, M.S. University of Baroda, Mar 15, 2003.	The Indus Valley Civilization and its Legacy	Invited Speaker	
4.	Sonawane, V. H.	Refresher course, Centre for Research and Training in History, Archaeology and Palaeoenvironment, New Delhi, Jun 25, 2002.	(1) Ancient Technologies (2) Rural Harappan Settlements of Gujarat.	Resource Person
	Refresher course, Department of Geography, M. S. University of Baroda, Vadodara, Jun 12 & Jun 15, 2002.	(1) Settlement and Land Use Pattern during Prehistoric Period (2) Harappan Settlements of Gujarat	Resource Person	
	Refresher course in History, Department of History, M. S. University of Baroda, Vadodara, Sept 11 & Sept 13, 2002.	(1) Rol of Archaeology in Understanding of History (2) Harappan Culture of Gujarat	Resource Person	

6. Faculty of Arts

Department of Economics

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|----|-----------------|--|---|--|
| 1. | Joshi, P. R. | S. Y. B. B.A. Programme, Faculty of Commerce, M. S. University of Baroda, Vadodara. | Quantitative Methods in Economics | Visiting Faculty |
| 2. | Kantawala, B.S. | Ishwarbhai Ambalal Patel Visiting Profession Programme, S.P. University, Vallabh Vidyanaagar.

Bhavnagar University. | WTO and the Indian Economy

Trade Liberalization in India | Invited Speaker

Invited Speaker |
| 3. | Nanavati, A. U. | Women's Studies Research Centre, M. S. University of Baroda, Vadodara, Aug 26, 2002. | Gender & Economics | Resource Person |
| 4. | Rao, A. S. | Evening MBA Programme, M. S. University of Baroda, Vadodara. | Quantitative Methods | Resource Person |

Department of English

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|----|---------------|--|--|--------------------------------------|
| 1. | Achar, D. | UGC Sponsored Orientation Course in Women's Studies at WSRC, M. S. University of Baroda, Vadodara. | Women's Writing & the Literary Canon | Invited Speaker |
| 2. | Pandya, S. P. | 7 th Annual Workshop of Forum on Contemporary Theory, M. S. University of Baroda, Vadodara, Oct 29-31, 2002. | Chaired a session | Chair-person |
| 3. | Parikh, B. A. | Post-Graduate Programme, IGNOU, M. S. University of Baroda, Vadodara, Oct 18, 2002.

Gujarat Sahitya Akademi, Gandhinagar and Department of Gujarati, School of Languages, Gujarat University, Feb 14, 2003. | The Prime of Miss Jean Brodie: Muriel Spark's Novel and its Implications

Charles Dickens' A tale of two Cities: A Novel in Contemporary Context | Resource Person

Guest Speaker |

6. Faculty of Arts

	PG Course, IGNOU, M. S. University of Baroda, Vadodara, Mar, 2003.	Shakespeare's A Midsummer Night's Dream	Resource Person & Counselor	
Department of German				
1.	Natarajan, M. K.	UGC Refresher Course in German, CIEFL, Hyderabad, Jan 9-11, 2003.	Six lectures on 'Literature and Didactics'	Resource Person
Department of Gujarati				
1.	Bhagat, N.	Refresher Course, Department of Gujarati, M. S. University Baroda, Vadodara.	(1) The Relationship between Literature & Philosophy (2) Mahimchi Khadi: A Critical Study (3) Outsider: A Critical Study	Resource Person
2.	Mehta, B.	Lecture, Garda College, Navsari, Feb 10, 2003.	Gujarati Novel	Visiting Lecturer
		Visiting Lecture, G. L. I., Sep 6, 2002	Gujarat Dalit Sahitaya	Visiting Lecturer
3.	Panchal, S.	Exchange of Teachers Programme, S. P. University, Vallabh Vidyanagar, Feb 2003.	(1) Problems of Literary History (2) Tradition and Modernity	Invited Speaker
Department of Hindi				
1.	Desai, P. K.	Refresher Course, Saurashtra University, Rajkot, Nov 13 – 14, 2002.	(1) Bharat-Pakistan Vibhajan: Purva Sthitiyan (2) Vibhajan ke Parinam (3) Sahitya mein uska Prabhav: Katha-Sahitya (4) Sahitya mein uska Prabhav: Natak tatha anya Vidhyao mein	Resource Person
		Refresher Course, S. P. University, Vallabh Vidyanagar, Sept 12, 2002.	(1) Kavita Kya Hai? (2) Rachana aur Alochana	Resource Person
		Refresher Course Bhavnagar University, Mar 13, 2003.	Adhunik Hindi Kavita	Resource Person

6. Faculty of Arts

Department of History

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|----|---------------|--|---|-----------------|
| 1. | Awasthi, A. | Certificate Course in Women's Studies, WSRC, M. S. University of Baroda, Vadodara, Aug 26, 2002. | Women and Partition 1947: A Historical Review | Panelist |
| 2. | Hans, R. K. | Round Table Conference on Minority Rights, Centre for Study of Society and Secularism. Mumbai, Mar 22-23, 2003. | Prevailing Political Climate and Status of Minorities | Invitee |
| 3. | Pandor, G. A. | Refresher Course in History, Dept. of History, M. S. University of Baroda, Vadodara, Sept 9-29, 2002. | (1) Social and Educational Reforms under Sayajirao III
(2) Legacy of British Rule in India | Resource Person |
| 4. | Shah, R. J. | Refresher Course, Department of History, M. S. University of Baroda, Vadodara, Sept 9-29, 2002. | (1) Economic Legislations : Sayajirao III
(2) Aspects of the Rule of Sayajirao III
(3) The Library Movement of Baroda State
(4) Social Change in Baroda State in the 19 th Century
(5) Importance of History as a Social Science | Resource Person |
| | | Limkheda Arts College, Limkheda, Dec 21, 2002. | Indian Nationalism | Invited Speaker |
| 5. | Syed, H. M. | UGC Refresher Course, Department of History, Centre of Advanced Study, A. M. University, Aligarh, Aug 11-12, 2002. | (1) Nature and Character of the Gujarat Sultanate.
(2) Society and Culture of 15 th Century Gujarat | Resource Person |

Department of Library & Information Science

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|----|-------------|---|------------------------------|-----------------|
| 1. | Rajaram, S. | Refresher Course in Library Science, Academic Staff College, Saurashtra University, Rajkot, Jan 29, 2003. | Human Relations in Libraries | Resource Person |
|----|-------------|---|------------------------------|-----------------|

6. Faculty of Arts

Department of Marathi

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|----|----------------|---|---|-----------------|
| 1. | Kamat, M. G. | Talk, Premanand Sahitya Sabha, Vadodara, Mar, 2003. | Abhiruchi Masikache Karya | Invited Speaker |
| 2. | Karogal, S. U. | Refresher Course, Dr. Babasehab Ambedkar Marathwada Vidyapith, Aurangabad, Sept 22, 2002. | 2 Lectures on Marathi Sant Kaviyatrinchi Kavita | Resource Person |
| | | Seminar on 'Natak: Sahitya Prakar', Akhil Bharatiya Sahitya Mahamandal, Vadodara, Mar 30, 2003. | Natak: Sahitya Prakar | Chair-person |

Department of Philosophy

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|----|-------------|--|--|------------------|
| 1. | Vyas, N. J. | Refresher Course, M. L. Sukhadia University, Udaipur, Jun 8-19, 2002. | Religion and Ethics | Resource Person |
| | | Refresher Course, University of Bombay, Mumbai, Oct 10, 2002. | Self, Spirituality and Philosophy | Resource Person |
| | | A camp on Yoga Philosophy & Meditation, Jan 4, 2003. | Meditation, Metaphysics and Spirituality | Inaugural Speech |
| | | Maulana Bax Memorial Lecture, Faculty of Performing Arts, M S. University of Baroda, Vadodara, Feb1, 2003. | Sufism in Gujarat | Invited Speaker |
| | | K. S. Doshi Jain Academy, Faculty of Arts, M.S. University of Baroda, Vadodara, Mar 15-18, 2003. | Jainism & Indian Thought | Resource Person |

Department of Political Science

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|----|----------------|---|--|-----------------|
| 1. | Anadkat, N. K. | Refresher Course in Geography, Department of Geography, M. S. University of Baroda, Vadodara, Jun 1-21, 2002. | Globalization & Challenges of Higher Education in India | Invited Faculty |
| | | Refresher Course in Gujarati, Department of Gujarati, M.S.University of Baroda, Vadodara, Jun 26, 2002. | Globalization & Challenges of Higher Education in India | Invited Faculty |
| 2. | Chatani, L.C. | Orientation Course in Women's Studies, WSRC, Vadodara, Aug-Oct, 2002. | Gender and the Construction of Knowledge: A Political Theory Perspective | Resource Person |

6. Faculty of Arts

3.	Dholakia, A. R.	State-level Workshop, Gujarat Vidyapith, Ahmedabad, Oct, 2002.	State and Civil Society in the Perspective of Gandhian Thought	Resource Person
4.	Patel, P. M.	Annual Lecture Series, Nalini Arvind & T. V. Patel Arts College, Vallabh Vidyanagar, Sept 24, 2002.	Indian Democracy and Effectiveness of Political Institutions	Main Speaker

**Department of Sanskrit
,Pali and Prikrit**

1.	Jani, J. A.	Refresher Course in History, Department of History, M. S. University of Baroda, Vadodara.	Evolution of PRIs and their Contemporary Relevance	Resource Person
		Baroda Sanskrit Mahavidyalay, Vadodara, Jun 26, 2002.	Research in Germany in the field of Sanskrit Literature & Indology	Invited Speaker
		Refresher Course, Baroda Sanskrit Mahavidyalay, Vadodara, Dec, 2002.	Scriptural Evidence in the Epics & Puranas	Invited Speaker
		Faculty of Arts, M. S. University of Baroda, Vadodara, Jul 2, 2002.	Study & Research in Germany	Resource Person
2.	Joshi, L. M.	Advanced level work- shop on Astrology, Department of Sanskrit, Rajasthan University and Sanskrit Academy Rajasthan, Jaipur, Jul 8, 2002.	Jyotish aur Arogya	Invited Expert
		Refresher Course, Academic Staff College, Rajkot, Nov 25-26, 2002.	Plays of Bhasa : based on Mahabharata	Resource Person
		Refresher Course, Academic Staff College, Rajkot, Apr 5-6, 2002.	(1) Sthapatyaveda (2) Vedanga Jyotish (3) Atharvaveda (4) Upanisada mein Pranavupasana	Resource Person

6. Faculty of Arts

3.	Panda, R.G.	Yoga Certificate Course, Yoga Niketan, Vadodara, Sept, 2002.	(1) Four lectures on Origin and Development of Yoga System Of Philosophy (2) Our Literary, Cultural and Philosophical Heritage	
		Yoga Teachers' Training Course, Yoga Niketan, Vadodara, Nov, 2002-Feb, 2003	Ten lectures on Patanjali Yoga Sutras and Philosophy	
		Refresher Course, Baroda Sanskrit Mahavidyalay, M.S. University of Baroda, Vadodara, Jan 9, 2003.	(1) The Concept of Shastra and its Varieties (2) Anviksiki in the Bhagavata Purana (3) Material of the Poetics in the Agnipurana (4) Material of the Poetics in the Agnipurana	Resource Person
		Certificate Course in Jainology, Feb 25, 2003.	(1) Jain Concept of Knowledge and its Types (2) Concept of Bandha & Moksa in Jain Philosophy	Resource Person
		Popularity & Extension of Scientific Knowledge, International Science Congress Association, Mar 26, 2003.	Scientific Base of Hindu Rituals	Invited Speaker
Department of Sociology				
1.	Choondawat, P.	Extension Lecture, Department of Sociology, M.L.S. University, Udaipur, Jan 24, 2003.	Changing Stratification in Indian Society	Invited Speaker
		Refresher Course, Department of Sociology, Gujarat University, Ahmedabad, Feb 17, 2003.	Caste, Religion and Changing Indian Society	Resource Person
		Extension Lecture, Department of Sociology, M.L.S. University, Udaipur, Jan 22, 2003.	Childless Couples: Sociological Consequences	Invited Speaker
2.	M. Sreedevi Xavier	National Seminar on 'Development of SC/ST in Indian Society: Issues & Challenges', Faculty of Social Work, M.S. University, Mar 23-25, 2003.	Chaired a session on 'Govt.	Chair-person

6. Faculty of Arts

3.	N. Rajaram	Refresher Course in Sociology, S.P. University, Vallabh Vidyanagar, Jul 19, 2002.	Policies on SC/ST' Sociological Aspects of Health	Resource Person
		Inter-disciplinary Course on Women's Studies, WSRC, M.S. University of Baroda, Vadodara, Aug 26, 2002.	Sociology, Gender & Functionalism	Resource Person
		Orientation Course, Academic Staff College, University of Mumbai, Mumbai, Nov 28, 2002.	Sociological Aspects of Higher Education	Resource Person
		Refresher Course, Academic Staff Wing, University of Mumbai, Mumbai, Nov 29, 2002.	(1) Urban Society: Socio-economic Dimension (2) Communalism: Sociological Aspect	Resource Person
		Department of Educational Administration, Faculty of Education & Psychology, M.S. University of Baroda, Vadodara, Jan 18, 2003.	Globalization: A Challenge to Educational Manager	Resource Person

V CONTRIBUTION IN CONDUCTING PROFESSIONAL PROGRAMME/ ASSISTANCE EXTENDED IN ADMINISTRATIVE/ACADEMIC PROGRAMMES:

Sr. No.	Name(s)	Programme(s), Place and Date(s)	Participated as
Department of Archaeology & Ancient History			
1.	P. Ajithprasad	Technology Promotion Trust (TPT) Barodanet.	Coordinator
2.	Parekh, V.S.	University Museum, Sardar Patel University, VallabhVidyanagar, invited to study antiquities and works of Arts acquired from Bakrol village, Jul 30, 2002.	Expert
Department of Economics			
1	Nanawati, A. U.	International Seminar on 'Immigration to Canada: Policies Mainstreaming Gender Perspectives and Implications', Centre for Canadian Studies and WSRC, M. S. University of Baroda, Vadodara, Jan 16-18, 2003.	Director
2.	Oza, D. K.	Advisory Committee, Economic Society	Member

6. Faculty of Arts

Department of English

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|----|---------------|--|-------------------------------------|
| 1. | Achar, D. | Workshop on 'Gender and Media', WSRC, M. S. University of Baroda, Vadodara, Mar 17-18, 2003. | Resource Person |
| 2. | Pandya, S. P. | Vice Dean, Faculty of Arts, M. S. University of Baroda, Vadodara, Jul 1 – Sept 18, 2002. | Vice Dean |
| | | Faculty Level Committee, 53 rd MSU Annual Report | Member |
| | | Executive Committee, Youth Festival 2002-04. | Member |
| 3. | Parikh, B. A. | Translation Work Shop for the students of MCS, Faculty of Journalism, M. S. University of Baroda, Vadodara, Jan 10-11, 2003. | Resource Person & Organizing Member |

Department of German

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|----|------------------|--|-------------|
| 1. | Natarajan, M. K. | International Seminar on 'Didactics of DACAL Studies', Diu, Jan 15-18, 2003. | Coordinator |
|----|------------------|--|-------------|

Department of Gujarati

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|----|------------------|--|-------------|
| 1. | Bhogayata, J. K. | Refresher course, Department of Gujarati, M. S. University of Baroda, Vadodara, Jun 26-Jul 16, 2002. | Coordinator |
|----|------------------|--|-------------|

Department of History

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|----|-------------|---|-------------|
| 1. | Bajpai, G. | U.G.C. Visiting Committee for X PLAN, 2002. | Member |
| 2. | Hans, R. K. | Workshop on 'History of Communalism and History of India', Vadodara, Nov 2002. | Coordinator |
| 3. | Shah, R. J. | Administrative and Academic Programmes, Faculty of Arts. | Member |
| 4. | Syed, H. M. | Refresher Course, Department of History, M. S. University of Baroda, Vadodara, Sept 9-29, 2002. | Coordinator |

6. Faculty of Arts

Department of Marathi

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|----|----------------|--|--------------------------------|
| 1. | Karogal, S. U. | Gujarat Rajya Shala Pathyapustak Mandal, Gandhinagar. | Advisor for Marathi Text books |
| 2. | Thakur, V. J. | National Level Seminar on 'Natak: Ek Vangmayprakar', Vadodara, Mar 30, 2003. | Organizer & Convener |
| | | 76 th Akhil Bharatiya Marathi Sahitya Sammelan, Akhil Bharatiya Marathi Sahitya Mahamandal, Karad, Jan, 2003. | Advisory Committee member |
| | | Vardhapandin of Akhil Bharatiya Marathi Sahitya Mahamandal, Vadodara, Mar, 2003. | Organizer & Convener |

Department of Philosophy

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|----|-------------|---|-------------|
| 1. | Vyas, N. J. | Interschool Debating Competition, Gujarat Refinery English Medium School, Nov 30, 2002. | Adjudicator |
|----|-------------|---|-------------|

Department of Political Science

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|----|----------------|--|----------------|
| 1. | Anadkat, N. K. | Preparation of course work on 'Inpanchayati Raj Administration', Dr. Babasaheb Ambedkar Open University, Ahmedabad. | Expert Member |
| 2. | Patel, P. M. | 'Brainstorming Session on: SPU Certificate Course on National Harmony', Sardar Vallabhbhai Patel Centre, Sardar Patel University, Vallabh Vidhyanagar. | Subject Expert |
| | | Workshop on 'State of Tribals in Gujarat', CCD, Sevasi, Vadodara, Aug 17, 2002. | Subject Expert |
| | | Workload Committee, M. S. University of Baroda, Vadodara, Mar 18-31, 2003. | Member |

Department of Sanskrit, Pali and Prakrit

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|----|--------------|---|-------------|
| 1. | Joshi, L. M. | Certificate Course in Jainology, SKSD Jain Academy, M. S. University of Baroda, Vadodara, 2003. | Coordinator |
| | | Organized a special lecture on 'Jainism and Science'. | Coordinator |

6. Faculty of Arts

Department of Sociology

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|----|------------|---|----------|
| 1. | Jha, M. V. | Seventh National Workshop of the Forum on Contemporary Theory on 'The Philosophical Foundations of Discourses of Science', M. S. University of Baroda, Vadodara, Oct 29-31, 2002. | Convener |
|----|------------|---|----------|

(VI) PARTICIPATION IN ACADEMIC BODIES OF UNIVERSITIES, OTHER THAN MSU

Sr. No.	Name(s)	Academic body of Universities/Institution and place	Participated as
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Department of German

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|----|------------------|---|---------------|
| 1. | Natarajan, M. K. | Board of Studies in English and other European Languages, Banasthali Vidyapith, Banasthali. | Expert Member |
| | | Board of Studies in Foreign Languages, Kashmir University, Srinagar. | Expert Member |
| | | Solothurner Literaturtage Conference of German Writers, Solothurn, May, 2002. | Observer |

Department of History

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|----|-------------|--|-----------------|
| 1. | Shah, R. J. | Board of Studies in History, South Gujarat University, Surat. | Expert Member |
| | | Research and Recognition Committee, Board of Studies in Ancient Indian Culture, Mumbai University, Mumbai. | Expert Member |
| 2. | Syed, H. M. | Board of Studies in History, Center of Advanced Study, Aligarh Muslim University, Aligarh. | External Member |

Department of Philosophy

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|----|-------------|---|-----------------|
| 1. | Vyas, N. J. | Board of Studies in Philosophy, M. L. Sukhadia University, Udaipur. | External Member |
|----|-------------|---|-----------------|

Department of Political Science

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|----|-------------------|--|------------------------|
| 1. | Mavalankar, A. P. | Board of Studies in Political Science, South Gujarat University, Surat. | External Member |
| 2. | Patel, P. M. | Committee of Courses in Human Rights Studies, M.L.S University, Udaipur. | Expert External Member |
| | | Expert Committee for the MA Course in Indian Government and Politics, Indira Gandhi National Open University, New Delhi. | Expert Member |
| | | | External Member |

6. Faculty of Arts

		Board of Studies in Political Science, Sardar Patel University, Vallabh Vidhyanagar.	
Department of Sanskrit, Pali and Prakrit			
1.	Jani, J. A.	Post Graduate Research Council, Sardar Patel University, Vallabh Vidhyanagar.	Expert
2.	Joshi, L. M.	Board of Studies in Sanskrit, Saurashtra University, Rajkot.	Co-opted Member
		Ad-hoc Committee of courses in Jyotir-Vijnana, Rajasthan University, Jaipur.	Expert Member
		Syllabus Reform Committee, Gujarat State Secondary and Higher Secondary Education Board, Gandhinagar.	Invited Member
		All Gujarat University and College Sanskrit Teachers' Association	Vice-president
3.	Pandya, B. P.	Vallabh Vidhyapeetha, Vadodara.	Registrar
		Shuddhadvata Samsada, Ahmedabad.	Secretary
Department of Sociology			
1.	Rajaram, N.	Board of Studies in Sociology, South Gujarat University, Surat.	Member

(VII) PERFORMANCE BY INDIVIDUAL/GROUP

Sr. No.	Name(s)	Place and Date(s)	Nature of Performance
Department of Russian			
1.	Dasgupta, D.	Prof. C. C. Mehta Auditorium, M. S. University of Baroda, Vadodara, Jan, 2003.	Directed and staged Jaywant Dalvi's three-act play " Are Shareef Log"

6. Faculty of Arts

(VIII) 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 Hindi			
1.	Kahar, B. N.	Vyang Shikhar Sammaan, awarded by Akhil Bharatiya Kala Manch, Muradabad, Oct, 2002.	Critical book of Hindi Satire
Department of Marathi			
1.	Thakur, V. J.	Tuka Mhane Puraskar, awarded by Vidarbha Sahitya Sangh, Buldhana, Feb, 2003.	Translator – Collection of Poetry “Chopat”
Department of Sanskrit, Pali and Prakrit			
1.	Panda, R.G.	Dr. V. Raghavan prize, awarded by the Classical Sanskrit section in the XLI session of AIOC, Puri, Dec, 2002.	Presented a paper titled “Citations of Bhavabhuti in Rasarnavasudhakara”
		Awarded prize, Akhila Bharatiya Sanskrit Sloka Samasyapurti Pratiyogita, Delhi Sanskrit Academy, 2002-2003.	Poem

IX. MEMBERS OF THE FACULTY

Faculty of Arts		Department of Archaeology & Ancient History	
Sr. No.	Name (beginning with Surname)	Designation	Area of Interest/Research
	(Dr. / Mr. / Ms.)		
1	Dr. Sonawane, V.H.	Professor	Harappan and Rock Art Studies
2	Dr. Parekh, V.S.	Professor	Art and Iconography
3	Dr. Bhan, K.K.	Reader	South Asian Archaeology & Archaeological Methodology
4	Dr. Krishnan, K.	Reader	Archaeomaterials, Environmental Archaeology, Indus Valley Archaeology.
5	Dr. Panjwani, P.A.	Lecturer	Numismatics
6	Dr. Ajithprasad, P.	Lecturer	Pre and Proto Historic Archaeology and Environmental Adaptations
7	Dr. Menon, J.	Lecturer	Craft Specialization and Technology
8	Dr. Sen, S.	Lecturer	International Trade
9	Ms. Patel, A.	Lecturer	Zooarchaeology
10	Mr. Pratapachanderan, S.	Lecturer	Field Archaeology and Early Historic Period

6. Faculty of Arts

Faculty of Arts		Department of Economics	
Sr. No.	Name (beginning with Surname)	Designation	Area of Interest/Research
	(Dr. / Mr. / Ms.)		
1	Dr. Kantawala, B.S.	Professor	Econometrics and International Trade
2	Dr. Shah, M.	Professor	Environmental Economics
3	Dr. Rede, L.A.	Professor	Economics of Growth and Development, Mathematical Economics
4	Dr. Joshi, P.R.	Professor	Micro Economics and Mathematical Economics
5	Dr. Nanavati, A.U.	Professor	Women Studies, Industrial Economics and Public Finance
6	Mr. Oza, D.K.	Reader	Political Economy and Indian Economy
7	Dr. Joshi, S.M.	Reader	Micro Economics, Money and Finance
8	Dr. Bishnoi, T.R.	Reader	Industrial Economics, Money and Finance
9	Dr. Rao, A.S.	Reader	Industrial Economics, Quantitative Economics
10	Dr. Naik, U.M.	Reader	Money and Finance, Public Finance
11	Mr. R. Ramesh	Lecturer	Indian Economy
12	Dr. Mehta, A.S.	Lecturer	Economics of Human Resource Development, International Economics

Faculty of Arts		Department of English	
Sr. No.	Name (beginning with Surname)	Designation	Area of Interest/Research
	(Dr. / Mr. / Ms.)		
1	Dr. Kar, P.C.	Professor	American Literature & Critical Theory
2	Dr. Joneja, O.P.	Professor	Post-colonial Literature & Canadian Literature
3	Dr. Pandya, S.P.	Professor	Literary Criticism & Theory, New Literatures in English & Gender Studies
4	Dr. Salat, M.F.	Professor	Canadian Literature
5	Dr. Dharker, D.C.	Professor	American Literature & Creative Writing
6	Dr. Nanavati, U.M.	Reader	Indian Literature & Theory, Indian Writing in English
7	Dr. Parikh, B.A.	Reader	North American Writing
8	Dr. Dakorwala, N.K.	Reader	American Literature
9	Mr. Sylvester, S.P.	Reader	English Language Teaching, Media Studies
10	Dr. Bhatt, S.A.	Reader	Indian Writing in English and Stylistics
11	Dr. Macwan, A.P.	Reader	English Poetry
12	Dr. Achar, D.	Reader	Women's Studies, Post-colonial Literatures & Theory
13	Mr. Joshi, P.R.	Lecturer	English Language Teaching
14	Dr. Mehta, U.A.	Lecturer	English Language Teaching
15	Dr. Ansari, M.T.	Lecturer	Literary Criticism & Theory, Post-colonial Literatures

6. Faculty of Arts

Faculty of Arts

Department of French

Sr. No.	Name (beginning with Surname) (Dr. / Mr. / Ms.)	Designation	Area of Interest/Research
1	Ms. Anugraham, A.	Lecturer	Language Acquisition, Applied Linguistics, French Literature

Faculty of Arts

Department of German

Sr. No.	Name (beginning with Surname) (Dr. / Mr. / Ms.)	Designation	Area of Interest/Research
1	Dr. Natarajan, M.K.	Reader	Literature, Didactics & Translation
2	Ms. Thakur, M.S.	Reader	Language Teaching

Faculty of Arts

Department of Gujarati

Sr. No.	Name (beginning with Surname) (Dr. / Mr. / Ms.)	Designation	Area of Interest/Research
1	Dr. Panchal, S.J.	Professor	Literary History, Comparative Literature, Literature & Philosophy
2	Dr. Mehta, S.Y.	Professor	Literary Criticism & Comparative Literature and Criticism
3	Dr. Pandya, S.N.	Professor	Gujarati Language, History of Literature
4	Dr. Soni, R.K.	Professor	Lit. Journalism, Research Methodology
5	Dr. Bhagat, N.J.	Reader	Aesthetics, Literature & Philosophy
6	Dr. Baxi, A.H.	Reader	Folk-Literature, Research Methodology
7	Mr. Mehta, B.B.	Reader	Contemporary Literature, Literary History
8	Dr. Bhogayata, J.K.	Reader	Narratology, Contemporary Literature

Faculty of Arts

Department of Hindi

Sr. No.	Name (beginning with Surname) (Dr. / Mr. / Ms.)	Designation	Area of Interest/Research
1	Dr. Desai, P.K.	Professor	Modern Hindi Literature-Upanyas
2	Dr. Goswami, A.K.	Professor	Medieval Hindi Literature
3	Dr. Bafana, P.R.	Professor	Modern Hindi Literature-Kavya
4	Dr. Dalal, A.M.	Reader	Medieval Hindi Literature
5	Dr. Kahar, B.N.	Reader	Modern Hindi Literature
6	Dr. Chaturvedi, V.P.	Reader	Medieval Hindi Literature
7	Dr. Shukla, I.D.	Reader	Modern Hindi Literature
8	Dr. Yadav, O.	Lecturer	Modern Hindi Literature
9	Dr. Bhardwaj, S.	Lecturer	Modern Hindi Literature-Natak
10	Dr. Mistry, D.M.	Lecturer	Medieval Hindi Literature
11	Dr. Ninama, K.V.	Lecturer	Modern Hindi Literature-Upanyas
12	Dr. Gavali, K.N.	Lecturer	Modern Hindi Literature-Kahani

6. Faculty of Arts

Faculty of Arts

Department of History

Sr. No. Name (beginning with Surname)			
	(Dr. / Mr. / Ms.)	Designation	Area of Interest/Research
1	Dr. Shah, R.J.	Professor	Modern History
2	Dr. Bajpai, G.	Professor	Modern History
3	Dr. Mehmood, S.H.	Professor	Medieval History
4	Dr. Pandor, G.A.	Professor	Modern History
5	Dr. Hans, R.	Reader	Modern History
6	Mr. Khan, I.A.	Reader	Medieval History
7	Ms. Parikh, V.	Lecturer	Medieval History
8	Dr. Awasthi, A.	Lecturer	Modern History

Faculty of Arts

Department of Library & Information Science

Sr. No. Name (beginning with Surname)			
	(Dr. / Mr. / Ms.)	Designation	Area of Interest/Research
1	Dr. Rajaram, S.	Lecturer	Information Processing & Retrieval, Library Classification, Cataloguing, Information Services & Systems

Faculty of Arts

Department of Linguistics

Sr. No. Name (beginning with Surname)			
	(Dr. / Mr. / Ms.)	Designation	Area of Interest/Research
1	Dr. Bhan, S.	Lecturer	Psycho-Neuro Linguistics

Faculty of Arts

Department of Marathi

Sr. No. Name (beginning with Surname)			
	(Dr. / Mr. / Ms.)	Designation	Area of Interest/Research
1	Karogal, S.U.	Reader	Modern Marathi Literature
2	Kamath, M.G.	Lecturer	Modern Marathi Literature
3	Karandikar, S.	Lecturer	Modern Marathi Literature
4	Thakur, V.J.	Lecturer	Old Marathi Literature & Grammar

Faculty of Arts

Department of Philosophy

Sr. No. Name (beginning with Surname)			
	(Dr. / Mr. / Ms.)	Designation	Area of Interest/Research
1	Dr. Vyas, N.J.	Reader	Comparative Religion, Indian Philosophy
2	Dr. Nighoskar, Y.G.	Reader	Continental Philosophy

6. Faculty of Arts

Faculty of Arts Department of Political Science

Sr. No.	Name (beginning with Surname) (Dr. / Mr. / Ms.)	Designation	Area of Interest/Research
1	Dr. Shukul, H.C.	Professor	International Relations
2	Dr. Anadkat, N.K.	Professor	International Relations, Indian Govt. Politics
3	Dr. Mavlankar, A.P.	Professor	International Relations and Public Adm.
4	Dr. Patel, P.M.	Professor	Indian Government & Politics
5	Mr. Patnaik, S.	Lecturer	International Relations and IGP
6	Dr. Dholakia, A.R.	Lecturer	International Relations
7	Dr. Chatani, L.	Lecturer	Political Theory

Faculty of Arts Department of Russian

Sr. No.	Name (beginning with Surname) (Dr. / Mr. / Ms.)	Designation	Area of Interest/Research
1	Dr. Dasgupta, D.	Professor	Methods of teaching Russian as a foreign Language and Interactive Tools in the teaching of the Target Language.

Faculty of Arts Department of Sanskrit, Pali & Prakrit

Sr. No.	Name (beginning with Surname) (Dr. / Mr. / Ms.)	Designation	Area of Interest/Research
1	Dr. Jani, J.A.	Reader	Vedic, Puranic, Classical & Modern Literature, Grammar
2	Dr. Deshpande, U.S.	Professor	Vedanta, Classical & Modern Linguistics
3	Mr. Pandya, B.P.	Reader	Purana & Classical Literature
4	Dr. Joshi, L.M.	Reader	Purana, Tantra & Jyotish
5	Dr. Panda, R.G.	Reader	Nyaya Vedanta, Classical & Modern Literature

Faculty of Arts Department of Sociology

Sr. No.	Name (beginning with Surname) (Dr. / Mr. / Ms.)	Designation	Area of Interest/Research
1	Dr. Choondawat, P.S.	Professor	Social Stratification, Social Mobility & Social Change
2	Dr. Patel, P.J.	Professor	Industrial Sociology, Ethnicity, Sociological Theory, Small Groups
3	Dr. N. Rajaram	Professor	Cooperatives, Rural Development, Health, Political Sociology
4	Dr. M. Sreedevi Xavier	Reader	Sociology of Literature, Art & Culture of Indian Tribes
5	Ms. Shah, R. P.	Lecturer	Indian Society & Indian Sociology
6	Ms. Jha, M.	Lecturer	Political Sociology, Industrial Sociology

6. Faculty of Arts

X. Important Events / Activities of the Faculty / Unit

Description of the Event	Date, Time & Place	Photographs attached (if any) with their
Dept. of Archaeology and Ancient History (a) Excavation of Harappa Settlement at Bagesra, Saurashtra.	Jan-Feb 2003 Bagesra, Rajkot District, Gujarat.	
Dept. of German (a) KENNFEST 2002 Cultural Programme organized to celebrate freshers welcome and German Unity Day, in which VC, PVC & Registrar took part. The event was sponsored by FAG Bearing India Ltd., Vadodara. The MD, Mr. Jagannath also took part in the programme.	03-10-2002, 7 p.m. C.C.Mehta Auditorium.	
Dept. of Gujarati (a) Dance Performance by Smt. Malti Parikh	14-07-2002, 6 p.m. Auditorium, Faculty of Performing Arts, M.S. University.	
Dept. of Russian (a) Staging of Safdar Hashmi's satire "Apaharan Ekta Ka", directed by Dr. Dasgupta, D. (b) "Saamovaar", The Webjournal of the Department of Russian was launched by Prof.K.C.Upadhyaya, the MSU Vice-Chancellor. Staging of the three act comedy,"Are Shareef Log" Sri Jaywant Dalvi directed by Prof. Debal Dasgupta. The Guests of honor were Prof.K.C.Upadhyaya (MSU-VC), Prof Sitanshu Yashashchandra (Poet and Author), Mr.K.C.Mamgain (Chief Commissioner-CE) and Shri B.K.Mukherjee (Executive Director-IOC).	15-09-02, 7 to 10 p.m. Dept. of Russian 15-09-2002 Dept. of Russian 10,11-01-03 7- 10 p.m. Prof.C.C.Mehta Auditorium.	
Dept. of Sanskrit, Pali & Prakrit (a) Celebration of Sanskrit Day	03-09-2002, 9.45 a.m. Seminar Hall, Faculty of Arts.	
(b) Celebration of Gurupurnima	09-08-2002, 3 p.m. Staff Common Room.	

6. Faculty of Arts

XI. NEW COURSES INTRODUCED / APPROVED

Dept. of Archaeology & Ancient History

M.A. Part II Group B

Paper V: Political and Cultural History of India from the Early Vedic period to 12th Century A.D.
Paper VI: Bronze Age Civilization: Mesopotamia, Egypt and China

Dept. of English

M.A. Part I :

Dept. of German

PGDTG : Post Graduate Diploma In Teaching German

One Year Self-Financing Course together with Max Mueller Bhavan (Goethe Institute) Pune, approved from 2003-04.

Dept. of Gujarati

Two new Papers are introduced at PG level

- (a) Aadhunikta (Modernism)
- (b) Literature and Sociology

Dept. of History

Reintroduced Paper No. VII b 'Colonialism and Imperialism' at T.Y.B.A. level.

Dept. of Philosophy

Revised Departmental Syllabus according to the recent UGC circular for the revision of the courses and approved the same.

Dept. of Political Science

During 2002-2003, the Board of Studies revised six papers out of sixteen papers at the Graduate level including optional.

And eight papers revised at Post Graduate level including the optional.

And six new papers were introduced at the Under Graduate level and seven at the Post Graduate level.

The entire revision was done according to the UGC model curriculum of Political Science of 2001.

Dept. of Russian

Introduced 1) M.A. (Entire), 2) M.A.(Principal) and 3) M.A. (Subsidiary) in Russian Philology (Approved vide Faculty of Arts Items No.5/11 FoA meeting dated March 27,2003).

Dept. of Sociology

- (a) F.Y.B.A. Sociology Optional Paper 'Sociology: An Introduction' was introduced.
- (b) S.Y.B.A. (Minor) Paper II: "Family, Kinship and Marriage in India" was introduced & approved by Board of Studies during 2002-03, to be implemented from 2003-04.
- (c) S.Y.B.A. (Major) Paper II: "Family, Kinship and Marriage in India" & S.Y.B.A. (Major) Paper III : "Social Problems in India" were introduced & approved by Board of Studies during 2002-03, to be implemented from 2003-04.

XII. CURRICULUM UPGRADATION

(A) Subjects Offered

Dept. of Archaeology & Ancient History

M.A. Part I: Paper IV: Archaeological Methods and Theory

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Dept of Gujarati

M.A. Part I: Paper II 'K' : Lok Sahitya (Folk-Literature)

Paper IV 'K' : Sahitya ane Philosophy

M.A. Part II: Paper VI 'K' : Sahitya Mimansa (Literary Criticism)

Paper VI 'Kh" : Sahitya Vivechan Ane Saundarya Shashtra (Literary Criticism & Aesthetics)

Dept. of History

(a) F.Y.B.A. Optional "Modern World: A Historical Outline".

(b) M.A. Part I (i) British Rule in India

(ii) Economic History of Modern India.

Dept. Of Russian

UGC Guidelines on Curriculum Up gradation and Implementation were discussed at the meeting of the Board of Studies and necessary changes / alterations were incorporated in the syllabi of all courses in Russian.

(B) Options Offered

Dept. of Gujarati

M.A. Part I

Paper III 'K' – Narsinh Mehta

Paper III 'Kh' – Sahitya Swaroop: Natak (Lit. Genre 13,60)

Paper III 'G' – Granthkarno Abhyas (Special Author)

Paper IV 'G' – Aadhunika (Modernism)

XIII. ADDITIONAL FACILITIES CREATED IN TERMS OF:

(A) Equipment

Dept. of Economics

Two Computers

Dept. of French

(a) Computer with printer

(b) Stereo System

Dept. of Political Science

Two Computers

Dept. of Russian

The Language Laboratory of the Dept. of Russian procured audio-visual and intercommunication facilities through funds, generated by Russian.

(B) Laboratories/Seminar Rooms/Teaching Aids

Dept. of Economics

The Departmental Library was renovated

Dept. of French

Audio- Cassettes for all courses

Dept. of German

(a) Reading room for students

(b) Library of German books

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Dept. of Gujarati

One class room

Dept. of Russian

About 1000 new titles were added to the in-house Library of the Department of Russian.

Dept. of Sociology

Two rooms were added in the Department: Nos. 211 & 212

XIV. DISTINGUISHED VISITORS AT DEPARTMENTS / FACULTY

S.No.	Name with Full Address	Designation	Date(s) of Visit	Purpose
1	Dept. of German			
	(a) Mr. Marco Sagurna, Hanover, Germany.	Cultural Journalist	30-10-02 to 14-12-02	To deliver lectures
	(b) Prof. Romey Sabalius, California, USA.	Professor of German	04-01-2003	"
	(c) Dr. Helmut Gollner, Vienna, Austria.	Literary Critic	07-01-03 to 14-02-03	"
	(d) Dr. Nazire Akbulut, Turkey.	GermanTeacher	13-01-03 to 15-01-03	"
	(e) Mrs. Lilian Faschigor, Vienna, Austria.	Writer	23-01-03 to 25-01-03	"
	(f) Mr. Martin Dean, Zurich, Switzerland.	Writer	24-01-03 to 26-01-03	"
	(g) Mrs. Claudia Storz, Zurich, Switzerland.	Writer	24-01-03 to 26-01-03	"
	(h) Prof. Kamal El Korso, Algiers, Algeria.	Professor	20-01-03 to 22-01-03	"
	(i) Prof. Martin Bollacher, Bochum, Germany.	Professor	24-02-03 to 15-03-03	"
2	Dept. of Linguistics			
	(a) Prof. Lachman, Khubchandani Deccan College, Pune.	Professor(Retired)	18, 19-10-02	Official
	(b) Prof.A. Usha Devi, Telugu University, Hyderabad.	Professor &Dean	16, 17-01-03	"
	(c) Prof.K.A. Jayseelan, CIEFL, Hyderabad.	Professor	13-02-03 to 17-02-03	"
3.	Dept. of Russian			
	(a) Prof. Amar Basu	Professor	22, 23-04-02	Interactions with staff and students on Russian Literature and Criticism.
	(b) Prof. Jaweed Ashraf Jawaharial Nehru University New Delhi.	Professor, (Retired) JNU	04, 06-12-02	Interactions with teachers and students on Russian History, Art and Culture.

6. Faculty of Arts

XV. ACADEMIC PROGRAMMES ORGANISED BY DEPTT. /FACULTY

Name of Programme	Department	State/National/ International	Funding Agency
Dept. of German "Didactics of DACHL-Studies" 15-01-03 to 18-01-03	German	International Seminar	The Embassy of Austria, The Consulate General of Switzerland, Mumbai & Max Mueller Bhavan, Pune
Dept. of Gujarati Refresher Course in Gujarati	Gujarati	State level	U.G.C
Dept. of History (a) Refresher Course 09-09-02 to 29-09-02 Theme- 'Society, Economy and Culture'	History	National	U.G.C.
(b) Seminar 09-01-03 to 11-01-03 'Region, Realm & Culture: The Identity of Gujarat & Identities in Gujarat.'	History	National	I.C.H.R.

XVI. OTHER PROGRAMMES OF ACADEMIC SIGNIFICANCE AT DEPTT. /FACULTY

Dept. of German

- (a) The Department of German has organized "Autorenlesung" in the month of January 2003. Three authors, one from Austria and two from Switzerland, read out from their novels and poems. The readings were followed by discussion. This is the first time that three German authors visited the Department. They were- Mrs. Lilian Foschinger (Vienna, Austria), Mrs. Claudia Storz (Switzerland) Mr. Martin Dean (Switzerland)
- (b) The Dept. organized a Three Day workshop on "Teaching methods" for internal teachers from 26-12-02 to 28-12-02 as a quality improvement programme.

Dept of Gujarati

- (a) An Essay competition was held in January, 03 for UG & PG students. Three students were selected.
- (b) The Dept. had organized an educational tour in which 50 students and 4 teachers participated.

Dept. of Library & Information Science

- (a) Students of Master of library and information Science were taken for a study tour to study the totally automated library of Railway Staff College, Vadodara on 11-01-03.
- (b) Students of Bachelor of Library & Information Science were also taken for a study tour to visit the totally automated library of Railway Staff College, Vadodara on 15-03-03.

Dept. of Linguistics

- (a) Lecture on "Multilingual Situation in England" by Ms. Sonali Shah, University of London, on 07-12-02.
- (b) Field-work conducted on Kurux (Oraon) Language of Jharkhand, from 22-02-03 to 27-02-03.

6. Faculty of Arts

Dept. of Political Sciences

Forum for Political Studies regularly meets to discuss and deliberate on important political issues and current events. During 2002-2003, the following activities took place:

- (a) Lecture on "Nationalism, Religion and the Critique of Modernity, Gandhi's Hind Swaraj" by Professor P.C.Kar (23-07-02).
- (b) Symposium was organized on "State of Higher Education in India" on 25-09-02.
The Panelists were: (1) Prof. Shitanshu Mehta (2) Prof. Mayank Dholakia (3) Prof Nalin Anadkat
- (c) An open discussion on current situation on Kashmir initiated by Prof A.P.Rana and Prof D.N. Pathak on 23-09-02.

Dept. of Russian

The Department of Russian, under its discussion forum "POINT-COUNTERPOINT", organised the following interdisciplinary lectures/discussions/demonstrations:

- (a) 03-08-2002 Dr. Aruna Awasthi, Department of History.
"Reflections on Uma Chakravarti's article "What happened to the vedic dasi?"
- (b) 10-08-2002 Ms. Aarohit Parimu, Department of Psychology.
"Mistakes of everyday life: a psychological perspective"
- (c) 17-08-2002 Prof.N. Rajaram, Department of Sociology.
"Do we still practice caste?"
- (d) 24-08-2002 Prof.V.D. Pathak, Department of Applied Mathematics.
"Formal Language Theory"
- (e) 21-09-2002 Mr.A.P. Chawla, Department of Dramatics.
"Turbans of India"
- (f) 28-09-2002 Dr. Tarun Das, Department of Mathematics.
"Geometry and Nature"

XVII. PROGRAMMES FOR COMMUNITY OUTREACH AT DEPTT. / FACULTY

Dept. of Archaeology & Ancient History

- (a) Gallery talks for School children on "The Ancient Civilization of India" as museum extension programme.
- (b) Gallery talk on "Harappan Civilization and its Craft" to the graduate students of Archaeology and Museology from Giridhar Vidyalaya Vidya Pith Sadare, Gujarat.
- (c) Museum and gallery talk on "Appreciation of Archaeological materials and their Significance" to the students of Marketing Management of Faculty of Commerce, M.S.U.

Dept. of Linguistics

Dr. Sudheer Bhan (Lecturer) worked as a counselor (Learning Disabilities) at MARG Counseling Centre, The M.S.University of Baroda, from July, 2002 to May, 2003.

XVIII. ACHIEVEMENT/HONORS/AWARDS

(C) Students

Name	Department	State/National/International	Nature of Achievement
Ms. Vadhwakar, Sonal	German	International	First Prize in the DAAD Essay competition on "Conflicts"- one month fellowship to Germany in August, 2002.
Mr. Rathva, Parsing	Linguistics	National	CIIL scholarship.

6. Faculty of Arts

XIX IMPORTANT EVENTS / ACTIVITIES OF DEPARTMENTS

Name (beginning with Surname)	Designation	Area of Interest / Research
Dept. of Gujarati	Students	Students of the Dept. prepared a wall paper 'Pratyancha' regularly. Moreover they are running 'Vachan-Mandali', (reading sessions) in which they read creative, critical works and discuss them.

07. Faculty of Science

I (A) PUBLISHED BOOKS (B) MONOGRAPHS (C) EDITED VOLUMES (D) OTHERS

Sr. No.	Author(s)	Title	Name of Publisher, Date and Year of Publication and Total Pages
Department of Mathematics			
1	Kannan V., Das R., Das T.K., Shah E.	Project on Expansivity	UGC-SAP, Department of Mathematics and Statistics, University of Hyderabad, December 2002 pp 0-36
Department of Statistics			
1	Sreehari, M.	Gujarat Statistical Review	Gujarat Statistical Association, June 2002, 56 Page
Department of Zoology			
1	Nanda A. & Vachhrajani K.D	Studies on the insect diversity of Mahi river in modern trends in Entomological Research	Pratibha Prakashan, Delhi 2002. p. 64 – 72

II. PUBLISHED ARTICLES/PAPERS IN JOURNAL(S)/EDITED VOLUMES :

Sr. No.	Author(s)	Title	Name of the Journal, Volume Number, Page Numbers, Month and Year
Department of Bio-chemistry			
1.	Maroo, J., Vasu, V.T., Gupta, S.	Does dependent hypoglycemic effect of aqueous extract of <i>Enicostemma littorale</i> Blume in alloxan induced diabetic rats.	Phytomedicine 10(3) : 196-199, 2003
2.	Pillai, A., Laxmipriya, Gupta, S.	Effects of combined exposure to lead and cadmium on hypothalamic-pituitary axis function in proestrous rats.	Food and Chemical Taxinomy 41(3) : 379-384, 2003
3.	Pillai, A., Laxmipriya, P.N., Gupta, S.	Effects of combined exposure to lead and cadmium on pituitary membrane of female rats.	Archives of Toxicology 76(12): 671-675 2002
4.	Gupta, S., Laxmipriya, Gohil, V.	Simultaneous exposure of lead and cadmium on granulosa cells, progesterone and leutinizing hormone in proestrous rats.	Advances in Pharmacology and Taxinomy 3(2): 23-30,2002
5.	Maroo, J., Vasu, V.T., Aalinkeel, R., Gupta, S.	Glucose lowering effect of aqueous extract of <i>Enicostemma littorale</i> Blume in diabetes: a possible mechanism of action.	Journal of Ethnopharmacology 81(3): 317-320, 2002.
6.	Pillai, A., Laxmipriya, Rawal, A., Gupta, S.	Effect of low level exposure of lead and cadmium on hepatic estradiol metabolism in female rats.	Indian Journal of Experimental Biology 40(7): 807-811,2002.
7.	Gyaneshwar, P., Nareshkumar, G., Parekh, L.J. & Pool, P.S.	Role of Soil microorganisms in improving P nutrition of plants	Plants & Soil 245 83-93, 2002

07. Faculty of Science

8. Katoch, B.,
Sebastians, S.,
Sahdev, S.,
Padh, H.,
Hasnain, S. E.,
and Begum, R. Programmed cell death and its clinical implications Indian J Exp. Biol. **40** 513-524, 2002
9. Mohan, M.,
Teneja, T.K.,
Sahdev, S.,
Mohareer, K.,
Begum, R.,
Athar, M.,
Sah, N.K. and
Hasnain, S.E. Antioxidants prevent UV-Induced apoptosis by inhibiting mitochondrial cytochrome C release and caspase activation in Sf9 cells Cell Biol Int. **27** 483-490, 2003
10. Katewa, S.D.,
Davw, K.R.,
Katyare, S.S., Membrane function alterations in erythrocytes from mood disorder patients South Africa Psychiatry Rev. **6** (1), 11-20, 2003
11. Pandya, J.D.,
Patel, B.D.,
Katewa, S.D.,
Katyare, S.S. Studies on Kinetic properties of acid phosphate from nuclei-free rat liver homogenate using different substrates Ind. J. Exptl. Biol. **41** 205-210, 2003
12. Katewa, S.D.,
Katyare, S.S. Kinetics attributes of rats liver microsomal adenosine 5' tri phosphate phosphohydrobase (ATPase) Ind. J. Biochem. Biophys., **40** 252-259, 2003
13. Katyare, S.S. Effect of corticosterone treatment on Balasubramaniam, mitochondrial oxidative energy metabolism in developing rat brain S., Parmar, D.V. Exptl. Neurol. **183** (1) 241-248, 2003.

Department of Botany

1. Mariamma, J.,
Latha, S. and Daniel M. Pharmacognostic and chemical studies on the fruits of *Piper galeatum* Jour. Med. Arom. Pl. Sci. **24** : 938-942, 2002
2. Latha, S. and Daniel M. Allelopathic effects of social forestry trees neem and *Melia* on rice Geobios **30** (2+3): 137-142, 2003
3. Thaker, M.N. and Jasrai, Y.T. VAM and increased growth of micropropagated banana Mycorrhiza News **14**: 16-18 ,2002
4. Thaker, M.N. and Jasrai, Y.T. Increase growth of micropropagated banana with VAM symbiont Plant Tissue Cult. **12** : 147-154 ,2002
5. Leena A.,
Jasrai, Y.T. and Garge, S.K. Green belt, plant scavengers for combating air pollution In Air Pollution: Development at What Cost? Jasrai, Y.T. and Arya, A. (Eds.), Daya Publishing House, Delhi, pp. 32-40 ,2003
6. Jasrai, Y.T. Environment Performance Evaluation Ibid pp. 187-189 , 2003
7. Pradeepkumar, G. Floristic diversity and biotic pressure Prathapasenan, G. in Shoolpaneshwar Wildlife Sanctuary, and Jasrai Y.T. Gujarat Ibid, pp. 150-158 , 2003

07. Faculty of Science

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| 8. | Jasrai, Y.T.,
Wala, B.B.,
Thaker, M.N.
and Dubey, A.N. | Bioinformatics : a boon to mankind | In, Fundamentals of Bioinformatics, Khan, I.A. and Khanum, A. (Eds), Ukaaz Publications, Hyderabad, pp 13-45 , 2003 |
| 9. | Desai, B.S.
and Jasrai, Y.T. | Herbal resources available for commonest disease-Diabetes | In Role of Biotechnology in Medicinal and Aromatic Plants, Vol.X, Ukaaz Publications, Hyderabad, pp 239-247 , 2003 |
| 10. | Arya, A.
and Shah N.R. | Fungal diversity and biodeterioration of Museum objects in Baroda | Frontiers of Fungal Diversity in India (Eds. Rao, G.P. Manoharachari, C., Bhat D.J., Rajak R.C. and Lakhanpal T.N., Pub. By International Distribution Co. Lucknow pp 233-250, 2003 |
| 11. | Arya, C. and
Arya, A. | Some new fungal leaf spot diseases of social forestry trees – I | J. of Mycol. and Plant Pathol. 32(2) : 260-262, 2002. |
| 12. | Leena A. and
Sandhya G. | Remote sensing in salinity studies | Geobios 30 : 242-245, 2003 |
| 13. | Arya A. and
Raole, V.M. | Ganoderma a fungus used in Biosorption | In Air Pollution: Development at What Cost? Jasrai, Y.T. and Arya, A. (Eds.), Daya Publishing House, Delhi, pp. 159-161 , 2003 |
| 14. | Arya, A. | Soil solarization for integrated pest management | Ann. Rev. Plant Path. 1: 213-230 , 2002 |

Department of Geography

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| 1. | DASH N.R. | Geographical Prospective of Tribal Area Development. | Journal of the Maharaja Sayajirao University of Baroda (Science, Technology and Medicine Number), Vol. XLVIII (No.3), pp. 51-61, 2001. |
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Department of Chemistry

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| 1. | Mistry, S.,
Ghosh, B.,
Desai, S.M.,
Madhav Rao,
S.S. & Shah, A.C. | A facile one step synthesis of angelicines. | Ind. J. Het. Chem. 12, 5-8, 2002 |
| 2. | Shukla, U.,
Mathakiya, I.
& Rakshit, A.K. | Synthesis and characterization of mixed aromatic - aliphatic polyamides. | Ind. J. chem. 41, A, 730-736, 2002 |
| 3. | Sharma, B. and
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| 4. | Shukla, U.,
Rao, K. V. &
Rakshit, A.K. | Thermotropic liquid crystalline polymers : Synthesis, characterization and properties of poly (azomethine esters). | J. Appl. Polym. Sci. 88, 153-160, 2003 |
| 5. | Somani, K.,
Shukla, U.
& Rakshit, A.K. | Study of thermal properties and crystallinity of polymeric materials. | Proceedings of National Workshop on 'Engineering Materials', ERDA, Baroda. March 11, 2003. |
| 6. | Sanghvi, P.G.,
Pokhriyal, N.K.
and Devi S. | Effect of partitioning of monomer on reactivities of monomers in microemulsion. | J. Appl. Poly. Sci. 84, 1832 - 1837, 2002 |

07. Faculty of Science

7. Bhawal, S, Sanghvi, P.G. and Devi, S. Recalculation of monomer reactivity considering the effect of monomer partitioning in microemulsion. *European Poly. J.* 39, 389 - 396, 2002
8. Devi, S. and Pokhriyal, N.K. Ed. K.L. Mittal, "Adsorption and aggregation of surfactants in solution" Springer, Verlag. *Surfactant science series*, Vol. 109, 431-451, 2003.
9. Patel, A.C., Brahmhatt, R.G. and Devi, S. Mechanical properties and morphology of PP/ABS blends compatibilized with pp-g-2-HEMA. *J. App. Poly. Sc.*, 88, 72 - 78, 2003.
10. Kamath, B. V. and Patel, V.S. "Ozone depletion : A global problem in Air pollution -Development at what cost " *Daya Publishing House*, Delhi. P. 214, 2003
11. Desai, J., Misra, A.N. and Nair, K.B. Preparation and performance of new base fuel antioxidant based on hindered phenol and heterocyclic amine. *Ind. J. Chem. Tech.* 9, 393 - 396, 2002
12. Bhardwaj, S.K. & Kansara, S.S. The effect of chain length of poly ethylene glycol on properties of castor oil based polyurethane elastomers. *J. Macromol. Sc. Pure Appl. Chem.*, A, 39 (1 & 2), 115-127, 2002
13. Mehta, R. H. and Desai D. Synthesis and Antibacterial activity of some new hydrazies and 1,3,4-oxadiazoles of coumarin derivatives. *Ind. J. Het. Chem.* Vol. 12, 171 - 172, 2002.
14. Patel, S., Purohit, N. and Patel, A. Synthesis, Characterisation and Catalytic activity of a new solid acid catalyst $H_3PH_{12}O_{40}$ supported to the hydrous zirconia. *J. Mol. Cat.* 192, (1-2) , 195 - , 2003.
15. Patel, S. and Patel, A. An enhancement in the thermal stability and acidity of hydrous zirconia in presence of 12 - tungstophosphoric acid. *Ind. J. Chem*, 41A, 528-531, 2002
16. Cyashpalsing, G. and Patel, A. Synthesis of new heterogeneous catalyst comprising 12 - molybdophosphoric acid onto hydrous zirconia. *J. Indian Chem Soc.* 79, 892 - 894, 2002.

Department of Geology

1. Bhatt N. The late Quaternary bioclastic carbonate deposits of Saurashtra and Kachchh, Gujarat, Western India: A review. *Proc. Indian National Science Academy* Vol. 69/A No.2. March,2003. pp.137-150
2. Chamyal, L.S., Maurya, D.M. Status of Quaternary geological studies in India: a Synthesis *Indian Minerals*, 56, pp 1-26, 2002
3. Chamyal, L.S., Maurya, D.M., Rachna Raj Fluvial system of drylands of W.Ind a pynthesis of Late Quaternary environmental and tectonic changes *Quaternary International*, 104, pp.69-86, 2003
4. Chamyal, L.S., Maurya, D.M., Bhandari, S., Rachna Raj Late Quaternary Geomorphic evolution of lower Narmada Valley, W. India: Implications for neotectonic activity along NSF *Geomorphology*, 46, pp. 177-202, 2002
5. Maurya, D.M., Thakkar M.G., Chamyal L.S. Quaternary geology of the arid zone of Kachchh: terra incognita *Proc. Ind. Nat. Sci. Acad.*, 69, pp. 123-135,2003

07. Faculty of Science

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| 6. | Patel S.J.,
B.G. Desai
and Bhatt N.Y. | Origin of Air Trap structure in beach bar complex and their significance. A study from Mandvi coast, Gulf of Kachchh, Western India | Journal Geological Society India 60, pp. 291-399, 2002 |
| 7. | Srikarni, C.
Desai, S.J.
& Limaye, M.A. | Correlation of gravity, magnetic and DSS data with metamorphic facies of pre-cambrian shield of Rajasthan and N. Gujarat: Implications on Tectonic evolution | Geological Survey of India, Spl. Publ. No.75, pp.108-122 (2002) |
| 8. | Sant D.
A., Rangrajan
Govindan | On set of climate change at last Glacial-Holocne transitions : Role of the tropical pacific | Current Science, 83 No.11, pp. 1398-1402, Dec. 2002 |

Department of Mathamatics

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| 1 | Kataria H.R.
Mehta, M.N. | An infinite series solution of Double phase flow due to differential wettability | J. Indian Acad. Math. 24, No. 1 (2002) p.p. 37-44. |
|---|-----------------------------|--|--|

Department of Microbiology

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| 1. | Vaidya, R.J.,
McMil, S.,
Vyas, P.R. and
Chhatpar, H.S. | The novel method for isolating chitinolytic bacterial and its application in screening for hyperchitinase producing mutant of <i>Al. xylosoxydans</i> | Letters Appl. Microbiol. 36 : 1-3 (2003) |
| 2. | Vaidya, R.J.,
Vyas, P.R. and
Chhatpar, H.S. | Statistical optimization of medium components for the production of chitinase by <i>Al. xylosoxydans</i> | Enz. Microbiol. Technol. 92 : 96 (2003) |
| 3. | Vaidya, R.J.,
Roy, S.,
McMil, S.,
Gandhi, S.,
Vyas, P.R. and
Chhatpar, H.S. | Purification & characterization of chitinase from <i>Al xylosoxydans</i> | Biotechnol Letters, 25 : 715-717 (2003) |
| 4. | Desai, A.,
Hanson, K.G.
Acharya, A. and
Patel D. | Microbial degradation of crude oil and some petrochemical pollutant | In : Biotechnology of Microbes and Sustainable Utilization. Pages 291-299.
Ed. : Prof. R.C. Rajak, Jabalpur Scientific Publications, Jodhpur 2002 |
| 5. | Baxi, N.N. and
Shah, A.K. | w-capprolactam degradation by <i>Alcaligenes faecalis</i> for bioremediation of wastewater of nylon-6 production Plant | Biotechnology Letters, 24 : 1177-1180, 2002 |

Department of Physics

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| 1. | Sureshkumar, M.B.
Shah N.R. and
Jaituni A. | Estimation of rotational temperature of $^{121}\text{Sb}^{16}\text{O}$ molecule. | PRAMANA 60 (1) : 95, 2003. |
| 2. | Dhar S.N. and
Desai C.F. | Sb_2Te_3 & $\text{In}_{0.2}\text{Sb}_{1.8}\text{Te}_3$: A comparative study of thermoelectric and optical properties. | Phil. Mag. Lett., 82 : 581, 2002. |
| 3. | Gupte S.S.,
Pradhan R.D.,
Markano A.
Melikechi N. and
Desai C.F. | Laser damage, studies in ZTS : Non-linear optical crystal. | J. Appl. Phys., 91 : 31 2003. |

07. Faculty of Science

4. Sharma A.C. and Bajpai A. Dynamical conductivity of low dimensional systems. Int. J. Mod. Phys. B16 : 1511-1531, 2002.
5. Asharaf S.S.Z. and Sharma A.C. Electron-electron scattering rate for a quantum wire. Solid State Physics 45C : 451, 2002
6. Singh N.L., Sharma A. and Avasthi D.K. Effect of high energy (MeV) ion beam irradiation in polyethylene terephthalate. Nuclear Instrument & Methods B 206 : 1120-1123, 2003.
7. Shah N., Singh N.L., Desai C.F. and Singh K.P. Microhardness and radiation damage studies of proton irradiated kapton films. Rad Measur, 36 : 699-702, 2003.
8. Tommasino L., Jain R.K., O'sullivan D., Prokofiev A.V., Singh N.L., Smirmov A.V., Tripathy S.P. and Viola P. Cosmic-rays neutron spectroscopy by solid state detectors. Rad. Measur., 36 : 307-311, 2003.
9. Shah D.J., Gadkari M.S. and Singh N.L. Complex particle emission in alpha induced reactions on heavy nuclei. DAE Nucl. Phys. India, 45B : 240-241, 2002.
10. Gadkari M.S., Shah D.J. and Singh N.L. Excitation functions for a-induced reactions on nickel. DAE Nucl. Phys. India, 45B : 242-243, 2002.
11. Kanchan D.K., Panchal H.R. & Padmasree K. Mossbauer studies in $nK_2O : (75-y) B_2O_3 : yV_2O_5 : 5Fe_2O_3$ Glass system. Solid State Physics Symp. (India), 45C : 517-518. (2002)
12. Kanchan D.K., Panchal H.R. & Padmasree K. Effect of Iron on Thermal Switching Properties of Potassium Boro-Vanadate Glasses. Solid State Physics Symp. (India), 45 : 207-208. (2002)
13. Sureshkumar M. B., Shah N. R. & Jaituni A. Estimation of rotational temperature of $^{121}Sb^{16}O$ molecule. PRAMANA J. Phys., 60 : 95-98, 2003.
14. Jha P.K. Lattice vibrational properties of TmTe. Solid State Commun., 126 : 159-162, 2003.
15. Jha P.K. and Talati M. Mechanical, elastic and anharmonic properties of zinc blende MgS compound. Physica Stat. Solidi (b), 239 : 1-6, 2003.
16. Jha P.K. and Sanyal S.P. Structural phase transition in curium and uranium monobismuthides. J. Phys. Chem. Of Solids, 64 : 123-27 , 2003.
17. Jha P.K. and Sanyal S.P. Structural phase transition in NpSe and NpTe. J. Phys. Chem. of Solids, 64: 127-31, 2003.
18. Srivastava V., Bandyopadhyay A.K. Jha P.K. and Sanyal S.P. High pressure phase transition and elastic properties of cerium chalcogenides and pnictides. J. Phys. Chem. of Solids, 64: 1-6, 2003.

07. Faculty of Science

19. Talati M., Sanyal S.P. & Jha P.K. Damping of lowest order spheroidal mode of Se quantum dot. Solid State Physics (India) 45C, : 353 , 2003.

Department of Statistic

- 1 Sreehari, M. (Jointly with Rosalsky , A. & Volodin, A.I.) A weak law with random indices for randomly weighted sums of row wise independent random elements in martingale type p Banach Spaces.. Calcutta Statistical Association Bulletin, 58, 85-98, October 2002
- 2 Sreehari, M. (Jointly with Mishra, M.N.) Approximation for a stochastic integral Stochastic modeling and Applications, 5, 1-9, December 2002
- 3 Sreehari, M. (jointly with Rosalsky , A.) Das, N.P. and Shah, U. Understanding Women's reproductive Health Needs in Urban Slums of India: A Rapid Assessment Socio Cultural Dimension of Reproductive child health R.N.Rati (Editor) , A.P.H. Publishing corporation, New Delhi, 2003 , pp.140-169

Department of Zoology

- 1 Dolly K. M.S. Shivkumar & N. Radhakrishnan Diversity of Rhopalocera in Baroda City (in press) *The journal of the M.S. University of Baroda*, edited by Prof. Bonny Pilo. Vol. 49 (2002)
- 2 Siliwal M., Dhuru S., B. Suresh, Naik Y.M. & Pilo B. Checklist of Amphibian from Purna Wildlife Sanctuary, Dangs, Gujarat *Zoos' Print Journal* 18 (7) 1157 – '58 (2003)
- 3 Siliwal M., B. Suresh & Pilo B. Variations in the Web of two related species of spiders *Gasteracantha unguifera* Simon & *Gasteracantha hasseltii* C.L. Koch. *J. Bomb. Nat. Hist. Soc.* 99 (2) 355 – 357 (2002).
- 4 Dhuru S. B. Suresh & Pilo B. Addition to the Rotifer fauna of Gujarat *J. of Aquatic Biology* 18: 35 – 39 (2003)
- 5 Siliwal M & Dolly K. Rare sighting of Ogre-faced spider *Diopis goalparensis*, Family: Araneae in Banana Agro Ecosystem of Vadodara, Gujarat *J. Bomb. Nat. Hist. Soc.* Vol. 100 (1) 160 – 161 (2003)

07. Faculty of Science

III. PAPERS PRESENTED AT INTERNATIONAL / NATIONAL / STATE LEVEL SEMINARS / CONFERENCE, ETC.

Sr. No.	Author(s)	Theme, Organizing Body, Place, and Date of Seminar /Conference	Title of Paper	Published/Unpublished
Department of Biochemistry				
1.	Patel, D.K., Parmar, S., Darpalli, K.D., Joshi, F.R., Nareshkumar,G., & Archana,G.	National Symposium on Microbial phosphate solubilization held at Univ. Agr.Sci.Dharwad Nov .14-15,2002	Repression of mineral phosphate solubilizing (mps) phenotype in the presence of organic acids in <i>Pseudomonas thionscens</i> P ₄ . Biochemistry of MPS phenomenon. Mineral Phosphate Solubilizing ability of <i>Enterobacter asburiae</i> PSI ₃ containing different plasmids.	Unpublished
2.	Nareshkumar,G. Sharma, V. & Archana, G.	International Symposium on Molecular approaches to improved Crop productivity and quality held at Tamilnadu Agr Univ Coimbatore, Tamilnadu , May 22-24,2002		Unpublished
3.	Acharya V. C.Ratna Prabha, C.N.Murthy	Third All Gujarat Research Scholar's meet 23 rd February,2003		Unpublished
Department of Botany				
1.	Jasrai, Y.T. and Sisodia, P.S.	"Environmental Biotechnology and Biodiversity conservation on 31 st Jan. and 1 st Feb. 2003 at Department of Biosciences, S.P. University, Vallabhvidyanagar	Plant diversity in Gir National Park and Sanctuary	Unpublished
2.	Arya, A., Shah, N.R., Arya, C. and Dash, C.	Urban Air Pollution : Issues and solutions IAAPC, Baroda, 22 nd March 2003	Ecofriendly approach to control four fungal biodeteriogens	Unpublished
3.	Arya, A. and Shah T.	Urban Air Pollution : Issues and solutions IAAPC, Baroda, 22 nd March 2003	An efficient method to detect Pollution Load of bioparticles in indoor air	Unpublished
4.	Jasrai, Y.T., Sisodia, P.S. and Singh, H.S.	In present context, at G.K. University, Hardwar, 25-26 May 2002	Plant diversity in Vansada National Park, Vansada (Gujarat)	Unpublished
Department of Chemistry				
1.	Dogra, A., Patil, S., Sharma, S. & Rakshi, A.K.	International Symposium on Recent Trends in Pharmaceutical Sciences", Zydus Reserch Centre, Ahemadabad, January 23-24, 2003.	Studies of the behaviour of aqueous nonionic surfactant solutions.	

07. Faculty of Science

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|----|---|---|--|
| 2. | Shukla, U.
& Rakshit, A.K. | Third All Gujarat Research Scholars Meet (TAGRSM), M.S. University of Baroda . Feb. 23, 2003. | Synthesis, characterization & surface property relation of polycazomethine esters. |
| 3. | Somani, K.,
Patel, N.K.,
Late Kansara,
S.S. & Rakshit, A.K. | - DO- | Polyurethane coatings from noval polyol derived from epoxy resin of castor oil derivative. |
| 4. | Patil, S.R.
& Rakshit, A.K. | - DO- | The effect of additives on cloud point of $C_{12}E_n$ nonionic surfactants. |
| 5. | Sharma, S.
and Rakshit, A.K. | - DO- | Studies of binary surfactant mixtures of cationic dimeric (Gemini) with nonionic $E_{12}E_{10}$ in aqueous medium. |
| 6. | Valodkar, V.,
Tambe, G.L.,
Ravindranathan,
M., Late Ram,
R.N. & Rama,
H.S. | - DO- | Synthesis and mesomorphic characterization of ester based azomesogens. |
| 7. | Yadav, R.B.,
Kulkarni, N.D.
and Bhattacharya,
P.K. | 5th National Symposium in Chemistry at CLRI, Chennai, Feb. 7-9, 2003. | New binuclear copper complexes and the relation between bridging groups and magnetic exchange. |
| 8. | Thaker, N.N. | 90th Indian Science Congress, Bangalore, Jan. 3-7, 2003 | Studies of mesomorphism in binary system, 2-methyl-5-(4'-n-nonyloxy benzoyloxy) pyridine : 4-(4'-n-hexadecyloxy benzoyloxy 3-ethoxy benzaldehyde). |
| 9. | Sharma, P.
and Patel, A. | 16th National Symposium on Catalysis & 1st Indo-German Conference at IICT, Hyderabad, Feb. 6-8, 2003. | n-butanol esterification using heteropoly acid supported onto neutral alumina. |
| 10 | Vithlani, N
and Patel, A. | Third All Gujarat Research Scholars Meet (TAGRSM), M.S. University of Baroda . Feb. 23, 2003. | Synthesis, characterization and use of liquid cheiating exchanger based on b-diketo group. |

Department of Geography

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|----|-----------|--|---|
| 1. | Dash N.R. | Regional Seminar on "Social Implication of India's Economic Reform" organised by Department of Sociology, Dr. Babasaheb Ambedkar Marathwada University, Aurangabad, Maharashtra, 17-18 Jan., 2003. | "Impact of Deforestation of Tribal Economy: A case study of selected Tribal villages on Gujarat." Unpublished |
| | | International Conference on "Mountain Environment and Natural Hazards Management", organised by Department of Geography, NEHU, Shillong, 27-29 March, 2003. | Tribal Literacy in Gujarat" : A special Analysis Unpublished |

07. Faculty of Science

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|----|----------------------|---|---|-------------|
| 2. | Rawal A. & Bane R.P. | XXII INCA International Congress
October 30-November 01, 2002
at Ahmedabad, India. | "Slums: A case study
of Anand." | Unpublished |
| 3. | Bhatt B. M. | National Seminar on Urban Air
Pollution : Problem & Solution Indian
Association for Air Pollution Control
22 nd March 2003. | Air Pollution and Its
Impact: Sum Reflections. | Unpublished |
| | | National Seminar on Urban Air
Pollution : Problem & Solution Indian
Association for Air Pollution Control
22 nd March 2003. | Noise Pollution - Issues
and Implications. | Unpublished |

Department of Geology

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|----|------------------------------|---|---|-------------|
| 1. | Bhatt, N. P,
Bhonde, U.A. | Int. Meet on GLOCOPH-2002
organised by INQUA and Geol. Soc.
India at Pune during 2-4 Dec, 2002 | Geomorphic and Geological
response of the Bhadar &
Ozat rivers of SW Saurashtra,
Western India to the Late
Quaternary climate change. | Unpublished |
| 2 | Chamyal L. S. | Int. Meet on GLOCOPH-2002
organised by INQUA and Geol.
Soc. India at Pune during
2-4 Dec, 2002 | Late Quaternary fluvial
sequences and environments
in lower Narmada basin,
Western India | Unpublished |
| 3 | Karanth, R. V. | International Workshop on Earth
system processes related to Gujarat
Earthquake using space Technology,
Jan 27-29 2003, IIT, Kanpur | Structure and tectonic
framework of Kachchh | Unpublished |
| 4 | Karanth, R. V. | National Group Discussion (DST) on
Active Tectonics in western India,
M.S.University of Baroda
20-21 March 2003 | Interfaces of tectonic
framework of Kachchh | Unpublished |
| 5 | Sant D.A. | On active tectonics in Western India.
Dept. of Geology M.S. University of
Baroda 20-21 March 2003 | Synthesis of processes
in Gulf of Cambay | Unpublished |
| | | Workshop on under waters
Archaeology. Navional institute of
Ocean technology NIOT campus
valchery Chennai 28 June 2002 | Discussion on sediment
characteristic and their use
in understanding processes | Unpublished |

Department of Microbiology

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|----|---|--|--|-------------|
| 1. | Roy, S., Gandhi,
S., Vaidya, R.,
Vyas, P. and
Chhatpar, H.S. | 71 st Annual Conference of Society of
Biological Chemists, Ludhiana, India,
November 2002 | Purification and charact-
erization of chitinase from
<i>Al. xyloxydans</i> and its
potential in degradation of
fungal mycelia | Unpublished |
| 2. | Jiwan, D.,
Vaidya, R.,
Vyas, P. and
Chhatpar, H.S. | 71 st Annual Conference of Society
of Biological Chemists, Ludhiana,
India, November 2002 | Crustacean chitin waste
management and
optimization of chitinase
production from bacterial
isolate | Unpublished |

07. Faculty of Science

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|----|--|--|---|-------------|
| 3. | Desai, A. | National symposium on "Microbial diversity in sustainable development" March 1-2, 2003 Ahmedabad | Biotechnology and bioremediation : success and limitations | Unpublished |
| 4. | Joshi, F.R.,
Kholiya, S.P.,
Panchal, B.,
Archana, G. and
Desai, A.J. | 43 rd Annual Conference of Association of Microbiologists of India, 11-13 December 2002 CCS Haryana Agriculture Univ., Hissar | Studies on cross utilization of siderophores amongst rhizobial isolates of the cowpea miscellany group and non-rhizobial isolates | Unpublished |
| 5. | Mishra, S.,
Chaturvedi, R.,
Nath, A. and
Desai, A. | Serum Institute of Industrial Research, Delhi
February, 24-25, 2003 | Chiral compounds from bacterial polyester, polyhydroxybutyrate | Unpublished |
| 6. | Kholiya, S.,
Joshi, F.
and Desai, A. | National Symposium on "Environmental biotechnology & biodiversity conservation" 31 st January & 1 st February 2003. Dept. of Biosciences, S.P.University, V.V.Nagar, Gujarat | Characterization of siderophore production by <i>Rhizobium</i> spp. and its utilization | Unpublished |
| 7. | Joshi, F.,
Kholiya, S.
and Desai, A. | 2 nd Gujarat State Research Students Meet 26 th February 2003; Dept. of Biosciences, S.P.University, V.V.Nagar, Gujarat | Studies on cross utilization of siderophores amongst rhizobial isolates of the cowpea miscellany group and non-rhizobial isolates | Unpublished |

Department of Physics

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|----|--|--|--|-------------|
| 1. | Somayajulu D.R.S.,
Sebastian K.C.,
Chawda M.,
Patel N. and
Sarkar M. | Solid State Physics Symposium DAE, Punjab University, Chandigarh, Dec. 26-30, 2002. | Quanpole interactions at Fe in Sb_2Se_3 system. SSP (India).45 : 473-474, | Published |
| 2. | Pandya G.R.,
Shah R.R.,
Vyas S.M.
and Jani M.P. | National Seminar on crystal growth 24-26 Feb. 2003, Crystal Growth Center, Anna University, Chennai. | Growth an dislocation etching of $InBi_{0.8}Se_{0.2}$ Single Crystal. | Unpublished |
| 3. | Pandya G.R.
and Shah D. | - do - | Microhardness study of $InBi_{0.85}Se_{0.15}$ Single Crystals | Unpublished |
| 4. | Bhavsar S.R.,
Pandya G.R.,
Bhatt V.P. and
Kotak M.D. | - do - | Growth and Characterization of $In_xBi_{2-x}Se_3$ Crystals. | Unpublished |
| 5. | Singh N.L.,
Sharma A.
and Avasthi D.K. | 13 th International Conference on Ion beam modification of materials, Kobe, Japan, Sept. 1-6, 2002. | Effects of high energy (MeV) ion beam irradiation in poly-ethylene terephthalate (PE). | Unpublished |
| 6. | Pandya G.R.,
Shah K.R.,
Shah R.C. and
Shah N.R. | Crystal Growth Centre, Anna University, Chennai, 24-26 Feb. 2003. | Optical BG of $InBi_{1-x}Se_x$ thin films. | Unpublished |

07. Faculty of Science

7.	Kanchan D.K., Padmasree K., Khare P.C. and	International Conference on Materials for Advanced Technologies, 7-12 Dec. 2002. Kulkarni A.R.	Structural & Transport properties of Cd ₂ doped silver ion conducting glasses.	Unpublished
8.	Jha P.K.	One Day Seminar on nanostructure, March 21 st , 2003.	Vibrational properties of Se and MgO quantum dots.	Unpublished
9.	Jha P.K. and Sanyal S.P.	Int. Conference on phonons in condensed matter, Bhopal, Jan. 20-23, 2003.	Vibrational properties of Zinc chalcogenides at high pressure.	Unpublished
10.	Talati, M. and Jha P.K.	- DO -	Phonons in MgO nanoparticles.	Unpublished
11.	Aynyas M., Jha P.K. and Sanyal S.P.	Int. Conference on High Pressure Science and Technology.	Many body interaction effects on high pressure structural properties of ytterbium pnictides.	Published. "Advances in High pressure and Technology, Eds. A.K. Bandyopadhyan, D. Vardhani, K. Lal, National Physical Laboratories, New Delhi, pp. 211-214, (2002)
12.	Aynyas M., Jha P.K. and Sanyal S.P.	- DO -	High Pressure Structural and elastic properties of thorium chalcogenide and pnictides.	- DO -
13.	Panchal H.R.	18 th International Conference on CODATA-2002, Montreal, Canada, from 29 th September - 3 rd Oct. 2002.	Electrical conduction mechanism studies in potassium Boro-Vanadate Iron Glass System.	Unpublished.

Department of Statidics

1	Sreehari, M.	22 nd Annual conference of the Indian society for probability and statistics, University of Pune , August 11-14, 2002	On compound distributions	Unpublished
2.	Das, N.P.	Annual conference of the Indian society for Probability and Statistics, Pune University, Dept. of Statistics, Pune 11-14 August 2002	Understanding the correlative fosters behind stalling of Infant Mortality in Indian: An application of Path analysis	—
3.	Dey, D.	"National seminar on population and development in Jharkhand" organized by IIPS, Mumbai at Ranchi, March 3-4, 2003.	Fertility Dynamics of Women in Jharkhand: A study Baed on NFHS-2 Data	Unpublished

Department of Zoology

1	Dhuru S., B. Suresh & Pilo B.	National conference on Environ- mental Biology, Dept. of Biosciences, Saurashtra University, Rajkot (17 th to 18 th October 2002)	Biodiversity of the riparian zone of River Vishwamitri	Unpublished
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07. Faculty of Science

		National conference on Environmental Biology, Dept. of Biosciences, Saurashtra University, Rajkot (17 th to 18 th October 2002)	Biodiversity of the riparian zone of River Vishwamitri	Unpublished
3	Devkar R.V., Patel C.S. & Ramachandran A.V.	XXI symposium of the Society for Reproductive Biology & Comparative Endocrinology	Alterations in carbohydrate metabolism & pancreatic islet functions in pigeons treated with pineal indoles & p-CPA	Unpublished
4	Padate G.S.	Urban Air Pollution: Issues & Solutions. Indian Association for Air Pollution Control, Baroda	Influence of Air Pollution on Birds	Unpublished

IV TALKS OF ACADEMIC NATURE GIVEN IN PROFESSIONAL PROGRAMMES (TO BE PRECISE):

Sr. No.	Name(s)	Nature of Professional Programmes	Title	Participated as
Department of Biochemistry				
1.	Rasheedunisa B.	UGC Refresher Course	1) Eukaryotic genome organization and Gene expression. 2) Cell cycle and apoptosis.	Resource person
2.	Nareshkumar, G.	First International meeting on Microbial phosphate solubilization, held at Univ of Salamanca, Salamanca, Spain, July 16-19, 2002. UGC Sponsored Refresher Course, Dept of Microbiology, M.S. Univ., Baroda. Sept 27 th , 2003.	Genetic modification of rhizobacteria for enhanced organic acid secretion and phosphate solubilization.	Invited Talk
3.	Katyare, S.S.	Refresher Course sponsored by UGC organized by the Dept on Advances in Biochemistry Oct 10-30, 2002	1) Role of ROS in diabetic cardiomyopathy. 2) Alzheimer's disease- Evaluation of AI as a factor using a net model. 3) Mechanisms of enzyme action and overview.	Resource person
4.	Telang, S.D	Dept of Biochemistry M.S.U International workshop on recent advances in nanotechnology of magnetic fluid. Jan 22-24, 2003. New Delhi.	Novel detection technique of Biomolecular interactions.	Resource person
5.	Saiyed, Z.M, Telang, S.D, Ramchand, C.N Gupta, S.	Refresher Course on Advances in Biochemistry at Dept of Biochemistry M.S.U Baroda.	Neuroendocrinology	Resource person Speaker

07. Faculty of Science

Department of Botany

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|----|--------------|--|--|------------------|
| 1. | Daniel, M. | National Seminar on "Awareness of Biodiversity for acclimatisable environment" Janakdevi Bajaj College, Wardha on 9 th Aug. 2002. | Phytochemicals and patenting | Key note address |
| 2. | Jasrai, Y.T. | Refresher Course on Advances in Biochemistry at M.S. University of Baroda, Vadodara during 10-30 October 2002 | 1. Plant Tissue Culture Methods in Agriculture
2. <i>In vitro</i> morphogenesis in <i>Passiflora</i> leaf discs | Resource Person |

Department of Chemistry

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|----|---------------|---|---|---|
| 1. | Rakshit, A.K. | i. ISTAR, V.V. Nagar, Anand, Oct. 17, 2002
ii. Chemistry Department, St. Francis Xavier Univ. Canada, Acadia Univ. Canada & at University of Pierre of Marie Curie, Paris, France. July 16, Aug. 08 & Sept. 3, 2002.
iii. 39th Annual Convention of Chemists, Nagarjuna Univ. Nagarjunanagar, Dec. 24, 2002.
iv. National workshop on 'Engineering Materials' ERDA, Baroda. March 11, 2003.
v. National Seminar on 'Urban Air Pollution Issues & solutions, Indian Association for Air Pollution Control, Baroda, March 22, 2003. | Surfactant and surfactant Aggregates.
Physicochemical properties of self assembled microheterogeneous systems
Research on Surfactants - A perspective.
Study of Thermal properties of crystallinity of polymeric materials.
Urban Air Pollution - Problems and Solutions. | Resource Person.
Resource Person
Invited Speaker
Resource person
Resource person. |
| 2. | Devi, S.G. | 14th Surfactant in Solution Symposium, Barcelona, Spain, June 9 - 14, 2002. | A Journey in the Microemulsion of styrene, Butyl acrylate, methyl methacrylate, ethyl acrylate and 2-hydroxy ethyl acrylate. | Invited Speaker |

Department of Geography

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|----|-------------|---|--|------------------|
| 1. | Kanchan R. | Refresher Course | 2001 Census : Methodology and Highlights. | Resource person |
| 2. | Rawal A. U. | UPSC Examination Training Centre Sardar Patel Institute of Public Administration. | Various topics of Geography, as per mentioned UPSC course. | Resource person. |

Department of Geology

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|---|-------------|--|----------------------------|-----------------|
| 1 | Joshi, A.V. | UGC sponsored Refresher Course, Pune University, Pune 25 th March to 22 nd April 2002 | 'Dinosaur's Eggs Discovery | Resource person |
|---|-------------|--|----------------------------|-----------------|

07. Faculty of Science

		UGC sponsored Refresher Course, Pune University, Pune 11-31 December, 2002	'Dinosaur's nesting sites and histology	Resource person
2	Karant, R.V.	UGC Sponsored Refresher Course for University & College Teachers Department of Geography, M.S. Univerisity of Baroda (4.6.02)	Earthquakes and volcanism	Resource person
		Extra Mural Lecture : Shivaji University, Solapur 17.2.03	1) Bhuj Earthquake 2) Precious stone	Invited Lecture
		National Institute of Oceanography, Goa 18.6.02	Seismotectonic	Invited Talk
		P G. Center Tiruchnirapalli Univesity 14.12.02	Gemstones	Invited Talk
Department of Mathamatics				
1	Vyas R.G.	Refresher Course in Mathematics from 29-4-2002 to 18-5-2002 at Department of Mathematics, S.P. University, Vallabh Vidyanagar, Anand	Digital Image Processing	Invited Talk
2.	Kataria H.R.	Refresher Course in Mathematics, Department of Mathematics, S.P. University, Vallabh Vidyanagar. From 29/4/2002 to 18/5/2002	About some of the Irrational numbers	Participant
Department of Microbiology				
1.	Chhatpar, H.S.	Refresher course conducted by Dept. of Biochemistry, M.S. University, Baroda on "Advances in Biochemistry", 10 th October 2002	Translocation of proteins across mitochondria	Resource person
2.	Desai, A.	Refresher course conducted by Dept. of Biochemistry, M.S. University, Baroda on "Advances in Biochemistry", 15 th October 2002	Biochemical basis of xenobiotic degradation	Resource person
3.	Bagchi, T.	Refresher course conducted by Dept. of Biochemistry, M.S. University, Baroda on "Advances in Biochemistry", 15 th October 2002	Advances in Biochemistry	Resource person
4.	Vyas P.	Forum on contemporary theory Seventh National Workshop	Science and Colonial Reasoning	Paper presented
Department of Physics				
1.	Somayajulu D.R.S.	Vakjo University, Vakjo, Sweden. 29 th Nov. 2002	Hyperfine Interaction studies in Magnetic semiconductors.	Invited Lecture.
		Arhus University, Arhus, Denmark. 10 th Dec. 2002	FeSeSe : Is it a magnetic semiconductor at RT.	Invited Lecture.
		ISOLDE, CERN Geneva, Switzerland. 10 th Jan. 2003	Magnetic Hyperfine Interactions in Dilute alloys.	Invited Lecture.

07. Faculty of Science

		CNRS, GRENOBLE FRANCE. 13 th Jan. 2003	Hyperfine Interaction studies in dilute FeSb.	Invited Lecture.
		Goettingen University, Goettingen, Germany. 20 th Jan. 2003	A Mossbauer case study of 3d magnetism.	Invited Lecture.
		Niels Bohr Institute, Copenhagen, Denmark. 13 th Feb. 2003	Intriguing guest atoms in semiconductors.	Invited Lecture.
2.	Sharma A.C.	ERDA, Baroda. 12 th March, 2003	Nanomagnetism.	Invited Lecture.
		Seminar on theoretical physics, March 2003 at S.P. University, Vidyanagar.	Electron-electron scattering in semiconductor nanostructures.	Invited speaker.
		One day seminar on nano- structures, March 24 th 2003, at M.S. University of Baroda.	Electron-electron interactions in nanostructures.	Invited speaker.
		Refresher Course in Physics at S.P. University, Vidyanagar.	Superconductivity.	Resource person.
3.	Singh N.L.	21 ST international Conference on Nuclear Tracks in Solid, New Delhi, Oct. 21-25, 2002.	Physical and chemical response of 50MeV Li ³⁺ ion irradiated blended polymer.	Invited speaker.
		Workshop on Radiation Detector, March 14, 2003 N.S.C., New Delhi.	Development of fission detectors for the measurement of high energy neutrons.	Contributed talk.
4.	Jha P.K.	International Conference on Phonons in Condensed Matter, Jan. 20-23, 2003.	Phonon properties of Rare earth compare.	Invited Speaker.

Department of Statistics

1	Sreehari, M.	Extra Mural Lectures (Surat Jun. 20,21,2003)	Markov chains	Invited Speaker
		Extra Mural Lecturers (Shivaji University, Kolhapur, Jan 29-Feb.2, 2003)	Limit theorems in Probability	Invited Speaker
		Extra mural Lectures (Gujarat University Ahmedabad, 24-25 Feb,2003)	Probability	Invited Speaker
		Refresher course (Guj. University Ahmedabad, March 24, 2003)	Bivariate	Resource Person
2.	Desai, G.S.	National seminar on urban air pollution issues and solutions, organized by Indian association for air pollution control, Baroda , 22 nd March 2003.	Geometric distribution characterization	Resource Person
3.	Das, N.P.	Application of GIS in health sector, organized by centre for research and development, Vardaan foundation, Baroda, 27-29 March, 2003.	—	Resource Person

07. Faculty of Science

Department of Zoology

1	Pilo B.	National conference on Environmental Biology, Dept. of Biosciences, aurashtra Uni., Rajkot 17 th & 18 th October 2002	1. Transient hyperglycaemia in critically ill patients of SSG & BAGH 2. Human population & Biodiversity	Invited lecturer
		Biomedical Technology M. Sc. Course – Dept. of Zoology, Gujarat Uni., Ahmedabad 6 th February 2003	Biomedical Technology: Imaging techniques	Invited lectures
2	Pilo B.	M. Sc. Zoology, Dept. of Zoology, Gujarat University, Ahmedabad 6 th February 2003	Biogeography & Biodiversity	Invited lectures
3	Ramachandran A.V.	U.G.C. visiting professor at Dept. of Zoology, Ahmedabad, Gujarat University	1. Melatonin & its functions 2. Cytoplasmic factors in devpt. 3. Tissue interactions in organogenesis	Invited talk “ “
		Refresher course in Biochemistry Dept. of Biochemistry, M.S. University of Baroda	Molecular mechanisms of fertilization	Resource person

VI PARTICIPATION IN ACADEMIC BODIES OF UNIVERSITIES, OTHER THAN M.S.U.

Sr. No.	Name(s)	Academic body of Universities/Institution and place	Participated as
Department of Botany			
1.	Jasrai, Y.T.	Board of Studies (Botany), Bhavnagar University, Bhavnagar	External Member
Department of Geography			
1.	De, J.	University of Mumbai	Member Board of Studies
2.	Kanchan R.	Board of Studies Dr. H.S.Gaur University, Sagar	Expert - Academic Member
3.	Rawal A.U.	Board of Studies, Geography, Gujarat University.	Member
Department of Geology			
1.	Limaye, M. A.	Board of studies in Geology North Maharashtra University, Jalgaon, Maharashtra held on 10-02-2003	Member
Department of Mathamatics			
1	Kataria H.R.	Refresher Course in Mathematics, Department of Mathematics, S.P. University, V.V. Nagar, from 29/4/2002 to 18/5/2002	Participant
Department of Microbiology			
1.	Shah, A.K.	Board of Studies (BOS) in Marine Biotechnology Goa University, Goa	External BOS Member
Department of Physics			
1.	Somayajulu D.R.S.	Board of Studies in Nuclear Physics, Andhra University, Visakhapatnam.	External Expert

07. Faculty of Science

2. Pandya G.R. Board of Studies in Physics, S.P. University, Vallabh Vidyanagar. Member.

Department of Statistics

1. Sreehari, M. Gujarat University, Ahmedabad Board of Studies
2. Parikh, A.M. and Das, N.P. Research coordination committee organized by Regional Director (Health and F.W.), Govt. of India, Regional Office for Health and Family Welfare, MOHFW, Ahmedabad, at Health secretariat, Gandhinagar, 8 January 2003 Members of the committee
3. Das, N.P. Review committee meeting to evaluate RCH campus, Dai training and outreach services organized by MOHFW, Govt. of India, New Delhi, 21 March 2003. Coordinator
- Standing committee of the WSRC, M.S. University, Baroda, 18 September, 2003. Member

Department of Zoology

- 1 Patel P.V. Board of studies in Zoology, South Gujarat University, Surat Subject expert
- Board of studies in Zoology, Bhavnagar Uni., Bhavnagar Subject expert
- 2 Pilo B. Academic Council, Gujarat Agricultural University, Dantiwada. Member
- Academic Council, Wildlife Institute of India, Dehradun Member
- 3 Ramachandran A.V. Board of studies in Aquatic Biology, South Gujarat University, Surat Nominated Member

VII PERFORMANCE BY INDIVIDUAL/GROUP

Sr No.	Name(s)	Place and Date(s)	Nature of Performance
1.	Singh N.L.	IUC-DAEF Kolkata Centre, March 27-28, 2003.	Project Review Meeting.
2.	Kanchan D.K.	EXCEL, Railway Staff College, Baroda. 20.1.2003 (2 Sessions).	Guest Lecture.
3.	Jha P.K.	M.S. University of Baroda, Vadodara.	Worked as reviewer for the Journal of Condensed Matter: Physics, Journal of Applied Phys. (D), Superconducting Science and Technology, Institute of Physics, U.K.
		University of Bhopal, Bhopal, 3-4, Jan. 2003.	Collaborative Discussion.

VIII 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.	Garge, S.K.	UGC Research Award	Sustainable development of wastelands

07. Faculty of Science

Department of Statistics

- | | | | |
|----|--------------|---|---|
| 1. | Sreehari, M. | Elected as fellow of National Academy of Sciences | Significant contributions to limit theorems in Probability and Characterization problems. |
|----|--------------|---|---|

IX. MEMBERS OF FACULTY :

Sr.No.	Name (Dr./Mr./Ms.)	Designation	Area of Interest/Research
Department of Biochemistry			
1.	Dr.(Ms) S.D.Telang	Professor	Neurochemistry
2.	Dr.(Ms)Tara Mehta	Professor	Nutritional Biochemistry
3.	Dr.S.S.Katyare	Professor	Biomembrances, Bioenergetics, Endocrinology and Neurochemistry.
4.	Dr.M.D.Jani	Reader	Enzyme Chemistry
5.	Dr.G.Nareshkumar	Reader	Molecular Biology
6.	Dr.(Mrs)R.Begum	Reader	Molecular Biology
7.	Dr.(Mrs)S.Gupta	Reader	Endocrinology, Clinical Biochemistry, Metal Toxicity
8.	Dr.(Ms)J.Pohnerkar	Reader	Molecular Biology
9.	Dr.(Mrs) P.Robin.	Lecturer	Plant Biochemistry
10.	Dr.S.R.Acharya	Lecturer	Enzymology
11.	Dr.C.Ratna Prabha	Lecturer	Protein Folding
Department of Chemistry			
1.	Shah Amrish C.	Professor	Photochemistry & Synthetic Organic Chemistry.
2.	Rakshit Animesh Kumar	Professor	Surface Chemistry & Polymer Chemistry.
3.	Devi Surekha G.	Professor	Polymer Chemistry, Surface Chemistry & Analytical Chemistry.
4.	Shah Bipinchandra V.	Professor	Co-ordination Chemistry.
5.	Desai Sureshchandra M.	Professor	Synthetic Organic Chemistry.
6.	Kamath Bola V.	Professor	Catalysis and Analytical Chemistry.
7.	Mistry Vinodbhai N.	Professor	Liquid Crystal.
8.	Rama Haskote S.	Professor	Polymer Chemistry
9.	Shah Shailesh R.	Reader	Synthetic Organic Chemistry.
10.	Kulkarni Neelima D.	Reader	Co-ordination Chemistry
11.	Thaker Narendra N.	Reader	Liquid Crystal.
12.	Trivedi Bhavna M.	Lecturer	Catalysis
13.	Tandel Ramniklal C.	Lecturer	Liquid Crystal.
14.	Purohit Nalini V.	Lecturer	Bio-organic Chemistry
15.	Chakraborty Debjani C.	Lecturer	Bio-inorganic Chemistry.
16.	Basrur Usha A.	Lecturer	Electro Chemistry
17.	Fitter Kokila R.	Lecturer	Polymer Chemistry
18.	Patel Anjali U.	Lecturer	Catalysis
19.	Soman Shubanki S.	Lecturer	Bio-organic Chemistry
20.	Samnani Prakash B.	Lecturer	Catalysis
21.	Ajmeri Abdulsajjad A.	Lecturer	Catalysis.

07. Faculty of Science

Department of Geography

- | | | |
|----|--------------------------|-----------|
| 1. | Prof. (Mrs.) De Jayasree | Professor |
| 2. | Dr. Dash N.R. | Reader |
| 3. | Dr. (Mrs.) Kanchan Rolee | Reader |
| 4. | Dr. Ansari A.A. | Reader |
| 5. | Mrs. Rawal Ami. U. | Lecturer |
| 6. | Dr. (Ms.) Bhatt B.M. | Lecturer |

Geog. Of Health, Reg. Planning
 Agricultural Geog., Social Geog.
 Regional, Health & Population Geog.
 Geomorphology, Fluvial & Agriculture
 Remote Sensing
 Geog. of Health, Env. Geography

Department of Geology

- | | | |
|--|------------------|-----------|
| | Dr. P. P. Patel | Professor |
| | Dr. N.D. Desai | Professor |
| | Dr. R.V. Karanth | Professor |
| | Dr. S. Ganapathi | Professor |
| | Dr. L.S. Chamyal | Reader |
| | Dr. K. C. Tiwari | Reader |
| | Dr. A.V. Joshi | Reader |
| | Dr. B.S. Deota | Reader |

Env. Geology, Hydrogeology, Engineering
 Geology.
 Env. Geology, Eng. Geology, Quaternary Geol.
 Structural-tectonics, Mineralogy
 Sedimentology
 Quaternary Geology
 Hydrogeology, Engineering Geology
 Sedimentology, Stratigraphy
 Applied Geomorphology, Remote sensing &
 GSI
 Geomorphology
 Palaeontology
 Economic Geology
 Metamorphic Petrology
 Geochemistry
 Quaternary Geology
 Quaternary Geology, Sedimentology

- | | | |
|--|------------------|----------|
| | Dr. D.A. Sant | Reader |
| | Dr. S. J. Patel | Reader |
| | Dr. S.I. Vaid | Lecturer |
| | Dr. M.A. Limaye | Lecturer |
| | Dr. N. Sharma | Lecturer |
| | Dr. D.M. Maurya | Lecturer |
| | Dr. Nilesh Bhatt | Lecturer |

Department of Mathematics

- | | | |
|----|-------------------------|-----------|
| 1 | Prof.(Dr.) Patadia J.R. | Professor |
| 2 | Mr. Patwa N.F. | Reader |
| 3 | Dr. Dave B.I. | Reader |
| 4 | Dr. Das T.K. | Reader |
| 5 | Dr. Das R.T. | Lecturer |
| 6 | Dr. Vyas R.G. | Lecturer |
| 7 | Dr. Thomas V.O. | Lecturer |
| 8 | Mrs. Pamnani B.M. | Lecturer |
| 9 | Mrs. Gupta S.R. | Lecturer |
| 10 | Dr. Kataria H.R. | Lecturer |

Fourier Analysis, Classical Harmonic Analysis
 & Topology
 -
 Special Functions/Basic Hyper Geometric
 polynomials
 Topology & Topological Dynamics
 Topology/Analysis
 -
 Classical General Relativity
 -
 -
 Fluid Flow Through Porous Media

Department of Microbiology

- | | | |
|----|---------------|-----------|
| 1. | Chhatpar H.S. | Professor |
| 2. | Chattoo B.B. | Professor |
| 3. | Desai A.J. | Professor |
| 4. | Shah A.K. | Professor |

Microbial Physiology & Biochemistry Applied &
 Env. Microbiology
 Molecular Biology, Genetic Manipulation,
 Bioprocess Development
 Product Development,
 Environmental Protection
 Microbial Physiology, Fermentation, Env.
 Biotech.

07. Faculty of Science

5.	Nair M.	Reader	Enzyme Technology, DNA Markers in Clinical Diagnostics, Molecular Biology
6.	Manjrekar J.	Reader	DNA Sequence Analysis, Microbial Diversity
7.	Chandani B.	Reader	Protein folding
8.	Bagchi T.	Reader	Biopesticides & Disease Diagnostics
9.	G.Archana	Lecturer	Enzyme Evolution, Genetic Engineering for Biofertilizer Development
10.	Ingle S.S.	Lecturer	Applied & Environmental Microbiology
11.	Vyas P.R.	Lecturer	Applied & Environmental Microbiology
12.	Nerurkar A.S.	Lecturer	Applied Microbiology
Department of Physics			
1.	Prof. Somayajulu D.R.S.	Professor	Experimental Condensed Matter Physics, Experimental Nuclear Physics, Experimental Hyperfine Interactions. Spectroscopy.
2.	Prof. Shah N.R.	Professor	Solid State Experimental.
3.	Prof. Pandya G.R.	- do -	Experimental Solid State Physics.
4.	Prof. Desai C.F.	Professor	Condensed Matter Theory.
5.	Prof. Sharma A.C.	- do -	Experimental Nuclear Physics.
6.	Prof. Singh N.L.	- do -	Particle Physics.
7.	Dr. Bandukwala J.S.	Reader	Experimental Solid State Physics.
8.	Dr. Shah R.C.	- do -	- do -
9.	Mrs. P.P. Kulkarni	- do -	- do -
10.	Dr. Otia J.R.	- do -	Particle & Nuclear Theory.
11.	Dr. Singh J.P.	- do -	Experimental Solid State Physics.
12.	Dr. Vaishampayan N.V.	- do -	Solid State, Material Science & Solid State Nuclear Physics.
13.	Dr. Kanchan D.K.	- do -	Solid State Physics
14.	Mrs. S.C. Desai	Lecturer	Spectroscopy.
15.	Dr. Sureshkumar M.B.	- do -	Solid State, Luminescence & Applications, Material Science.
16.	Dr. Srinivas M.N.	- do -	Solid State Physics.
17.	Dr. (Ms.) Patel M.B.	- do -	Atomic & Molecular Physics.
18.	Dr. Rathod D.G.	- do -	Solid State & Material Science.
19.	Dr. Mehta P.K.	- do -	Experimental Condensed Matter Physics, Nuclear Solid State Physics.
20.	Dr. Sebastian K.C.	- do -	Condensed Matter Physics.
21.	Dr. Jha P.K.	- do -	Experimental Condensed Matter Physics, Nuclear Solid State Physics.
22.	Mr. Patel N.V.	- do -	Solid State Physics.
23.	Dr. Panchal H.R.	- do -	
Department of Stastics			
1	Prof. M. Sreehari	Professor	Probability/Stochastic Process
2	Prof.Parikh A. M.	Professor	Design of experiment
1.	Prof.(Mrs.)Nandi S.N.	Professor	Statistical Quality Control
2.	Dr. Kalamkar V.A.	Reader	Time Series Modelling
3.	Dr.(Mrs.)Shah M.N.	Reader	Inference
4.	Mrs. Shah J.H.	Lecturer	Applied Statistics

07. Faculty of Science

5.	Mr. Patel D.K.	Lecturer	Applied Statistics
6.	Dr. Roy Banibrata	Lecturer	Statistical Quality Control
7.	Mrs. Kandpal Deepa	Lecturer	Operations Research
Department of Zoology			
1	Dr. Bonny Pilo	Professor	1. Physiology 2. Biodiversity 3. Endocrinology 4. Avian Biology
2	Dr. A.V. Ramachandran	Professor	1. Reproductive Physiology 2. Developmental Biology 3. Endocrinology
3	Dr. Asnani M.V.	Professor	1. Developmental Biology
4	Dr. Naik Y.M.	Professor	1. Developmental Physiology 2. Amphibian Biology 3. Environmental Biology 4. Ecology
5	Dr. N. Radhakrishnan	Professor	1. Entomology 2. Developmental Physiology of regenerating lizard tail
6	Dr. Patel P.V.	Professor	1. Neuroendocrinology 2. Developmental Physiology & Diabetes
7	Dr. R.G. Panicker	Professor	1. Avian Biology
8	Dr. (Mrs.) Gulabani H.D.	Reader	1. Physiology
9	Dr. Mankodi P.C.	Reader	1. Fishery Biology 2. Environmental Biology 3. Muscle Physiology
10	Dr. (Mrs.) Kumar Dolly	Reader	1. Entomology
11	Dr. (Mrs.) Parikh P.H.	Reader	1. Physiology 2. Neuroendocrinology 3. Environmental Biology
12	Dr. (Ms) Padate Geeta	Lecturer	1. Reproductive Physiology 2. Avian Biology 3. Wildlife Biology
13	Dr. Vachhrajani K.D.	Lecturer	1. Toxicology 2. Environmental Biology 3. Reproductive Biology
14	Dr. (Mrs.) Salunke Sunita	Lecturer	1. Physiology 2. Biochemistry
15	Dr. B. Suresh	Lecturer	1. Toxicology 2. Wildlife Biology 3. Limnology

X IMPORTANT EVENTS/ACTIVITIES OF THE FACULTY/ UNIT

Description of the Event	Date, Time & Place	Photographs attached (if any) with their description
Department of Physics		
1. One Day Seminar on Nanostructure.	24.3.2003, Vadodara.	

XII. CURRICULUM UPGRADATION

(A) SUBJECTS OFFERED :

Department of Geography

Post graduate syllabi was upgraded as per UGC Model curriculum.

Department of Statistics

1. Statistical Inference
2. Stochastic Processes and their applications.

(B) Options Offered :

Department of Statistics

- (A) Advanced Operation Research
- (B) industrial Statistics
- (C) Statistical computing
- (D) Advanced Course in Design of Experiments

Department of Zoology

At the postgraduate level following Special subjects are offered.

1. Advanced animal physiology, Reproductive biology and human biology
2. Biodiversity, Wildlife Biology & Ornithology
3. Entomology: General & Applied
4. Fishery & Aquatic biology

XIII. ADDITIONAL FACILITIES CREATED

(A) New Equipments

Department of Biochemistry

- | | |
|---|----------|
| 1. Biorefrigerator with Glass Door | 10-04-02 |
| 2. Microscopes -3 Nos. | 09-05-02 |
| 3. Refrigerated Table Top Centrifuge with 3 rotors. | 13-05-02 |
| 4. Gel Documentation Analysis System Camera & Accessories
With stabilizer | 14-05-02 |
| 5. H.P.L.C. | 16-05-02 |
| 6. UV-VIS Spectrophotometer with Cell Holder and D ₂ Lamp
for helios Gamma, Glass Cell 10mm path. | 25-05-02 |
| 7. BOD Incubator | 01-07-02 |

Department of Geology

Digital Altimeter

Department of Microbiology

1. Fermentor with accessories

07. Faculty of Science

2. HPLC with accessories
3. Deep-freezer
4. Stabilizer
5. Chiller for electrophoresis
6. Hybridization oven
7. French press with accessories
8. Spectrophotometer with accessories
9. Autoclaves - 2 Nos.
10. Empty Hydrogen Gas Cylinder

Department of Physics

1. X-ray diffractometer with generator.
2. Four probe conductivity setup – close cycle He cryostate, Nanovoltmeter, constant current source.
3. L.C.R. Bridge.
4. 16 P-4 dark top computers.
5. Inkjet colour printer.
6. Two air-conditioners for research labs.

Department of Statistics

Multimedia LCD Projector purchased from IXth Five year plan, on 25.9.2002 cost \$ 2500/- (Rs. 1,31,000/-)

Department of Zoology

1. Automatic Knife sharpner
Radial make, model – RMS – 100

(B) New Laboratories /Seminar Rooms /Teaching Aids :

- i. Departmental Library.
- ii. Seminar Room.

Department of Mathematics

The Department receives recurring grant of about 2.4 lakh per year from NBHM for Library purpose. The departmental Library purchase research level books and monographs from this amount. This year one class room (Newly constructed) was provided for the Mathematics Department.

Department of Microbiology

Modification of ground floor research laboratory has been done and further development in the same is in progress.

Department of Physics

- Seminar / staff meeting room has been developed.
- Computational condensed matter physics research laboratory developed.

07. Faculty of Science

XIV. DISTINGUISHED VISITORS AT DEPARTMENTS/FACULTY

Sr. No.	Name with Full Address	Designation	Date(s) of visit	Purpose
Department of Chemistry				
1.	Dr. L. Behra, Department of Electrical Engg., I.I.T. Kanpur.	Asst. Professor	19.10.2002	Making of an Einstein.
2.	Dr. R.T. Sane, Ruia College, Mumbai	Principal	11.01.2003	Standardisation of Herbal Medicine.
3.	Dr. Sachi Gosavi Cattech		21.02.2003	Non-adiabatic electron transfer at metal surfaces.
Department of Mathematics				
1	Prof. Subhash J. Bhatt Dept. of Mathematics, S.P. University, Vallabh Vidyanagar	Professor	11/1/2003	To deliver IMS sponsored invited lecture
Department of Microbiology				
1)	Dr.K.Prabhakaran	Vice-President, Synbiotics Ltd. Baroda	Aug.2002	Seminar Lecture
2)	Dr.Hanson K.G.	Amberlem Univ. Germany	Sept. 2002	Seminar Lecture
Department of Physics				
1.	Prof. D.S. Joag Poona University.	Professor	24.10.2002	To deliver talk.
2.	Prof. P. Kopcansky Slovakia.	"	28.1.2003	To deliver talk.
3.	Prof. V.B. Sapre Nagpur University.	"	19.2.2003	Member 10 th Plan Committee.
4.	Prof. P.K. Sen GISTS, Indore.	"	24.3.2003	To deliver talk in one day seminar on nanostructures.
5.	Prof. Ajay Gupta Director, IUC Indore Centre.	Director	24.3.2003	To deliver talk in one day seminar on nanostructures.
6.	Dr. D.K. Awasthi NSC, New Delhi.	Scientist	24.3.2003	To deliver talk in one day seminar on nanostructures.
7.	Prof. D.S. Mishra	IIT, Poona.	24.3.2003	To deliver talk in one day seminar on nanostructures.
8.	Prof. B.M. Arora	TIFR, Mumbai.	24.3.2003	To deliver talk in one day seminar on nanostructures.

07. Faculty of Science

Department of Zoology

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|---|--|--------------------------------|--|------------------------------|
| 1 | Dr. John C. George
Professor Emeritus,
Department of Zoology,
University of Gulph,
Ontario, Canada | Professor | 2 nd -6 th Jan. 2003 | Under Dr. C.S. Patel Lecture |
| 2 | Dr. H.S. Singh
Wildlife Circle,
Forest Department, Baroda | Chief Conservator of
Forest | 8 th October 2002 | Wildlife week celebration |

XV. ACADEMIC PROGRAMMES ORGANISED BY DEPTT./FACULTY

Name of Programme	Department	State/National/International	Funding Agency
Department of Geography			
UGC Refresher Course	Geography	National	UGC
Department of Physics			
One Day Seminar on Nanostructures.	Physics.	National.	UGC.
Students			
Department of Bio-chemistry			
1. S.Aishwarya Navjot Singh Pabla Abhishek C Kannan K	M.Sc Students	State	1st Prize in Science Quiz held at the Faculty of Science.
2. Ameet Shetty	M.Sc Student	State	1st Prize in Microbiology Minaxi Lalit Scholarship Award of Gujarat of Science Academy.
Abhishek.C	M.Sc Student	State	1 st Prize in Biochemistry Minaxi Lalit Scholarship Award of Gujarat of Science Academy.
3. Prashant D Kunjadia	Ph.D.	State	1 st Prize in 2 nd Gujarat State Research Students Meet held at S.P. University, Vallabh Vidya Nagar on 26 th Feb,2003. Effect of Nitrogen Source on the Excision of nifD element of Anabaena Strain PCC 7120 in E.coli.

07. Faculty of Science

Department of Microbiology

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|----|--|--------------|----------|---|
| 1. | Aparna Akolkar,
Ami Pandya,
Nilkanth Faldu,
Prayag Murawala | Microbiology | — | Inter-departmental
Science Quiz - 3 rd prize |
| 2. | Debashish Menon
(M.Sc. student) | Microbiology | State | Receive Minaxi Lalit
Award |
| 3. | Swapna Bhat
(M.Sc. student) | Microbiology | National | Selected for Late Prof.
D.V. Tamhane Memorial
Endowment Fund - Essay
Competition |

Department of Physics

- | | | | | |
|----|------------------|---------|--|--|
| 1. | Parikshit Khatri | Physics | International | Admitted in Draxer Univ.,
USA with Fellowship. |
| 2. | Ajay Mogarkar | Physics | International | Admitted in Ph.D. Course,
Tennissi Univ., USA. |
| 3. | Anita Sharma | Physics | International | Presented Research
paper in International
conference in ion beam
modification of materials,
held in Japan. |
| 4. | Shreejit | Physics | National (IAPT).
State. (Minaxi Lalit Aard) | Centre topper.
State No.1 in B.Sc.
(Physics) |
| 5. | Kopal Seth | Physics | National (IAPT). | 2 nd at Centre. |

8A. Faculty of Education and Psychology

I. (A) PUBLISHED BOOKS (B) MONOGRAPHS (C) EDITED VOLUMES (D) OTHERS

Sr. No.	Author(s)	Title	Name of Publisher, Date and Year of Publication and Total Pages
Department of Education			
1	Joseph, K.S.	Learning to Educate	Gold Rock Publications, Vadodara, Feb., 2003 Pages 375
2	Kothari, R.G. & Mehta A.L. Doshi, V. (Editors)	Total Quality Management in Education (Special Volume of Ganit Darshan)	Samasti Trust Vadodara Jan-March 2003 Page 72
3	Kothari, R.G.	Social Crisis and Educational Research	C.A.S.E, M.S.Univ. Baroda, March, 2003 Page 123
4	Khirwadkar, A.	Modern Methods of Teaching Chemistry	Swarup & Son's, New Delhi, 2002- Page 200
5	Mani, R.S.	Transforming Values in Personal, Professional and Organization life in value based leadership in Education	Anmol Publication Pvt. Ltd. 2002, New Delhi Page 178-185
6	Mehta, A. & Buch, J.	Question Bank for Standard VIII in Gujarati Subject	Gurjar Prakashan, Ahmedabad, 2002 Page 236
7	Mehta, A. & Kapadia, S. Patel, R.G.	Question Bank for Standard IX in Gujarati Subject	Gurjar Prakashan, Ahmedabad, 2002 Page 1-235
8	Mehta, A. & Kapadia, S. Patel, R.G.	Question Bank for Standard X in Gujarat Subject	Gurjar Prakashan, Ahmedabad, 2002 Page 1-251
Deptt. of Educational Administration			
1	Pradhan, N. & Joshi, K.	Essential Qualities of Top Educational Leaders	Monograph, Dept. of Educational Admn. M.S.University of Baroda, 12-1-2003 Page 28
2	Pradhan, N. & Talegoakar, V. Chaudhary, R.	Professional Ethics of University and College Teachers	Monograph, Dept. of Educational Admn.M.S.University of Baroda . 12-1-2003 Page 28
3	Pradhan, N. & Talegoakar, V. Chaudhary, R.	A Study of Academic Supervisor in Schools of Baroda city.	Monograph, Dept. of Educational Admn.M.S.University of Baroda 12-1-2003 Page 28

II. PUBLISHED ARTICLES /PAPERS IN JOURNAL(S) / EDITED VOLUMES

Sr. No.	Author(s)	Title	Name of Journal, Volume Number, Page Number and Date.
Department of Education			
1	Acharya, V.R. Kothari, R.G	Technology Value Chain - The First Gear for making the use of ICT in Education - A reality	ICT in Education CASE Publication Aug. 2002 Page: 21-23 M.S.Univ. Baroda

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		Managing Internet in Schools	ICT in Education CASE Publication Aug. 2002 Page, 175-178 M.S.University, Baroda
2	Acharya V.R. Kothari, R.G. Sharma, R.	Adolescence and Sex Education Need of the Day	Social crisis and Educational Research CASE Publication March - 2003, Page : 24-28 M.S.University, Baroda
3	Biswal, A. & Das, J.	Orientation of Teachers for Value Based Education	Nurture Values through school Education NCERT Bhopal Page : 85
		Frontline Contingency & Oragmatic Earnicnal umbul T.E : Need of the hour	Policies & Issues in TE, CASE, MSU Baroda Page: 90- 98, Jan, 2003
4	Biswal, A. & Joshi, S.	Globalization & Gender Equality : A Lesson to Learn.	Globalization & Challenge for Edu, NIEPA, New Delhi.
		Techno - pedagogic competecries through constructivism : A changing Agenda	Policies & Issues in TE, CASE, MSU Baroda Page : 118-130, Jan, 2003
5	Biswal, A. & Srivastava, S,	Process and product Novnas for integrating values in TE through CCA	Polices & Issues in TE, CASE, MSU Baroda Page : 175-181, Jan, 2003
6	Begur, S.R. R.	Research Priorities in Teacher Education	Policies and Issues in Teacher Education CASE Publication, Jan,2003 Page No. 242-243, M.S.Univ Baroda,
7	Goel, D.R. & Goel, C. Earnest, M. F	Information and Communication Technology in Education : Challenges	University News Vol 40 No. 20 Page No. 1-10 May 20-26, 2002
8	Goel, D.R. & Goel C.	Rationalisation of Higher Education	University News Vol - 40 No. 26 Page No. 1-4 July 1-7, 2002
9	Goel, D.R. & Goel C, & Das, A. & Shelat, P.	Teacher Education in India : Policies and Issues	Policies and Issues in Teacher Education, A CASE Publication Page NO. 5-17 January 2003
10	Goel, D.R. & Goel, C. & Das, A. & Shelat P.	Social Crisis and Educational Research	Social Crisis and Educational Research a CASE Publication, Page, 33-40, 2002-2003,M.S.Univ Baroda
11	Joseph, K. S.	Learning to cope with stress and distress	Perspectives in Education, Oct., 2002 Vol 18, No. 4 : PP. 217-234
		Social Problems and Methods of Research	Social Crisis and Educational Research CASE, M.S.Univ Press Baroda, Page, 41-49, 14.1.03
		Some Reflections over the Language of curriculum transaction	Policies and Issues in Teacher Education CASE, M.S.Univ Press Baroda , Jan. 2003, Page, 38-49.
12	Kothari, R.G. Dinker G	Values through Education	Nurturing Values through School Education R I E Bhopal Feb, 2003 Page , 20-25,

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13	Kothari, R.G.	Quality in Education	Ganit Darshan; Special Volume on Total Quality management in Education January - March 2003 Page No. 35-39
14	Kothari, R.G. Acharya, V.R	Curriculum Conception in Teacher Education	Policies and Issues in Teacher Education CASE, M.S.Univ Press Baroda, Page, 74-77 Jan., 2003
15	Kothari, R.G Dinker, G.	Erosion of Values and Social Crisis and Role of Education Research	Social Crisis and Educational Research CASE, M.S.univ Baroda March 2003, Page. 1-8.
16	Khirwadkar, A. & Tomar, A	Vocationalization of Secondary Education: A Panacea for Higher Education	Social Crisis and Educational Research M.S.Univ, Baroda, 2002-03,
		Integrating Techno Pedagogic skills in Teaching Learning	Policies and Issues in Teacher Education CASE. M.S.Univ Baroda - 2002-03
17	Mani, R.S	AIDS Awareness and Prevention	Journal of Community Guidance and Research, 19 (2) July 2002
		Transformation of Teacher Education Towards Quality Education In Policies and Issues in Teacher Education	Policies and Issues in Teacher Education (Seminar Volume) Vadodara CASE, M.S.U 2002-03 PP. 18-23
		Quality of Educational Research and Social Crisis	Social Crisis and Educational Research (Seminar Volume), Vadodara : CASE M.S.Univ PP. 67-69, March, 2003
18	Mehta, A. & Patel R.C & Kumar S.	Privatisation of School Education	Perspective in Education CASE SAP May,2002
19	Mehta, A. K.	Paryavarun Jagruti Zumbesh Bhavai	Adhyayan and Adhyapan, Gurjar Parkashan Ahmedabad, June 2002
		Hindi Shikshan Paddhati	Adhyayan and Adhyapan, Gurjar Parkashan Ahmedabad, August,2002.
		Role of School Principal	Adhyayan and Adhyapan, Gurjar Parkashan Ahmedabad, Feb,2003
20	Mehta, A.K.& Patel, R.C	Practice Teaching of B.Ed. Programme, CASE	Policies and Issues in Edu Jan. 2003
21	Oza, D. J & Sharma, M.	Researches on Education for disabled an Iceberg for disability	Social Crisis and Educational Research CASE Publication 2002-03 Policies & Issues in Teacher Education 14-01-03
22	Patadia, H. & J.	Multicultural aspects of Mathematics Teacher Education Programmes.	Mathematics Teacher Education and Development (MTED Vol, 4) (2002) PP. 57-68 Merga
23	Patadia, H. J .	Reflection of Student Teachers on Value Crisis in Indian Society,	Social Crisis and Educational Research (2002-2003) CASE Publication PP. 9-14

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		UGC Model Curriculum : Reflection on B.Ed Courses and Methods of Teaching	Policies and Issues in Teacher Education, (2002-03) CASE M.S.Univ, Baroda PP. 103-108
24	Patel, R.C. & Mehta A	Practice Teaching At CASE	Policies and Issues in Teacher Education CASE,FEP,M.S.Univ, Baroda - 2002
25	Patel , R.C. & Mehta, A. Panigrahi, S.C.	Interdisciplinary Research in Education : A Response to Social Crisis.	Social Crisis and Educational Research CASE, FEP, M.S.Univ. Baroda 2003
26	Panigrahi, S.C. & Kumar, R	Value A Third Force of Humanistic Educational Leadership.	Value Based Leadership in Education DEA, 2002
27	Panigrahi, S.C. Patel, R.C.	Interdisciplinary Research in Education : A Response to Social Crisis.	Social Crisis and Educational Research CASE, FEP, M.S.Univ. Baroda , 2003
28	Panigrahi, S.C.	Contribution of Qualitative Research for policy making in Teacher education.	Policies and Issues in Teacher Education CASE,FEP,M.S.Univ, Baroda - 2002
29	Panigrahi, S.C.& Goel, D.R	The Stumbling Block in Cyber cat Odyssey.	ICT in Education, CASE, , M.S.Univ Baroda , December - 2002
30	Patel, S.	Research Culture in Baroda DIET	Policies and Issues in Teacher Education - CASE M.S.Univ. Baroda, 2002
31	Pandya, J	Impact of Social Crisis on Educational Research	Social Crisis and Educational Research - A CASE Publication FEP M.S.Univ. Baroda, 14.1.2003
32	Rao, Y.D	Necessary & Sufficient Conditions for Accreditation of Teacher Education Institutions	Policies & Issues in Teacher Education. PP. 199-204, Jan. 2003
		What Why & How of Research in Education Related to the issue of social Crisis	Social Crisis & Education Research CASE , PP. 57-62 M.S.Univ. Baroda, 14.1.2003
33	Srivastava, S.	Bridging the Digital divide community Initiatives	I.C.T. in Education CASE publication 2002-2003
		The role of Media in Promoting Value	Nurtuing Values through School Education, RIE, NCERT, Bhopal, Feb, 2003
34	Tomar, A. & Khirwadkar, A.	ICT Applications in Educational Planning and Management	Networking of Educational Institutions an Implication of ICT. Oct, 2002 NIEPA
Department of Educational Administration			
1	Joshi, S. & Biswal, A.	Globalization & Gender Equality : Lessons to Learn	Edited Volume Globalization & Challenge for Education, NIEPA New Delhi, 19-21 Feb. 2003
2	Joshi,S. & Biswal, A.	Techno - Pedagogic Competencies through Coustructivism : A Changing Agenda	Policies and Issues in Teacher Education, CASE, M.S.Univ. of Baroda, Page 118-130. Jan. 16-17, 2002

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| 3 | Pradhan, N. | Input, Process and Output Norms for Secondary Teacher Education | Policies and Issues in Teacher Education, CASE, M.S. University of Baroda Baroda - 2002-2003 |
| | | Value Based Management in Education : A Challenge for the New Millennium. | Value based leadership in Education, Anmol Publication PVT. LTD New Delhi 2002. |
| 4 | Pradhan, N. & Talegaonkar, V. & Chaudhary, R. | A Perspective Plan for Quality Teacher Education | Policies and Issues in Teacher Education, CASE, M.S. University of Baroda Baroda - 2002-2003 |
| 5 | Sahasrabuddhe, M. & Vasava, S. | Trends of Researches in Teacher Education : An Indian Perspective. | Policies & Issues in Teacher Education, Page No. 232-234, 2003 Publication CASE, Faculty of Edu. & Psychology, The M.S. University of Baroda, Vadodara. 2002-03 |
| 6 | Sahasrabuddhe. M. | Educational Policies & Researches in India | Social Crisis & Educational Research Page No. 119-120, CASE, Faculty of Education & Psychology. The M.S. University of Baroda, Vadodara. 2002-2003 |

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| 1 | Biswas, U. N. and Daftuar, C. N. | Adolescence, Sexuality and Health : Awareness and perceived constraints among out of school slum adolescents. | Psychology in India : Intersecting crossroads, (ed.) V. Vindhya (2003) Concept publications, New Delhi, p.p. 176-202. |
| 2 | Biswas, U. N. and Biswas, S. N. | Institutional leadership : A value based approach. | In S. Joshi C., & K. Puspanadham (eds.) Value Based Leadership in Education : Perspective and approaches, Anmol Publication, New Delhi, p.p. 28-49, 2002. |
| 3 | Biswas, U. N. and Mathew, R. | Impact of Perceived empowerment on managerial effectiveness: Study of a manufacturing organization. | Indian Journal of Applied Psychology; 56-57(4), 68-79, 2002. |
| 4 | Biswas, U. N. | Book Review of Behavioral Quotient by C. N. Daftuar. | Indian Journal of Training and Development, XXXII(1), 126-128, 2002 |
| 5 | Daftuar, C. N. | Emerging Trends in I/O psychology in India. | Indian Journal of Psychological Review, 56-57(4), 3-5, 2002 |
| | | Effective Leadership Styles in Indian Organization : A Look within. | Indian Journal of Psychological Review, 56-57(4), 6-24, 2002 |
| 6 | Daftuar, C. N. and Nair, P. | Organizational Culture construction of Scales. | Indian Journal of Psychological Review, 56-57(4), 117-126, 2002 |
| 7 | Jabeen, S. | Management Strategies in Education. | In S. Joshi & K. Puspanadham (eds.) Value Based Leadership in Education: perspectives and Approaches, Anmol Publications New Delhi, 113-125, 2002 |
| 8 | Mahapatra, M. and Mishra, B. | Job-lay-of : The challenge of the Millennium. | Indian Psychological Review, 56-57, Special issue, 2002. |

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- 9 Purandare, V. M. Values for personal, professional and Organizational Team formation: an Indian Perspective. In Joshi, S. & Puspanadham K. (eds.) Value Based Leadership in Education, Anmol Publication, New Delhi, 250-260, 2002
- 10 Quraishi, Z. M. and Arora, N. Suicidal tendency among institutionalized aged in relation to psychological non-psychological variables. Indian Journal of Clinical Psychology, 27(2), 260-261, 2002
- 11 Verma, A. Value based leadership in education : A challenge for new millennium. In S. Joshi and K. Puspanadham(eds.) Value Based Leadership in Education : Perspective and Approaches, Anmol Publications, New Delhi, 126-153, 2002

III. PAPERS PRESENTED AT INTERNATIONAL / NATIONAL / STATE LEVEL SEMINARS / CONFERENCES.

Sr. No.	Author(s)	Theme, Organizing Body, Place and Date of Seminar / Conference	Title of the Paper	Published/ Unpublished
1	Acharya, V.R. & Kothari, R.G.	Policies & Issues in Teaching Education CASE, M.S.University of Baroda, Baroda , 27-28 , December, 2002	Curriculum Concerns in Teacher Education	Published
2	Acharya, V.R. & Kothari, R.G. Sharma, R.	Social Crisis & Educational Research CASE, M.S. University of Baroda, 27-28 February, 2003.	Adolescence and Sex Education -Need of the day	Published
3	Biswal, A & Joshi, S.M.	ICT Application in Education Planning & Management, NIEPA, New Delhi, 17-18 ,October, 2002	Digital Divide : Concern for digital empowerment	Unpublished
		Policies & Issues in Teacher Education, CASE, M.S.University Baroda, Baroda, 27-28, Dec., 2002.	Techno Pedagogic Competencies Through	Published
4	Biswal, A & Srivastava, S	Policies & Issues in Teacher Education, CASE, M.S.University Baroda , Baroda , 27-28, December 2002	Process & Product norm for Integrating values in TE Through CCA	Published
5	Biswal, A. & Das, J & Chandrakar, M.	Policies & Issues in Teacher Education, CASE, M.S.University of Baroda, 27-28, December, 2002	Frontline, Contingent & Pragmatic Curriculum for Teacher Education	Published
6	Biswal, A. & Chandrakar, M	Globalization : A Challenge to Educational Managers, Dept. of Ednl. Admn. M.S.Univ.Baroda,Baroda, 17-18 January, 2003	Digital Empowerment : A Challenge to ednl. Managers	Unpublished
7	Biswal, A .& Das, J	Nurturing Values through School Edu, NCERT, Bhopal, Feb., 6-8, 2003	Orientation of Teachers for Value Based Education	Published
8	Biswal, A. & Joshi, S.M.	Globalization & Challenges for Education, NIEPA,New Delhi, 19-21 February , 2003	Globalization & Gender Equality : Lessons to Learn.	Published
9	Begur, SR.R	Teacher Education, CASE Vadodara, 27-28, Dec, 2002 Seminar	Research Priorities in Teacher Education	Published

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10	Deota, N.P	National Seminar on Globalization a Challenge to Educational Management CASE, M.S.Univ Baroda 17, 18th Jan, 2003	Value - Imbibing in Educational Management in the Context of Globalization as reflected in Ancient Sanskrit Literature.	Unpublished
		National Seminar on Social crisis and Educational Research - CASE M.S.Univ. on 27, 28th February, 2003	Spiritual Education as a Panacea to Social Crisis	Unpublished
11	Goel, D.R. & Goel, C. & Das, J. & Shelat, P.	Policies & Issues In Teacher Education, National Seminar, CASE, 27-28- December, 2002	Teacher Education in India : Policies and Issues	Published
12	Goel, D.R. & Goel, C. Shelat, P.	National Conference on Globalization : A Challenge to Educational Management Department of Educational Administration, M.S.Univ.of Baroda ,Vadodara, Jan 17-18 2003	Current Trends and Issues in Educational Management	Unpublished
13	Goel, D. R & Sarangi, D.	National Conference on Globalization : A Challenge to Educational Management Department of Educational Administration Vadodara, Jan 17-18 2003	Managing School Education for Equity and Equality	Unpublished
14	Joseph, K..S.	Social Crisis and Educational Research, CASE, Faculty of Education & Psychology, M.S.Univ Baroda,Baroda.27-28,Feb.,2003	Social Problems and Methods of Research	Published
		Policies and Issues in Teacher Education, CASE, Faculty of Education & Psychology, M.S.Univ Baroda 27 & 28 December, 2002	Some Reflections over the Danger of curriculum Transaction	Published
15	Kothari, R.G.	Quality Improvement at Secondary Education Board & DEO Baroda, 4-9-2002	Quality Improvement at Secondary Level (Three Paper)	Unpublished
		Improving S.S.C Result Secondary Education Board & D.E.O.Baroda 25-2-2002	Factors affecting achievement of students	Unpublished
		One day Seminar for Teacher Education - Intel Teach to the future, Ahmedabad 29-11-2002.	Integration of ICT in Teacher Education Curriculum	Unpublished
		One day Seminar on Quality Improvement Education for 21st Century D.E.O Baroda & Acharya Sangh, Baroda - 3-1-2003		Unpublished
16	Kothari, R.G. Dinkar, G.	Regional Seminar on Nurturing Values through School Education R.I.E NCERT Bhopal 6-8 Feb. 2003	On Cultivating Values through School Education	Published
		National Seminar on Social Crisis and Educational Research, CASE M.S.Univ Baroda 27-28 Feb. 2003	Erosion of Values - A Social Crisis & Role of Educational Research	Published

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17	Kothari, R.G.	One day seminar on Quality Improvement In Education , D.E.O. Kheda, Anand, Charotar Institute of Technology. Changa- 12 March 2003.	Effective School Correlates	Unpublished
18	Khirwadkar, A. & Tomar, A,	Globalization : A Challenge to Educational Management 17-18 Jan 03. DRS, DEA, Baroda	Transforming Indian Higher Education Winds of Change	Published
		National Seminar on Social Crisis & Educational Research 27-28 Feb, 03	Vocationalization of Secondary Education: A Penacea for higher Education	Published
19	Oza, D.J. & Sharma, M.	Social Crisis and Educational Research National Seminar, at CASE February , 27-28, 2003	Research on Education for disabled - an Iceberg for disability	Published
20	Patadia, H.J.	Migration and Regional Balancing Between the Cultures at the International Seminar, Patan 22-24 Dec.,2002	Migration and regional balancing	Unpublished
		UGC Model Curriculum : M.S.University of Baroda, Vadodara. 27-28 Dec.,2002	Reflection on B.Ed Courses & Methods of Teaching	Published
		International Seminar on Comparison Between Indian & Canadian Educational Systems, Faculty of Home Science, M.S.University of Baroda, Baroda, 16-1-2003	Immigrants Vision	Unpublished
		National Seminar on Globalization & Educational Management, Dept.of Edu. Admn.,M.S.Univ.,of Baroda,Baroda , 17-18 Jan.,03	Reflection of Student Teachers on Value Crisis in Indian Society	Unpublished
		Exam Reforms at UGC Golden Jubilee National Seminar, M.S.University of Baroda, Baroda 13-2-2003.	Exam Reforms at University	Unpublished
21	Patel, R.C. & Mehta, A.M.	National Seminar on Policies and Issues in Teacher Education CASE, FEP, M.S.Univ Baroda - 27-28, December, 2002	Practice Teaching at CASE	Published
22	Pandya, J. & Sikdar, M.	National Conference on Globalization A Challenge to Educational Management, Dept. of Edu. Adm.FEP. M.S.Univ.Under DRS UGC Project 17 & 18 January, 2003	Encountering and countering Globalization	Unpublished
23	Pandya, J.	Social Crisis and Educational Research on 27th & 28th Feb. 2003 by CASE FEP M.S.Univ. of Baroda	Impact of Social Crisis on Educational Research	Published
		Problems & Issues in Teacher Education, CASE under SAP UGC. M.S.Universtiy of Baroda, Baroda, 27 & 28 Dec, 2002	Problems & Issues in Teacher Education	Published

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24	Rao, Y. D.	Policies & Issues in Teacher Education CASE Fac of Edu & Psy M.S.Univ. Baroda ,Baroda, Dec. 27 - 28 2002	Necessary & Sufficient Conditions for Accreditation of Teacher Education Institutions	Published
		Social Crisis & Educational Research Dept. of Education, Faculty of Edu & Psy., M .S.Univ. Baroda, Baroda, Feb, 27-28 2003	What, Why, and How of Research in Education Related to the Issue of Social Crisis	Published.
		Globalization : A Challenge to Educational Management DRS/UGC - II Dept of Ednl. Admn. M.S.Univ. Baroda, Baroda, 17- 18 January, 2003	Value Based Educational Management with a Global vision & Mission: Some Policy Issues	Unpublished
25	Srivastava, S.	National Seminar on ICT Application in Educational Planing & Management NIEPA, New Delhi, 17-18 Oct, 2002	Bridging the Digital Divide - Community Initiative	Published
		National Seminar on Nurturing Values Through School Education RIE, NCERT, Bhopal, 6,7,8, February , 2003	The Role of Media in Promoting Values	Published
		International Conference on Globalization & Challenge of Education for Equity & Equality, NIEPA, New Delhi ,19-21. Feb.,2003	Globalization - Moving towards Gender Inequality	Unpublished
26	Sikdar, M. & Talegaonkar V.	On Field Experiences & Expectations Implications for Teacher Education UGC-SAP CASE, Fac of Edu & Psy, M.S.Univ. Baroda, December, 27-28, 2002	Policies and Issues in Teacher Education	Published
27	Sikdar, M. & Pandya, J.	Globalization & Challenge for Education NIEPA, New Delhi, February, 19-21, 2003	Attempting a Paradigm Shift to avert disequilibrium in the era of Globalisation	Unpublished
28	Tomar, A. & Khirwadkar, A .	National Seminar, Globalization : Impact on Management of Higher Education Dept. of Ednal Admn., M.S.University of Baroda, Baroda , 17-18, February , 2003	Cross Border Education Impact on Management of Higher Education	Published
		Globalization and Challenge for Education NIEPA, New Delhi, 19-21 Feb., 2003	Metamorphosis of Education in the era of Globalization	Published
		ICT Applications in Educational Planning and Management NIEPA, New Delhi Oct. 17-18 2002	Networking of Educational Institutions- An Implication of ICT.	Published
29	Talegaonkar, V. & Pradhan, N & Choudhary, R. & Joshi, K	Policies & Issues in Teacher Education CASE Fac of Edu & Psy. M.S.University of Baroda, Baroda 27-28,Dec.,2002	A Perspective plan for quality Teacher Education	Published

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30	Talegaonkar, V. & Sikdar, M.	Policies & Issues in Teacher Education CASE Fac of Edu & Psy. M.S.University of Baroda, Baroda 27-28, Dec. 2002	On Field Experiences and Expectations: Implications for Teacher Education.	Published
31	Talegaonkar, V. & Pradhan, N Choudhary, R & More, S.	Globalization : A challenge to Education Management Dept. of Educational Administration DRS/UGC, Project Phase-II The M.S.Univ. of Baroda 17th and 18th January , 2003	Research Imperatives in the Contact of Internationalization of Indian Higher Education	Unpublished
32	Talegaonkar, V. & Pradhan, N. Choudhary, R. & Joshi, K.	Globalization : A challenge to Education of Management Dept. of Educational Administration DRS/UGC, Project, Phase-II The M.S.Univ. of Baroda 17th and 18th January , 2003	Globalization : A Needed Paradigm Shift in Educational Management	Unpublished

Department of Educational Administration

1	Joshi, S. & Biswal, A.	ICT Application in Education Planning & Management, NIEPA, New Delhi 17-18 October, 02	Digital Divide : Concern for digital Empowerment	Unpublished
		Policy & Issues in Teacher Education, CASE, M.S.Univ.Baroda, Baroda , 27-28 December, 2002	Teacher - Pedagogic competencies through constructivism Process & Product Issues on integrating values in Teacher Education	Published
		Globalization : Challenges for Education, NIEPA, New Delhi ,19-21 Feb, 2003	Globalization & Gender Equality learn here	Published
2	Joshi, S. & Pushpandham, K.	National Conference on Globalization : A challenge for Educational Management DEA /DRS. Project Phase-II, Dept.Edu. Admn.M.S.Univ.Baroda, Baroda, 19-21, Feb., 2003	Globalization : A challenge for Educational Management	Published
3	Joshi, S.	International Conference on Educational Management organized by CCEAM University of Sweden, Sweden, September 2002	Training of Educational Administrators	Published
4	Pradhan, N.	Globalization : A Challenge to Educational Management DRS/UGC Project Dept. of Edu. Admn. Faculty of Education & Psychology M.S.Univ 17-18 January 2003.	Challenges to Educational Management in the global Era	Unpublished
		Policies and issues in teacher Education, CASE, SAP Project, M.S.Univ of Baroda Baroda, 27-28, Dec., 2002	ICT In Education	Published
		Women Education Managers, Faculty of Home Science, M.S.Univ. of Baroda, February 2003	Women Education leaders.	Unpublished

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5	Pushpanadham, K.	International Conference on Globalization and Educational Management, Organized by NIEPA, New Delhi 19-21 February , 2003	Equity & Equality in Education in the Era of Globalization.	Published
		National Conference on Globalization : A Challenge to Educational Management, NIEPA, New Delhi ,19-21, Feb,2003.	Information Management	Published
		ICT in Educational Planning & Administration NIEPA New Delhi 17-18, Oct.,2002	Strategies of School Principal - an Educative Study	Published

Department of Psychology

1	Biswas, U. N.	Stress, M. L. Sukhadia University, Udaipur, 7, 8, 9 November, 2002.	A study of mental health and coping strategies among professional working, non-professional working and non-working women.	Unpublished
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IV. TALKS OF ACADEMIC NATURE IN PROFESSIONAL PROGRAMMES

Sr. No.	Name (s)	Nature of Professional Programmes	Title	Participated as**
1	Acharya, V.R.	Seminar /Workshop Conducted by DEO Baroda Organised by Commissioner for Schools Gujarat Sec./ Higher Sec Baroda 9th 11th November, 2002 At Ambe Vidyalaya Baroda	Quality Improvement Programme for secondary & Higher Secondary School Principals	Resource Person
2	Biswal, A.	Training Programme for Secondary Education Teacher in English at H. M. Patel Institute Vidyanagar.	Educational Technology in English Teaching	Resource Person
3	Joseph, K.S.	Teachers Orientation Programme M.S.Univ M.S.Hotel Ambe Vidyalaya Vadodara June 6th 2002	Effective ways of Instruction	Resource Person
		Inservice Training Programme Mira The Happy School, Baroda 27 July 2002	Building English Climate in the Class room	Resource Person
		Orientation of Teachers of MGM BASIL & S t Basil School 10th August 2002	Managing Instruction in Class room	Resource Person
4	Kothari, R.G.	Inservice Training Program for Mathematics teacher of Secondary School. 05-06-02	Strengthening teaching of Mathematics	Resource Person
		Inservice Training Program for School Teachers. 07-06-02	Concept of Reflective Teaching	Resource Person
		Inservice Training Program for School Teachers,. 07-06-02	Factor affecting Achievement	Resource Person

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		Inservice Course for Teacher of Birla Cellulosic. 13-06-02	Factors affecting Mathematics	Resource Person
		Academic Staff College orientation Programme for University/ College Teacher. 18, 19 July 02	Curriculum Development	Resource Person
		S. M. N.K. Dalal College of Education Ahmedabad, 3-8-02	Curriculum for 21st Century	Speaker
		Orientation Programme for School Teachers, 10-11-02	Curriculum Concerns for School Education	Key noted address
		Training Programme for School Teachers of Society for Village Development in Petrochemical Area. 4-3-02	Factors affecting learning of Students	Resource Person
		R. P. Anand College of Education, Borsad, 8-02-03	Quality Improvement in Education Borsad.	Invited talk
		Inservice Training Programme for School Teachers, 9-2-03	Effective School Correlates	Resource Person
5	Mani, R.S.	Workshop on Enhancing the Teaching Competencies Birla Cellulosic (GRASIM) CASE M.S.Univ. in June 12.2002	Teaching Competencies and use of Technology (Computer)	Resource Person
6	Oza, D. J	Orientation Program to teachers at AMBE Vidyalaya- M.S. Hostel Samasali (8.06- 2002)	Teacher - Role and Responsibility	Resource Person
		Workshop Preparation of Sexuality Education modules for adolescents Teachers and Parents,HDFS Dept. M.S.Univ. of Baroda, Baroda.	Sexuality Education Modules	Resource Person
		Workshop at WSRC, M.S.Univ. of Baroda, Baroda	Quest for gender awareness and Semitivity	Resource Person
		Workshop-SVADES, Baroda,	Positive attitude and Communication	Resource Person
		Workshop Society for Village deweling to Primary teachers, Petrochemical Area. 26-28 Novemeber,2002	Teachers Role in motivating students for Education	Resource Person
		GCRT GS & HSE Principals effective leadership in Commission Quality improvement of Education.	Institutional Climate & culture Environment	Resource Person
		Workshop, DIET , Baroda. 21-10-2002.	Fundamental Understanding of Research and its types	Resource Person

8A. Faculty of Education and Psychology

7	Rao, Y.D.& Patel, R.C.	Orientation for Teachers for Science Teachers in Hig Sec. Schools Under Orthodox Church School Council Vadodara 10 Aug, 2002	How to make Science Teaching Learning Process Interesting	Resource Person
8	Srivastava, S.	Workshop on Communication skills conducted by Bright Day School Baroda 19 July 2002. Personal Development, MGM School Baroda	Workshop on Communication Skill The need for Assertive Behaviour for organizational Effectiveness	Resource Person Resource Person
9	Tomar, A & Khirwadkar, A.	ICT Applications in Educational Planning and Management Oct, 17/18 2002	Networking of Educational Institutions an Implication	Resource Person
10	Sikdar, M.	Enrichment Programme at Mira School Urmi Road, Baroda on 28, Sept. 2002	Innovative methods of English Teaching	Resource Person
11	Thomas, V.D.	Empowering Teachers a Workshop Organized by Friends of moral Reagmament, Panchagani, Maharashtra	Self- Empowerment and Empowerment of other	Resource Person

Department of Educational Administration

1	Pradhan, N.	Staff Appraisal of School Teacher at MGM School, Baroda, Feb,2003 Staff Appraisal of School Teachers, Bhavans School Majalpur, Baroda April, 4, 2002	Essential of Staff Appraisal of School Teacher Appraisal of School Teacher	Resource Person Resource Person
2	Pushpanadham, K.	Professional Development Program for teacher of Mathematics & Sciences Navarachana School, Baroda, 2002 Teacher Leadership for effective School Managements SFS School Visakhpatnam. Dec. 2002	Meaningful learning in Mathematics Teacher Leadership for School management	Resource Person Resource Person

Department of Psychology

1	Sompura, R. T.	Teachers Training for ITI teachers of gujarat	Measurement and training methodology	Speaker
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V. CONTRIBUTION IN CONDUCTING PROFESSIONAL PROGRAMME / ASSISTANCE EXTENDED IN ADMINISTRATIVE / ACADEMIC PROGRAMME:

Sr. No.	Name (S)	Programme (s), Place and Date (s)	Participated as
1	Acharya, V.R	Workshop on Quality Improvement Programme for School Principals's, 9th - 11 Nov 2002	President Inaugural Function
2	Begur, SR.R	Course Writer for Inservice Training Programme for Preparation of Navodaya Vidyalaya Teachers 2002-2003	Resource Person

8A. Faculty of Education and Psychology

3	Deota, N.P.	Quality Improvement Programme in the teaching of Sanskrit Language at the Secondary and Higher Secondary Schools district level, Organised in M.P. Higher School Jarod, Dist Baroda on 30-12-2002.	Resource Person
4	Kothari, R.G.	Quality Improvement Programme for Secondary & Higher Secondary School Principal, Ahmedabad, 16 Oct, 2002	Resource Person
		Two days Workshop at state level on National Curriculum. Ahmedabad, 21-22, Oct. 2002	Resource Person
		State Level Workshop on Role of Principal in quality in Education Junagadh, 30-31 Oct.2002, 1, November 2002	Resource Person
		State level workshop on improving quality of Education Pavijetpur 30-31 Dec 2002	Resource Person
		National Seminar on Social Crisis and Educational Research at CASE Baroda	Director
5	Khirwadkar,A. Pushpanadham,K.	Inculcating Scientific attitude among School Children Workshop for School Teacher Organised by Navrachana High School, Baroda	Resource Person
6	Mani, R.S	National Seminar on Policies and Issues in Teacher Education Dec, 27-28,2002 CASE, MSUniv. Vadodara	Convener Participant
7	Oza, D.J.	MP. (Bhoj) Open University ERCI (India) & B.Ed. (DE-SE) MR	Resource Person
8	Patadia, H.J.	National seminar on social crisis and Educational Research CASE,M.S.Univ.Baroda, 27-28, Feb, 2003	Convener

VI. PARTICIPATION IN ACADEMIC BODIES OF UNIVERSITIES, OTHER THAN M.S.U.

Sr.No.	Name(S)	Place and Date (s)	Nature of Performance
1	Acharya, V.R	Workshop/ Seminar on Quality Improvement Programme for School Principal Conducted by DEO Baroda Commissioner for Schools Gandhinagar and Guj Secondary & Higher Secondary Board.	President, Inaugural Function.
2	Goel, D.R.	Bharathidasan University, Tiruchrapalli, March 27-29, 2003 WRC-NCTE Bhopal 2002-2003	Member, NAAC Peer Team Member
3	Goel, D.R. & Goel C.	CASE M.S.University Vadodara 2002-03	Master Trainer, INTEL Teach to the Future
4	Kothari, R.G.	Training Programme on HIV/AIDS for future teacher Faculty of Social Work, M.S.Univ. Baroda 17-2-2003 Farewel programme for Students of Class X / XII at Kalrav school Halol 21 March 2003	Chief Guest Chief Guest and the Faculty

8A. Faculty of Education and Psychology

5	Mehta, A.	Inter School Essay Competetiton on The World As a family - BHS Bagikhana Indian Science Sept. 2002	As a Judge
6	Patadia, H. J.	CASE, M.S.University Vadodara 2002-03	Master Trainer- INTEL, Teach to the Future
7	Thomas, V.D.	MARG Counselling Centre University Health Centre M.S.University Every Monday Between 5p.m. and 8p.m.	Counselling Students

VII. PERFORMANCE BY INDIVIDUAL / GROUP :

Sr.No.	Name(S)	Programme (S), Place and Date(S)	Participated as
1	Goel, D,R,	Board of Studies in Education South Gujarat University Surat , 2002-2003	Representative
2	Joseph, K, S,	School of Education, IGNOU New Delhi Workshop, 20-21 Sept, 2002 as Participant	Attended as Course Writers
		Dept. of Educational Research and Policy Perspective NCERT, New Delhi National Workshop to Evole Research Design October 21-25, 2002	Attended
3	Kothari, R.G.	Board of Study in Education S. P. University V.V. Nagar 19-9-2002	Expert
		Board of Study in Education S.G. University Surat 2002-2004	Expert
4	Rao, Y.D.	National Workshop, NCERT, New Delhi to Evole Research Designs in Priority Areas leading to Multicentric Studies 21-25 Oct.2002.	Participant in National Workshop
5	Thomas, V.D.	Board of Studies in Education Goa University 2002 to 2005	Member

Department of Educational Administration

1	Joshi, S.	Gujarat Secondary Education Board 2002-2003	Member of Core Group for planing the training Programme for School Principal.
		Prime Minister National Relief Fund (PMNRF) for Earth (Quake Affected Areas.	Co- Ordinator.

Department of Psychology

1	Daftuar, C. N.	Refresher Course for Psychology Teachers (Lecturers), Saurashtra University, Rajkot.	Faculty - Invited Faculty
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8A. Faculty of Education and Psychology

IX. MEMBERS OF THE FACULTY

Sr.No.	Name (beginning with Surname (Dr./Mr./Ms.))	Designation	Area of Interest/Research
1	Dr. R.G.Kothari	Professor	<ol style="list-style-type: none"> 1. Method Of Educational Research. 2. Primary Education 3. Teacher Education 4. Maths. Education
2	Dr. D.R.Goel	Professor	<ol style="list-style-type: none"> 1. Computer Education 2. Teacher Education 3. Educational Measurement 4. Educational Technology 5. Research Methodology 6. Mental Hygiene and Cued Guidance.
3	Dr. S.Kumar	Reader	<ol style="list-style-type: none"> 1. Educational Evaluation & Measurement 2. Educational Technology 3. Teaching & Teacher Behaviour 4. Research Methodology
4	Dr. V.D.Thomas	Reader	<ol style="list-style-type: none"> 1. Philosophy of Education 2. Psychology & Counseling 3. Teaching Learning 4. Humanistic Education 5. Educational Psychology
5	Dr. S.C.Panigrahi	Reader	<ol style="list-style-type: none"> 1. Sociology Of Education 2. Methodology of Education Research 3. Teaching of Social Studies (Qualitative Research)
6	Dr. K.S.Joseph	Reader	<ol style="list-style-type: none"> 1. Teaching Of English 2. Principles & Methods of Teaching & Learning 3. Curriculum Development
7	Dr. H.J.Patadia	Reader	<ol style="list-style-type: none"> 1. Educational Evaluation & Measurement, 2. Methods of Teaching Maths. 3. Research Methodology 4. Computer Education 5. Educational Technology 6. I.C. T.
8	Dr. Divakar Rao. Y.	Reader	<ol style="list-style-type: none"> 1. Teaching Education 2. Science Education 3. Physics Education 4. Curriculum
9	Dr. R.S.Mani	Reader	<ol style="list-style-type: none"> 1. Teacher Education 2. Educational Technology 3. Educational Psychology 4. Science Education 5. Computer Education

8A. Faculty of Education and Psychology

10	Dr. N.P.Deota	Lecturer	<ol style="list-style-type: none"> 1. Educational Philosophy 2. Educational Management 3. Leadership Behavior 4. Communication time 5. Management & Stress Management 6. Teaching of Language such as Marathi, Eng., Hindi, Gujarati & Sanskrit. 7. Co-Curricular Activities Classical & Semi Classical Vocal Music, Yoga Teaching.
11	Dr. Dipti Oza	Lecturer	<ol style="list-style-type: none"> 1. Educational Psychology 2. Teaching of Psychology 3. Education & Voc Guidance 4. Guidance & Counseling 5. Psychopathology & Diagnostic 6. Teaching Education
12	Mr. V.R.Acharya	Lecturer	<ol style="list-style-type: none"> 1. B.Ed. Eco. Com methods Inst .Planning School Administration 2. M.Ed – Educational Administration
13	Dr. R.C.Patel	Lecturer	<ol style="list-style-type: none"> 1. B.Ed. Science Teaching of Science, Phy 2. M.Ed. Teacher Education 3. M.Sc. (Phy) 4. Ph.D. Science Education 5. Educational Evaluation 6. Research Methodology
14	Dr. Ashutosh Biswal	Lecturer	<ol style="list-style-type: none"> 1. Education Technology 2. Computer Education 3. Education Administration & management 4. Education Research & Statistics.
15	Dr. Sujata Srivastav	Lecturer	<ol style="list-style-type: none"> 1. Educational Administration & Management 2. Science Education 3. Value Education 4. Teacher Education
16	Dr. Jayshree Das	Lecturer	<ol style="list-style-type: none"> 1. Education Administration & Management 2. Guidance & Counselling
17	Dr. Chhaya Goel	Lecturer	<ol style="list-style-type: none"> 1. Administration Science 2. Education Technology 3. Guidance Counseling 4. Teacher Education.
DEPARTMENT OF PSYCHOLOGY			
1	Dr. Bimala Parimu	Professor	<ol style="list-style-type: none"> 1. Clinical Psychology 2. Counseling Psychology 3. Abnormal Psychology 4. Physiological Psychology 5. Creativity

8A. Faculty of Education and Psychology

2	Dr. V.M.Purandare	Professor	<ol style="list-style-type: none"> 1. Experimental Psychology 2. Personality Psychology 3. Clinical Psychology 4. Psychology Women.
3	Dr. Z.M. Qureshi	Professor	<ol style="list-style-type: none"> 1. Research Methods & Statistics 2. Measurements Evaluation 3. Educational Psychology 4. Social Psychology 5. Psychology Personality
4	Dr. Mario Xavier	Reader	<ol style="list-style-type: none"> 1. Organizational Behavior 2. Experimental Psychology 3. Research Methods 4. Consumer Behavior
5	Dr. Anjali Verma	Reader	<ol style="list-style-type: none"> 1. Counseling Psychology 2. Personality & Social Psychology 3. Guidance 4. Human Resource Development
6	Dr. Urmi Nanda Biswas	Reader	<ol style="list-style-type: none"> 1. Human Resource Development 2. Personality & Social Psychology 3. Consumer Psychology 4. Research Methodology

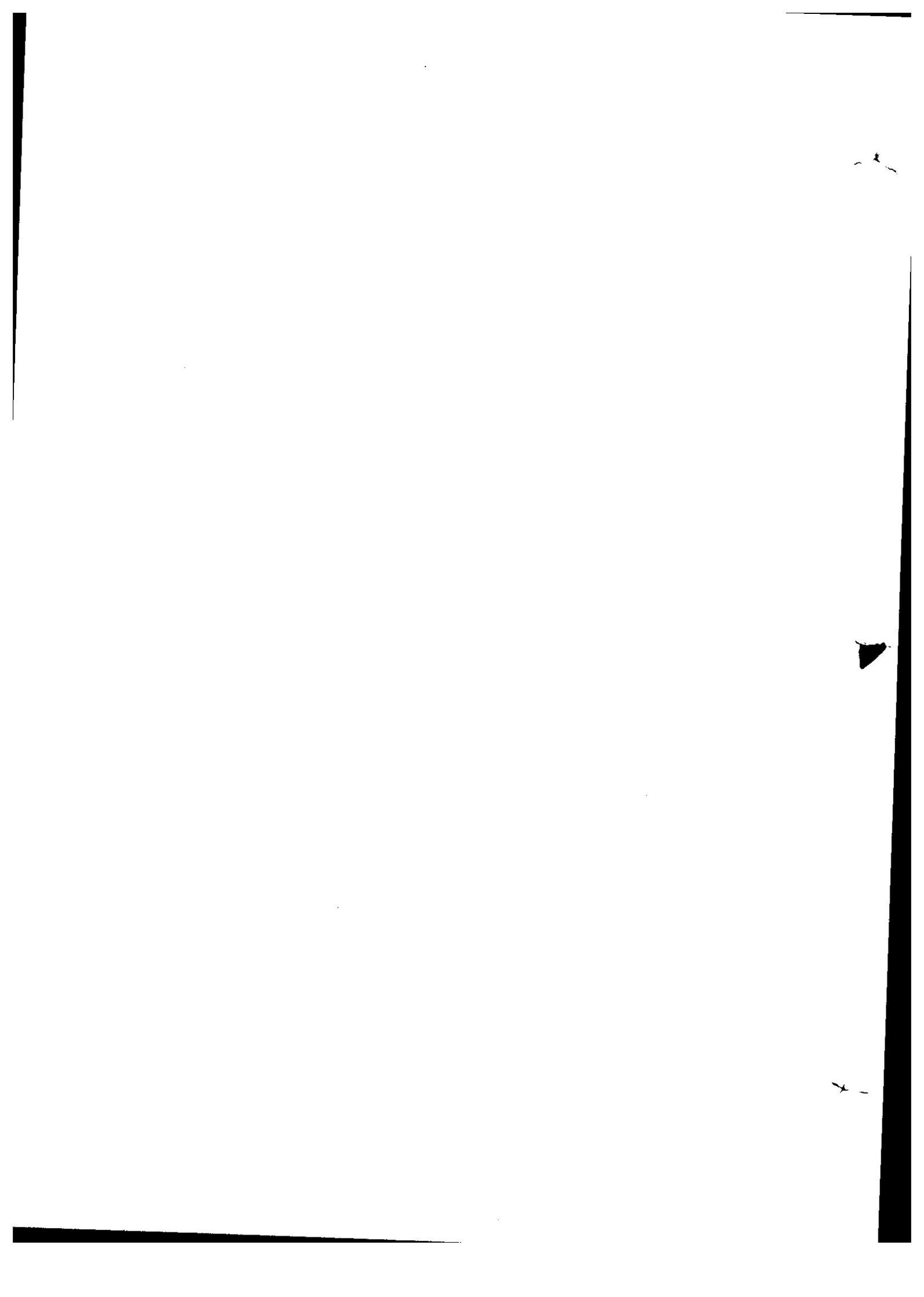
DEPARTMENT OF EDUCATIONAL ADMINISTRATION

1	Dr. S. M. Joshi	Professor	<ol style="list-style-type: none"> 1. Educational Administration 2. Teacher Education 3. Higher Education 4. Women's Education 6. I.C.T. in Education
2	Dr. N. Pradhan	Reader	<ol style="list-style-type: none"> 1. Education Administration 2. Higher Education 3. Teacher Education 4. Research Methodology in Education
3	Dr. Milind S.	Lecturer	<ol style="list-style-type: none"> 1. Educational Administration 2. Sociology of Education 3. Higher Education
4	Dr. K. Pushpanadham	Lecturer	<ol style="list-style-type: none"> 1. Educational Administration & management 2. Primary Education 3. Maths Education 4. Research Mythodology in Education 5. Instructional Process in Education 6. HRD In Education Sociology of Education.

8A. Faculty of Education and Psychology

XIX. IMPORTANT EVENTS / ACTIVITIES OF THE FACULTY/UNIT.

Description of the Event	Date Time & Place
Department of Education	
A talk on "Srimad Bhagavad-Gita Gita & Srimad Bhagavadam ' & Value Education by Kamal Lochan das ISKCOM, Mira Road Mumbai	8-8-2002 at 3:45p.m. Faculty of Education & Psychology, M.S.Univ. Baroda
Friendship day Celebration by B.Ed. & M.Ed Students (Cultural Prog)	3-8-2002 at 2.00p.m. Faculty of Education & Psychology M.S.Univ. Baroda
Debate Competition	18-7-2002 at 3.15p.m. at CCA, FEP, M.S.univ. Baroda
Teacher Day Celebration	5-9-2002 at 2.00p.m. Faculty of Education & Psychology , M.S.Univ Baroda
Annual Day Celebration	2-4-2002 at 1.00pm. Faculty of Education & Psychology , M.S.Univ.Baroda



8B. University Experimental School

School reopened on 10th June, 2003.

Total strength of Boys and Girls

	Boys	Girls	Total
Primary	208	146	354
Secondary	120	60	180
Higher Secondary	186	92	278
Total	514	298	812

BOARD RESULT

Std.	Board Result (%)	School Result (%)
10th	56.29%	82.56%
12 Sci.	54.20%	60.00%
12 Com.	82.55%	87.84%

Ch. Viral Bhatt, Std.12 Com. stood 3rd with 90% marks at Baroda City Level.

ACTIVITIES & SPECIAL DAY CELEBRATION:-

- Gurupurnima day was celebrated in school. Secondary and Higher Secondary students expressed their views on Teacher-Student' relationship.
- Students of Secondary and Higher Secondary classes took part in 'Mehendi Competition arranged on occasion of 'Gaurivrat'.
- Vivekanand Centre and Shaishav School honoured ranking students of 10th, 12th Sci. and 12th Com. of Baroda, in Board Exam. Ch. Viral Bhatt Std. 12th com. was honoured.
- Students of Std. 10 visited planetarium.
- Independence Day was celebrated in School Premises. Ch. Amir Qureshi of Std. IX unfurled the Flag. In this speech he asked his fellow students to forget old memories and move forward and achieve their goal.
- Students and Staff of secondary and Higher Secondary classes went on one day Picnic to Ubharat.
- On Republic Day flag salutation and Prize distribution ceremony was organized. University chief accountant Sh. N.N. Shah unfurled the flag. Mrs. Vandanaben Kharod and Dr. Piyushbhai Patel, gave away prizes to students, on behalf of "Late Sh. Diliprai Kharod" trust.
- As a part of 'Career Planning Week', various competitions were organised by Assistant Director (employment) Office Baroda. Students took part in Quiz, debate and essay competition. Ch. Priyasha Raval, Std.10, got 2nd rank with 90% marks in Std. 10 Board exam among schedule tribe students. She was awarded Rs. 50,000 from Late Dr. Babasaheb Ambedkar Trust. Hon. deputy P.M. Sh. Lalkrishna Advani gave away the prize.
- Environment Protection Club, Baroda arranged talk on 'How to protect environment in our daily life'.
- Democratic Students Organisation arranged a photo exhibition on Life of Vir Bhagatsinh, on his death anniversary.
- Dr. M.J. Swaminathan delivered lecture on "Preservation of Environment". He asked staff members to teach application of pollution control to students.
- Navratri Festival was celebrated by organising "Garba" in school premises. Students and teachers took part in it. University Registrar Sh. A.V. Gupta Lighted the Lamp.
- Election of class representatives, V.P., Gen. Secretary was organised in Primary Std. 1 to 7 to teach Democratic Ways".

8B. University Experimental School

President Ch. Bhumi Talati	Std. 7
Secretary Ch. Parth Parikh	Std. 6
Joint Secretary Ch. Vrushali Shinglot	Std. 5

- Eco Club arranged 'Tree Plantation' Programme for students of Std. VI & VII
- A Quiz Competition was organised for girls of Std. V to VII by Late Sh. J.V. Desai memorial Trust. Winner were awarded Gold, Silver and Bronze Medals.
- School teachers Mrs. Kalindiben Desai and Mrs. Chandrikaben Shah were selected as judges in Science Fair organised by V.M.C.
- Motor Training Association, Baroda City, organised traffic safety week. 80 students of Std. 1 & 2 took part in it.
- Primary Students went to Somnath, Div, Junagadh and Virpur, on educational tour.
- One day picnic was arranged for students of Std. 1 to IV to Ajwa-Nimeta.

ACTIVITIES :

- Gujarat Secondary Educational Board organised a programme pertaining to Examination Revision and Guidance for Std. XII and X students. Mrs. Rakshaben Dekhtawala was invited to give speech on Gujarati subject for std. XII Com. This programme was organised at educational Technology Bhavan Studio. This was telecast on T.V.

EXTERNAL EXAMS :

- Gujarat State Secondary Educational Board conducts "Prakharata Shodh Kasauti" 35 students of Std. 8 took part in it.
- Students of Std. 5,6 and 7 appeared in 'Bharatiy Sanskruti Gyan' Exam. School result was 100%
- **Gujarat Vidhyapith Hindi Exam. Result**

Hindi Balpothi	100%
Hindi Pahli	97.48%
Hindi Dusri	80%
Hindi Tisri	55%
- Students appeared in "Gyan Vardhak Exam" School result was 100%

DEBATE AND ESSAY :

- Akhil Bharatiy Sewadal (Gujarat) arranged the 'Vasant Rajab Shield' debate competition Ch. Priyansh Shah Std. VIII and Ch. Darshit Chauhan St. IX took part in it.
- Essay writing competition was organised for secondary and higher secondary sections. Essay subject for secondary was "Pollution today's great evil" and for higher secondary was 'Home-the end of world'. For debate the topic was "T.V.- Blessing or Curse"
- Late Sh. Manohar Nadkarni Memorial arranged inter school debate competition. Students took part in it and received certificates.
- Vishwa Sanskrit Pratishthan honoured student of Std. 10 and 12 Sci, who scored above 90 marks in Sanskrit in board exam.
- "Karelibaug Bhagini Samaj" arranged a debate competition school children took part in it.
- MES boys highschool arranged "Rasulkhan Pathan Memorial Running Shield" debate. Ch. Kazi Haroon, Std. XI Sic. took part in it.
- On Occasion of 'Women's Day', Sahiyar group organised inter school essay competition and discussion. Ch. Kartik Sheth Std. XI Com. stood first in city.
- "Bharatiya Jeevan Vima, Baroda organised essay competition. 18 students took part in it. Ch. Mahipal Jadeja Std. VII stood first. Ch. Anirudhdha Prakashkar got first prize in lucky draw.

8B. University Experimental School

- Ch. Hemang Patel Std. V got first rank in debate competition organised by 'Athavle Swadhyay Kendra'. subject was 'Arjun of Gita'.
- United Way of Baroda arranged an essay competition Ch. Vrushali Shinglot got second prize.

MUSIC :

- Gujarat State Sports, Youth and Cultural Activities Dept. of District Educational Office, organised a "Talent Search Competition at Zonal, District and State Level. School took part in "Group singing" Competition and got second prize.
- On 106th Death Anniversary of Netaji Subhashchandra Bose, all India Democratic Students Organisation arranged a discussion. Ch. Kamal Trivedi and Ch. Saloni Mehta presented martial songs.
- "Youth Festival" was organised by Gujarat Education Board. CH. Kamal Trivedi Std. XI Com. stood first at district level song competition.
- Students of Std. 1 to 4, presented "Patriotic Songs".
- Dhvani Little Stars organised singing competition. Ch. Harsh Vyas Std. 3 got shield in singing.
- To express National Feelings a cultural programme was organised in Alembic School. School was selected for 8 entries.
- Giants Group of Baroda, organised "Patriotic Song" singing competition. Ch. Vaibhav Raja, Std. VI got 2nd Prize.

SPORTS :

- A cricket match was arranged between University Experimental School and Hindu Gymkhana School.
- Inter School Cricket tournament Competition was organised. In final match against "Jivansadhana" School, Uni. Experimental School Won.
- League match was played between Experimental school and Refinery School.
- In "Shalakiy Ramatotsav" Sayajigunj zone, Volley ball match was played between Experimental School and Navrachana School.
- In Kabbadi match, for girls, Under 14 Experimental School won the match at zone level. 5 girls of the school were selected to play at city level.
- "Swami Vivekanand Hill Shield Challenge Cricket Tournament" is organised every year. After winning 3 semi final matches school won and entered the final matches school won and entered the final against "Vidyakunj School".
- School Sports Day was arranged at University Pavilion and School ground Running event, Disk Throw, Long Jump, High Jump, Musical Chair, Hurdle Race were played. Best players from every class were declared among boys and girls.
- Baroda Cricket Association Selected following Students to play at Bombay.

No.	Students	Std.	Event.
1.	Priyank Baranda	12 Com.	Cricket
2.	Irshad Sindhi	12 Com.	Cricket
3.	Pinal Shah	11 Com.	Cricket
4.	Sandip Pawar	11 Com.	Cricket
5.	Dhananjay Bhosle	11 Com.	Cricket
6.	Sanjay Soni	11 Com.	Cricket
7.	Mudra Pathak	12 Com.	Kho Kho Athletics Gymnestic at State Level.
8.	Jaydatt Purani	7th	Karate- National Level
9.	Darshan Chudgar	7th	Drawing 1st National Level
10.	Gyan Panchal	5th	Drawing 1st National Level

09. Faculty of Commerce

I (A) PUBLISHED BOOKS(B) MONOGRAPHS (C) EDITED VOLUMES*(D) OTHERS

Sr. No.	Author(s)	Title	Name of Publisher, Date and Year of Publication and Total Pages
1	Shah A.B.	Working Capital Management	Himalaya Publishing House, 2003 (No. of pages – 253)

II. 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	Nayak D.N.	The effect of Liberalisation on Capital Flight : New Estimates of Capital Flight and Falsification of Trade in India	"Indian Economy Under Globalisation Process" Ed. K. Sham Bhat, Publishers : Serials Publications New Delhi. January 2003, Page No. 302 - 328

III PAPERS PRESENTED AT INTERNATIONAL/NATIONAL/STATE LEVEL SEMINARS/CONFERENCES, ETC.

Sr. No.	Author (s)	Theme, Organizer's Name, Place and Date of Seminar/Conference etc.	Title of Paper	Published/ Unpublished
1	Joshi S.D.	Globalization and Consumerism III Asia –Pacific Conference and XIX IACS International Conference Centre for Canadian Studies University of Mysore, Mysore, Karnataka, January 9-13, 2003	In the shadow of Globalisation : International Trade and consumerism in Canada.	Abstract published.
2	Jayant Kumar	International Seminar on Immigration to Canada – Policies, Mainstreaming, Gender Perspective and Implications. January 16-18, 2003, Vadodara.	Immigration to Canada : Some Reflections	Unpublished
3	Singhal A.	The University of Adelaide - (South Australia) from 5 th June to 12 th June 2002	"Teaching of English in India" & "Socio linguistics"	Unpublished
4	Nayak D. N.	Globalisation and consumerism : Canadian Studies in the Asia – Pacific Context, University of Mysore, Mysore, Jan 9-13, 2003	Globalisation and Trade : An estimate of the effect of Globalisation on Trade Mis invoicing between India & Canada. Presented at 29 th International Conference on Canadian Studies.	Unpublished

IV TALKS OF ACADEMIC NATURE GIVEN IN PROFESSIONAL PROGRAMMES :

Sr. No.	Name(s)	Nature of Professional Programmes*	Title	Participated as
1	Hingorani A.R.	Refresher Course , Dept. of Management S.P.University Vallabh Vidyanagar. 5th March, 03	"Achievement & Power need " & "Transactional Analysis "	Resource Person

09. Commerce

2	Singhal A.	Seminar conducted by the dept. of Applied Linguistics South Australia Adelaide 5th June-12th June 2002	Research articles in Applied Linguistics	Faculty
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V CONTRIBUTION IN CONDUCTING PROFESSIONAL PROGRAMMES / ASSISTANCE EXTENDED IN ADMINISTRATIVE/ACADEMIC PROGRAMMES :

Sr. No.	Name(s)	Programme(s), Place and Date(s)	Participated as
1	Hingorani A.R.	Income Tax Commission, Regional Committee	Member of Advisory Committee
2	Nayak D.N.	39 th Annual Conference of Indian Econometric Society, Baroda, 9 th – 11 th February 2003	Local Organising Secretary

IX. MEMBERS OF FACULTIES (Faculty of Commerce)

Name (beginning with Surname)	Designation
ACCOUNTING & FINCL. MNGT.	
Prof. J. R. Khedkar	Professor
Mr. M. B. Majmudar	Reader
Mr. S. J. Desai	Reader
Dr. E. G. Macwan	Reader
Shri J. M. Shah	Reader
Dr. S. R. Kulkarni	Reader
Shri D. B. Parikh	Reader
Shri B. T. Dharamsi	Lecturer
Shri K. R. Upadhyay	Lecturer
Dr. A. B. Shah	Lecturer
Shri P. B. Shah	Lecturer
Smt. S. D. Chellani	Lecturer
BANKING & BUSI. FINANCE	
Prof. J. K. Syan	Professor
Dr. D. K. Chellani	Reader
Dr. Hema S. Bansal	Lecturer
BUSINESS ECONOMICS	
Prof. D. V. Baloni	Professor
Prof. S. K. Singh	Professor
Prof. G. M. Parikh	Professor
Dr. S. D. Joshi	Reader
Dr. P. M. Shah	Reader
Dr. S. N. Bansal	Reader
Dr. S. A. Saiyed	Reader
Dr. D. N. Nayak	Reader
Smt. R. S. Vaidya	Lecturer
Ms. P. A. Javdekar	Lecturer
Dr. P. Krishnakumar	Lecturer
Shri K. R. Badola	Lecturer
Dr. K. Shanmugan	Lecturer
Dr. Jayant Kumar	Lecturer
Mrs. Nandini Kannan	Lecturer
Shri S. D. Prajapati	Lecturer

COMMERCE INCL. BUSI. ADM.

Dr. A. R. Hingorani	Professor
Dr. U. R. Dangarwala	Reader
Shri K. H. Shah	Reader
Dr. A. R. Pandya	Reader
Shri G. S. Patel	Lecturer
Smt. S. P. Patel	Lecturer
Dr. S. R. Desai	Lecturer

CO-OPERATION

Prof. M. D. Mohite	Professor
Smt. N. D. Baloni	Lecturer

STATISTICS

Shri K. N. Shah	Reader
Ms. S. J. Parikh	Lecturer

ENGLISH

Shri H. S. Shelat	Reader
Smt. J. Mishra	Reader
Smt. U. A. Mehta	Lecturer
Shri J. S. Pathak	Lecturer
Ms. S. S. Goyal	Lecturer
Ms. Lizy Andrews	Lecturer
Ms. Alka Singhal	Lecturer
Shri J. P. Parikh	Lecturer

XI. NEW COURSES INTRODUCED / APPROVED

1. Restructuring of B.Com. Programme by various departments within the Faculty.
2. Department of Accounting & Financial Management started Post Graduate Diploma in Financial Management which is an evening part time self finance programme.

S.Y.B.Com.

Department	Subject
Accounting & Financial Management	1. Corporate Accounting
	2. Financial Management & Personnel Finance
Business Economics	1. Macro Economics
Commerce Incl. Busi. Admn.	1. Functional management

XII. CURRICULUM UPGRADATION

(A) Subjects Offered

As per the UGC guidelines, B.Com. curriculum was upgraded by all the departments of Faculty of Commerce in general.

(B) Optional Offered

Various departments offered following optional subjects in the curriculum at S.Y.B.Com. programme

Department	Optional Subjects offered
Accounting & Financial Management	1. Financial Management & Personal Finance
	2. Taxation
Business Economics	1. Quantitative Techniques
	2. Public Finance & Social Accounting
Commerce Incl. Busi. Admn.	

10B. Sheth Ujamsingh 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.

Museum

Fifty groups of available medicinal herbs. Each groups 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.

Rasa-Shala

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

Staff

Sheth U.P.A.R. Unit has following staff.

One Director who is responsible for the administration, one Joint Director, Two Honorary Vaidhya, One Ayurvedic Compounder & one part time sweeper.

General Ayurvedic O.P.D.

The 75 patients were treated for the Panchkarma & 67 patients were treated for Gynecology problems during the year 2002-2003. Total 6030 patients were treated out of which 1245 were new cases.

Ayurvedic treatment at O.P.D. for the following diseases were given e.g. Diabetes, Mellitus, Sterility, Asthma, Leukorrhoea, obesity etc.

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I. (A) PUBLISHED BOOKS (B) MONOGRAPHS (C) EDITED VOLUMES (D) OTHERS

Sr. No	Author(s)	Title	Details of Publication	Category
1	Applied Mechanics & Str. Engg			
	Shroff A V & Shah D L	Soil Mechanics and Geotechnical Engineering	A. Balkema Publishers, Netherland, 2003, pp. 533.	A
	Junnarkar S B & Shah H J	Mechanics of Structures. Vol. I, 23 rd Edition	Charotar Pub. House, Anand, 2002, pp. 1076	A
2	Applied Physics			
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	Murthy K. V. R., Shanker V., Chander H., Natrajan V., Dhoble A. R., Bhatt B. C., Page A. G.	Luminescence and its applications Volume-X	Luminescence Society of India, February 2003 361 pages	C
3	Computer Science			
	Prof. Patel H J Bhavsar P R	Introduction to Computers for Std. XI	Gujarat State Text. Books Board, December, 2002	A
4	Mechanical Engineering			
	Mehta J R	Engineering Drawing – A practice book	Laxmi Publications, New Delhi 2003, Pages 110	A
	Patel R. C., S. S. Shikh & Pandya A. D.	Machine Design Vol. I (Revised Ed.)	C. Jamnadas & Co., Vadodara, 2002, Pages 354	A
5	Metallurgical Engg.			
	Pai K.B., Dutta S.K., Raj. Baldev, Rohekar L.J.	Proceeding of Int. Symposium on "Metals & Alloys for Chemical Industries	The Indian Institute of Metals, Baroda Chapter & Mumbai Chapter (14 th Nov. 2002) 140 pages	C
	Pai K.B., Dutta S.K. & Lele A.B.	Special Issue on NSSS-2001 (Trans. IIM) Vol. 56(1)	The Indian Institute of Metals, Kolkata, Feb. 2003, 84 pages	C

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II PUBLISHED ARTICLES / PAPERS IN JOURNAL / EDITED VOLUMES

Sr. No	Author(s)	Title	Name of Journal, Volume, Number / Part, Page Numbers and Date
1	Applied Chemistry		
	Chudasama U.V., Patel S.M.	Synthesis, characterisation and catalytic application of tin phosphate	Indian J. of Chem.(SecA) 414, 1864 August, 2002.
	Chudasama U.V., Parikh A.H.	Metal (IV) tungstates as solid acid catalysts for the synthesis of phthalate diesters – Dioctyl phthalate.	Indian J. of Chem. Tech. 10, 44 January 2003
	Chudasama U.V., Parikh A.H.	A comparative study of the proton transport properties of Metal (IV) Tungstate. Synthesis,	Proc. Ind. Acad. Sci., (Chemical Sciences) 115, February 2003
	Chudasama U.V., Patel S. M., Ganeshpure P.A.	(i) Characterisation and ion exchange behaviour of a new phase of tin phosphate.	Indian J. Chem., (SecA) 424, 559, March 2003
		(ii) Ketalisation of Ketones with diols catalysed by metal (IV) phosphates as solid acid catalysts.	J. Molecular Catalysis A. (Chemical) 194, 267, January 2003.
	Mahajan R., Nandedkar H., Vora A	New mesogens with a fluoro-substituted bent core	Liquid Crystals, 30, 1-7, 2003.
	Vinod A., Ratna Prabha C., Murthy C. N.	Synthesis & Characterisation of metal incorporated polyurethanes for biomedical applications.	J. Polym. Mat., 20, 83, 2003
	Ratna Prabha C., Rashmika Patel, Murthy C. N.	Studies on protein-[60]fullerene interactions: the lysozyme-[60]fullerene model system.	Fulerenes, nanotubes and carbon nano structures (in press) 2003
	Dave Jayrang S., Menon Meera R., Patel, Pratik R	(i) Synthesis and mesomorphic Characterisation of azo-esters with coumarin ring.	Liquid Crystals, 29 (4), 543-549, 2002.
		(ii) Synthesis and mesomorphic characteristics of mesogens with branched isoamyloxy and isobutyl groups.	Mol. Cryst. Liq. Cryst. 378, 1-11, 2002.

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| Vora R.A. and Prajapati A.K. | Azomesogens with 1,2,4-tri substituted benzene moiety. | Bull.Mater.Sci.,Vol.25,No.4;p.101,2002. |
| Prajapati A.K. and Pandya H.M. | Effect of lateral chloro group on azomesogens containing the naphthalene moiety | Mol.Cryst.Liq.Cryst.Vol.393, p.31 2003. |
| Prajapati A.K., Thakkar V. and Bonde N. | New mesogenic homologous series of schiff base cinnamates comprising naphthalene moiety. | Mol.Cryst.Liq.Cryst.Vol.393, P.41 2003. |
| Parekh Dimple C., Patel Jignesh B., Sudhakar Padmaja and Koshy V.J. | Removal & trace metals with mango seed Powder. | Indian Journal of Chemical Technology Vol.9, 540-542, November 2002. |
| Murthy C N, Geckeler K E | Supramolecular compounds of cyclodextrins with [60] fullerene | Advanced Macromolecular and Super molecular Materials and Process, pp 55, Kluwer Academic/Plenum Publishers, New York 2003. |
| Samal S., Murthy C.N., Geckeler K.E. | DNA-cleaving and adduct formation by fullerenes | Advanced Macromolecular and Super molecular Materials and Process, pp 291, Kluwer Academic/Plenum Publishers, New York 2003. |
| 2 Applied Mathematics | | |
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Patodi S C, Joshi K D & Doiphode G S	Modelling Infilled R.C.C. Frames with 1D and 2D Elements	Journal of Engineering & Technology, Sardar Patel University, Vol. 15, pp. 49-54, July 2002.
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	(ii) Stability improvement of clay enveloped waste chalk deposits	Proc., Symposium on Advances in Geotech Engg., March 2003, IIT-Kanpur, P 120 - 124

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Bluiett A. G., Hommerich U., Shah R. T., Trivedi S. B., Kutcher S. W., and Wang C. C.	Observation of lasing from Cr ²⁺ : CdTe and compositional effects in Cr ²⁺ -doped II-VI semiconductors.	Journal of Electronic Materials, vol. 31 (2002) page 806-810.
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Lad K. N., Pratap Arun and Raval K. G.	Estimation of the free energy change on crystallization of multicomponent glass forming alloys.	Journal of Materials Science Letters, vol. 21 (Sept. 2002) page 1419-1422.
Lad Kirit, Mohammed Maarooof, Raval K. G. and Pratap Arun	Fractal growth kinetics during crystallization of amorphous Cu ₅₀ Zr ₅₀ .	Progress in Crystal Growth and Characterization of Materials, vol. 45 (Dec. 2002) page 15-19.
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5 Architecture Bhawana Vasudeva	Rebuilding Villages after earthquake – A case study of six housing schemes in kutch. (Gujarat)	Proceeding of the National Seminar on Interactive Integrated Technological Advancement – Recent Trends (IITART) 5 th & 6 th July 2002, at College of Engineering Trivandrum.



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	Subrahmanyam N.	Kinetics of toluene methylation over silica modified HZSM-5 zeolite	Indian Journal of Chemical Technology Vol 9, July (2002)
7	Civil Engineering		
	Shah, N. G. Bhatt, N. M.	Evaluation of pollution control systems by means of Audit – A case study of Dairy Industry.	Environmental Pollution Control Journal, May-June 2002.
8	Metallurgical Engineering		
	Agrawal S.K. and Menghani J.V.	Effect of R.E. Additions on Age Gardening Behaviour of LM25 Alloy	Indian Foundry Journal, Vo. 48, No.8, August 2002
	Badheka V.J., Agrawal S.K. & Soman S.N.	Narrow Gap MIG Welding of Mild Steel	Sym. Vol. of IIW, Asian Pacific Int. Congress at Singapore, 28 th –31 st Oct. 2002
	Madnanai Rajesh, Sojitraj K.R., Acharya D.V. & Agrawal S.K.	Effect of Weld Parameters and Flux Composition on Weld Metal Ductility of 304 Weldments	Tech. Paper Vol. of Nat. Welding Sem. of IIW, 23-25 th Jan. 2003, Kolkata
	Joshi P.B., Menghani J.V., Marathe G.R., Lad Kirit N. and Pratap Arun	Studies on Phase-Transformation Behaviour in Ag-Co System subjected to High Energy Milling	Jr. of Metastable and Nanocrystalline Materials, Vol. 15-16, pp. 513-518, (2003). Trans. Tech. Publications, Switzerland
	Joshi P.B., Marathe G.R., Murti N.S.S., Kaushik V.K. and Ramakrishnan P.	Reactive Synthesis of Titanium-Matrix Composite Powders	Materials Letters, Vol.56, No.5, pp. 322-328, October (2002)
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	Raval S.R., Vala U.V., and Pai K.B.	Studies on Mo Stabilized Film of SS 316 Using EIS Spectroscopy	Trans. IIM, Vol.56, Feb. 2003, pp. 39-41
	Rao Vandana J. and Menghani J.V.	Effect of Grain Refiner on Al-Si-Mg Alloy	National Seminar on 'Advance in Materials and Processes' April 3-4, 2003
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III PAPERS PRESENTED AT INTERNATIONAL / NATIONAL / STATE LEVEL SEMINAR / CONFERENCE ETC.

Sr. No	Author(s)	Theme, Organizing Body, Place and Date of Seminar/Conference	Title of Paper	Published / Unpublished
1	Applied Chemistry Chudasama U.V., Sudhakar P P, Maheria K. C & Shrimali T	2 nd National Seminar on "Environmental awareness, Education & Management for Sustainable rural development (NSERD-II) Dept. of Env.Sci., S.V.Univ. Tirupati, 26-28 Aug.2002	Treatment of Waste Water Containing dyes using-Tip an inorganic ion exchanger	Unpublished
	Chudasama U.V., Patel H.K.	39 th Annual Convention of Chemists, Indian Chemical Society, Nagarjuna Univ. Nagarjunanagar 22-26 Dec. 2002	A comperative study of the proton transport properties of Metal (IV) Phosphonates.	Unpublished
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	Chudasama U.V., Patel S.M. & Maheria K.C.	Third All gujarat Research Scholars Meet (TAGRSM – 2003) Indian Chemical Society (Vadodara Chapter), Baroda – 23 rd Feb.2003.	Synthesis and Characterisation of a new phase of TIN PHOSPHATE AND ITS APPLICATIONS AS ION exchanger.	Unpublished
	Parmar H. S., Upadhyay P R.,and Deota P.T.	Third All Gujarat Research Scholr's Meet (TAGRSM) – 2003 Indian Chemical Society, (Vadodara Chapter), Baroda 23 rd Feb.2003	Oxidative acetylation of phenols	Unpublished
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	Kalpana, Urvui, Padmaja and Chudasama Uma	2 nd National Serial on Environmental Awareness Education and management for suitable Rural Development (NSERD – II) S.V.University, Tirupati	Treatment of Waste Water containing Dyes using Titanium phosphate on Inorganic Ion Exchange	Unpublished
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2	Applied Mathematics Patel D.P.	i). UNESCO Regional Industrial Workshop on Industrial Maths 2-6 Dec., 2002, at IIT, Mumbai, India.	Heat generation on slider bearing.	Published
		ii). 56 th ATM, India, 16-17 Nov, 2002, Dept. of Metallurgy, Fac. of Tech. & Engg., Baroda	Numerical Simulation of hot Closed die forging	Published
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3	Applied Mechanics & Str. Engg Patodi S C, Solanki N K & Panchal D N	National Symposium on Futuristics of Concrete Technology and Optimal Design of RCC Structures, Coimbatore, Dec. 20-21, 2002.	Optimal Design of RCC Structures via Genetic Algorithm.	Published
	Purani V S & Patodi S C	CONMAT, IIT, Kharagpur, pp. 381-391, Jan. 2003.	Neuro Models for Finding Earthquake & Wind Forces on Building Frames.	Published
	Patodi S C, Mehta R J & Panchal D N	National Seminar on Innovative Technologies in Construction of Concrete Structures (InTech-Concrete), Ramtek, Nagpur, pp. 157-164, 7-8 th Feb. 2003.	Optimization via Genetic Algorithm and Fuzzy Logic – A Comparative Study.	Published
	Shah H. J., Shroff A. V. and Parikh A.	Ind-Geotechnical Conference, Allahabad, Dec. 2002.	Skirted Strip Footing on sand with Various Degree of Saturation Subjected to Axial Load.	Published
	Shroff A V	(i) Workshop on Forensic Geotechnical Engg., Organised by Committee on Professional Practice of IGS, Feb – March 2003, at IIT-Madras	Forensic Geotechnical Investigation of distress due to settlement	Published
		(ii) Symposium on Advances in Geotechnical Engg., IIT- Kanpur, March 2003	Stability improvement of clay enveloped waste chalk deposits	Published
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		(iv) Annual Conference IGC-2002 on Geotech Engg.: Environmental Challenges organised by Allahabad Chapter of IGS, Dec 2002	Lechate analysis of designated waste through clay	Published

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Murthy K. V. R., Patel Y. S., Saiprasad A. S., Natarajan V. and Page A. G.	International Conference on Nuclear Tracks in Solids, Nuclear Science Centre, New Delhi, 21-25 th October 2002.	Role of fluorescent lamp phosphors in accidental radiation monitoring.	Unpublished
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Pratap A., Bhandari D., and Saxena N. S.	-do-	Vibrational dynamics and properties of Cu ₅₅ Zr ₄₅ metallic glass.	Unpublished

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Savalia R. T., Pratap A., Srivastava D. & Dey G. K.	do-	Deformation behaviour of rapidly solidified and bulk Zr based metallic glasses.	Published
Pratap A. and Rakshit A. K.	14 th Annual General Meeting of Materials Research Society of India (MRSI) & Theme Symposium on Novel polymeric materials, February 11-13, 2003, BARC, Mumbai.	Synthesis and characterization of benzyl acrylate copolymer.	Unpublished
Arun Anand and Narayanamurthy C. S. •	ICO XIX, 19 th Congress of the International commission for Optics, Florence, Italy, August 25-31, 2002.	Optical testing with photorefractive crystals.	Published
Chhaniwal V. K. Anand Arun and Narayanamurthy C. S.	-do-	Diffusion studies in transparent liquids using optical techniques	Published
Kale Y. D., Gandhi Y. H., Joshi T. R. et al	National Seminar on Luminescence and its Applications, February 12-14, 2003, National Physical Laboratory, New Delhi.	Characterization of phase transformation in synthetic quartz using thermoluminescence	Published
Panchal C. J., Mistry S. N., Patel K. M. and Arora B. M.	ICO XIX, 19 th Congress of the International commission for Optics, Florence, Italy, August 25-31, 2002	Facet coating of diode laser for high power and high reliable operation	Published
Panchal C. J. Patel K. M. and Arora B. M.	Photonics 2002" 6 th international Conference on Optoelectronics, Fiber optics and photonics at TIFR, Mumbai, (Dec. 2002)	Facet coating effects on laser diode.	Unpublished
Desai Mukesh D.	Seminar on Theoretical Physics for Condensed Matter, Atoms, Molecules and Particles, March 21-22, 2003, Department of Physics, S. P. University V. V. Nagar, Anand.	The ether of modern physics: The Higgs paradigm.	Unpublished
Lad K. N., Raval K. G. and Pratap A.	Eight International Conference on Quasicrystals (ICQ-8), September 8-13, 2002, Department of Metallurgy, IISc, Bangalore.	Estimation of Gibbs free energy difference in Bulk Glass Forming alloys	Unpublished
Lad K. N., Raval K. G. and Pratap A.	Second National Conference on Thermophysical Properties, September 19-21, 2002, Department of Physics, University of Rajasthan, Jaipur	Study of concentration fluctuations in liquid Li-Na alloy	Unpublished

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	Lad K. N., Raval K. G. and Pratap A.	40 th National Metallurgists Day and 56 th Annual Technical Meeting (NMD-ATM 2002), November 14-17, 2002, organized by Baroda and Mumbai Chapters of Indian Institute of Metals(IIM), M. S. University of Baroda, Baroda (INDIA).	Estimation of Gibbs free energy difference between the liquid and crystalline phases of a metallic alloy	Unpublished
	Lad K. N.	Seminar on Theoretical Physics for Condensed Matter, Atoms, Molecules and Particles, March 21-22, 2003, Department of Physics, S. P. University, V. V. Nagar, Anand.	Study of atomic interactions and vibrational dynamics of binary and ternary amorphous metallic systems (Ph.D. Thesis)	Unpublished
	Vinodkumar P. C. and Pandya J. N.	International Conference on theoretical Physics, July 22-27, 2002, Paris.	Decay constants of pseudoscalar mesons in a potential model.	Unpublished
	Pandya J. N. and Vinodkumar P. C.	Gujarat Science Congress (XVII) GSA, on March 16, 2003 at ATIRA, Ahmedabad	Higher order corrections to decay constants of mesons	Unpublished
	Pandya J. N.	Seminar on Theoretical Physics for Condensed Matter, Atoms, Molecules and Particles, March 21-22, 2003, Department of Physics, S. P. University, V. V. Nagar, Anand.	Study of hadron spectroscopy based on confinement models. (Ph. D.)	Unpublished
	Chhaniwal V. K., Pandya J. N. and Arun Anand	-do-	Digital image tracing of diffusion interferograms	Unpublished
	Chavda N. D. & Chauhan J. N.	-do-	Nearest neighbour spacing distribution (NNSD) for map functions in chaotic domain	Unpublished
5	Chemical Engineering			
	Sengupta R.	7 th National workshop of Forum of contemporary thought.	Order in Science & Humanities	Unpublished
6	Civil Engineering			
	Trivedi, S. H. Patel, H. M.	International conference water and waste water: Perspectives of Developing countries (WAPDEC) organized by IIT, Delhi and IWA, UK at Delhi on Dec. 11-13, 2002.	Artificial recharge practices in Industrial area: - A Case study of Apollo Tyre Industry at Waghodia, Vadodara.	Published

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Mechanical Engineering

Ekbote M. A. & Prabhakaran P	BARC, Trombay, 1 st National Conference on Nuclear Reactor Safety, 25-27 Nov. 2002	Experimental rig for study of discharges through small branches in horizontal pipe with stratified flow	Published
Patel A R, Karhadkar G D, Prabhakaran P, Kansara R N	International Conference on Recent Advances in Solar Energy Conversion Systems, ICSECS, 2002. 28-29 September, 2002.	Parametric analysis of biomass gasifier assisted hot air generator system	Published
Qureshi AA, Qureshi M N	Entrepreneurship development cell Sardar Vallabhbai National Institute of Technology, Surat, 17-01-2003	Meeting challenges of world class operation towards Engineering management for the successful entrepreneurship	Published
Padole N C, Pillai Bindu, Rupani Jignesh, Desai P B	Proceedings of International conference on "e manufacturing", 17-19 Nov 2002, Institution of Engineers	Remote control of machine using tele-manufacturing	Published
Jaiswal Deepak, Purohit H, Karhadkar G D, Desai P B	Proceedings of International Conference on "Advances in manufacturing techniques" Jan 2003	Design and development of microstepping table for gap control of Ultrasonic machine	Published
Sheoday Shrikant, Deshmukh Atul, Karhadkar G D, Desai P B	Proceedings of International Conference on "Advances in Manufacturing Techniques" ADMATECH-2003, Jan 2003	Fuzzy Logic as a tool for optimizing EDM Process	Published
Shah Nehal, Padole N C, Desai P B	(i) Proceedings of International Conference on "Advances in manufacturing techniques" Jan 2003	Expert system development for Ultrasonic horn development	Published
	(ii) Proceedings of International Conference on "Advances in manufacturing techniques" Jan 2003	Design & dimensioning Ultrasonic horn using Auto Lisp	Published
Qureshi M N	(i) VII Annual Convention of ISTE Gujarat Section & one day seminar on a role of Technical Education for Sustainable Development at ADIT, New V.V.Nagar 13-10-2002	Role of Institution as "Technology Transfer Centre" for R & D Testing & consultancy:	Published
	(ii) International conference on "e-manufacturing: An Emerging need for 21 st Century World class Enterprises" 17-19 Nov.2002	Need of the day World class Manufacturing :A Global Need	Published

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	(iii) Workshop in "Development of Ancellory for large & medium scale Industries" orgd. by EDC, SVIT , Surat. 16-18 Jan 2003	Meeting challenges of world class operation towards Engg. Mgt. for the successful Entrepens	Published	
	Qureshi M N, Vegda R H	National Conference on Advances in Manufacturing Technology" Dept. of Mech. Engg., NSS college of Engg.,Palakkad, Kerela	Value Methods- A Competitive strategy for world class operation	Published
8	Metallurgical Engineering Joshi P.B., Gadgeel V.L., Upadhyaya G.H., Marathe G.R. and Ramakrishnan P.	International Symposium on 'Recent Advances in Inorganic Materials', IIT, Bombay, Dec. 2002 at Mumbai	Processing and Evaluation of Silver-Cadmium Oxide Electrical Contact Materials produced from Mechanico-chemically Synthesised Powders	Published
	Joshi P.B., Marathe G.R., Upadhyaya G.H.and Gadgeel V.L.	56 th Annual Tech. Meeting of IIM at NMD-ATM 2002 on 14 th Nov. 2002	Silver-Cadmium Oxide Electrical Contact Material produced by Inorganic Processor Route	Unpublished
	Gadgeel V.L., Vakaskar D.C. and Patel D.P.	56 th Annual Tech. Meeting of IIM at NMD-ATM 2002 on 14 th Nov. 2002	Numerical Simulation of Hot Closed Die Forging	Unpublished
	Sundar Murti N.S. & Rehani Bharati R.	56 th Annual Technical Meeting, IIM, 14 th -18 th Nov. 2002, Baroda, IIM Baroda Chapter	Effect of Process Parameter on Thermal Analysis of Chalcopyrite	Unpublished
	Ghetia J., Ashapuri P., Menghani J.V. & Agrawal S.K.	Intl. Conf. on Metals & Materials for the Automobile Ind., IIM, Delhi Chapter, New Delhi, 13 th & 14 th Sept. 2002	Effect of R.E. Addition on A-356 Alloy used for wheels	UnPublished
	Badheka V.J., Menghani J.V., Agrawal S.K. & Soman S.N.	NMD & ATM of IIM, Baroda, 14 th -17 th Nov. 2002	Comparative Study of 6% Cr Hard faced Deposit by FCAW & SMAW	Unpublished
	Badheka V.J., Agrawal S.K. & Soman S.N.	Intl. Inst. of Welding Asian Pacific Intl. Congress, Int. Inst. of Welding, Singapore, 29 th -31 st Oct. 2002	Narrow Gap MIG Welding of Mild Steel	UnPublished
	Madnani Rajesh, Sojetra K.R., Acharya D.V. &	Nat. Welding Seminar-02, Ind. Inst. of Welding Kolkata, 23-25 th Jan. 2003	Effect of Weld Parameters and Flux Composition on Weld Metal Ductility of 304 Weldments	Published
	Agrawal S.K	Foundation Day Seminar, ERDA, Baroda, 13 th March	Duplex Stainless steels	Published

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Basa D.K.	(i) National Workshop on Engineering Materials, 11 th -12 th March 2003, ERDA, Baroda	Industrial Diamond and Diamond Thin Films	Published
	(ii) UGC Sponsored Refresher course in Material Science at G.H. Patel Institute of Materials Science, S.P. University, Vallabh Vidhyanagar, Nov. 24, 2002	Delivered two lectures on NDT of Materials	Unpublished
	(iii) ISTE Short Term Course at NIRMA Institute of Tech., Ahmedabad, 3 rd Jan. 2003	Lecture on NDT Techniques	Unpublished
Raval S.R., Vala U.V. and Pai K.B.	National Seminar on Stainless Steel, IIM Baroda Chapter, Dec. 14-15, 2002, Baroda	Studies on Mo Stabilized Film of SS 316 Using EI Spectroscopy	published
Acharya B.D. and Pai K.B.	National Seminar on Stainless Steel, IIM Baroda Chapter, Dec. 14-15, 2002, Baroda	Intergranular Corrosion in ASS and its Test Analysis	Published
Raval S.R., Vala U.V. & Pai K.B.	56 th NMD-ATM of IIM at Vadodara, 14 th -17 th Nov. 2002	Evaluation of Passivity Behaviour of ASS 304 & 316 and Ti and Ti-5% Ta Alloy using EI spectroscopy	Unpublished
Singh M.P., Tripathy R.N., Singh R.K., Vala U.V. and Pai K.B.	56 th NMD-ATM of IIM at Vadodara, 14 th -17 th Nov. 2002	New Product Development for OEM field -Steelco Gujarat	Unpublished
Vala U.V. and Pai K.B.	56 th NMD-ATM of IIM at Vadodara, 14 th -17 th Nov. 2002	Corrosion Studies on Various Al-Cu and Spectroscopy Al-Cu-Li Aerospace Materials	Unpublished
Vala U.V., Khurana S.C. & Pai K.B.	56 th NMD-ATM of IIM at Vadodara, 14 th -17 th Nov. 2002	Corrosion Characterisation of Coatings obtained from Alkaline Zinc Plating Bath Using Electrochem. Technique	Unpublished
Sinha M.P., Singh M.P., Tripathy R.N., Vala U.V. & Pai K.B.	56 th NMD-ATM of IIM at Vadodara, 14 th -17 th Nov. 2002	Experience of Ultra Thin Gauge Rolling of steel at Steelco Gujarat Limited	Unpublished
Dave I.B., Vala U.V. & Pai K.B.	CORCON-2002, NACE (I) Section, 28-30 Nov. 2002 Goa	Corrosion Behaviour of Different Zinc Electroplated and Passivated Steel	Published

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Dave I.B., Vala U.V. & Pai K.B.	CORCON-2002, NACE (I) Section, 28-30 Nov.2002 Goa	Studies on Anodized Oxide Film of Al-Li and Al-Cu Alloys as Aerospace Material	Published
Vala U.V., Raval S.R. & Pai K.B.	CORCON-2002, NACE (I) Section, 28-30 Nov.2002 Goa	Studies on Ti & its Alloy and Stainless Steels for Phosphoric Acid Plant	Published
Prajapati J., Khurana S.C., Vala U.V. & Pai K.B.	Asia International-2002, MFAI, 19-21 Nov. 2002, New Delhi	Effect of Pb, Al and Fe on Hot Dip Galvanized Steel	Published
Panara Nilam J., Chourasia N.C. & Rehani B.R.	NMD-ATM 2002, The Indian Institute of Metals, Baroda & Mumbai Chapter, Baroda, Nov. 14-17, 2002	Electro Mechanical Behaviour of Semiconductor for Thin Film as strain Sensor	Unpublished
Rehani B.R. & Chourasia N.C.	National Seminar on "Advances in Materials and Processes" Metallurgical Engineering Dept, Baroda, April 3-4, 2003	Thermoelectric Power of Bismuth Thin Films Prepared by PVD Technique	Unpublished
Joshi P.B., Marathe G.R., Upadhyay G.H., Shah R.B. and Ramakrishnan P.	National Conference on "Processes in Composite Materials" organized by ASM International, India Chapter at Mumbai on 56 th Annual Tech. Meeting of IIM at NMD-ATM 2002 on 14 th Nov. 2002	SEM Studies on Erosion Behaviour of Ag-CdO and Reaction-milled AgSnO ₂ Contact Material	Published
Sah.R. & Dutta S.K.	56 th ATM of IIM, Vadodara, 14-17 th Nov. 2002	Reduction Smelting of Composite Pellets	Unpublished
Dutta S.K., Lele A.B. & Mukherjee J.	56 th ATM of IIM, Vadodara, 14-17 th Nov. 2002	Material and Energy Balance of CONARC Process	Unpublished
Dutta S.K., Lele A.B., Patel V.B. & Bhandari M.	56 th ATM of IIM, Vadodara, 14-17 th Nov. 2002	Heat and Mass Balance in IF-MRK-LRF Route for Stainless Steel Prod.	Unpublished
Patel M.N. & Soman S.N.	56 th ATM of IIM, Vadodara, 14-17 th Nov. 2002	Sensitization Study of Super austenitics and Conventional Stainless Steels	Unpublished
Raval S. R. Jani V.A. Pai K.B. Pai	Annual Technical Meet of Indian Institute of Metals, 14-17 th Nov. 2002, Vadodara	Corrosion Behavior of Titanium & Titanium-5% Tantalum Alloy in Phosphoric Acid	Unpublished
Rehani Bharati R., Sundar Murti N.S. Pandya Jeegar & Ethtesham Vidha	UGC-DRS National Seminar, Met. Engg. Dept. 'Advances in Materials and Processes', 3-4 th April 2003	Demonstration and reduction kinetics of Pyrolusite	Unpublished

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Pharmacy

Murthy R.S.R & A.R. Mullaicharam	Fourth International Symposium of advances in Technology & Business potential of NDDS May 2002	Lung uptake of noisome entrapped Rifampicin following intavinas & Intra tracheal administration in rats.	Published
Murthy R.S.R, N. Subramaniam & L Harivardhan Reddy	55 th Indian Pharmaceutical congress Pune, Dec 2002	Study on in-vitro Steric stabilisation effect of various anticancer liposomal formulations using eletrolyte induced flocculation technique.	Published
Murthy R.S.R & N. Subramaniam & L Harivardhan Reddy	55 th Indian Pharmaceutical congress Pune, Dec 2002	Polybutyle cycnoacrilate nano particle containing anti cancer agents- study of formulation variables & release charactrstics	Published
Balaraman R. and Bafna P.A.	Indian Pharmacological Society – Annual Conference, 26 th to 29 Nov. 2002, Gwalior	Anti Ulsar and Anti oxidant activity of DHC-1 A herbal formulation.	Published
Halen P.K., Chhagti K.K., Giridhar R. & Yadav M.R.	(i) 54 th IPC, 2002 Pune Dec.13 to 15 th 2002	Synthesis and evaluation of certain Diclofenac analogs with therapeutic advantage over the parent drug.	Unpublished
	(ii) 54 th IPC, 2002 Pune Dec.13 to 15 th 2002	Synthesis Pharmacokinetics & PlasmacoDynamic profile of aminoester derivatives of ibuprofen.	Unpublished
Shah Pranav J., Misra A.N., Maheshkumar T.	54 th IPC, 2002 Pune Dec.13 to 15 th 2002	Influence of permeation Enhancement on the Nasomucosal Delivery of Calcitonin	Unpublished
Patel Priyal, Misra Ambikanandan	54 th IPC, 2002 Pune Dec.13 to 15 th 2002	Development of topical Luiposomal Formulation for the treatment of burn patients	Unpublished

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	Shahiwala Aliasgar, Misra A. N.	International symposium on Drug Delivery systems, Mumbai, 1-3 March 03	(i) Enhancement in Liposomal entrapment efficient efficiency using Freeze-thou cycle (ii) Changes in serum Glyoprotiens level in Obesity in Diabetes nellitus Patients.Changes in serum glyoproteins in	Unpublished
	Sawant Krutika K. & Patel Rakesh	54 th IPC, 2002 Pune Dec.13 to 15 th 2002	Enhancement of dissolution properties of furosemide by inclusion icomplexation with B- cyclodextrin	Unpublished
	Mashru Rajashree, Songire Rahul, Chaudhary Mohan R.	54 th IPC, 2002 Pune Dec.13 to 15 th 2002	Preparation and Evaluation cross linked starch iodine complex as a topical antiseptic	Unpublished
10	Textile Chemistry			
	Bhattacharya, S. D. & Daniel, M.	Environment Management in Textile Industries, organized by Deptt. of Text. Tech., IIT; New Delhi on April 11-12, 2003	"Dyeing of natural colours – A new Horizon"	Published
11	Textile Engineering			
	Patel P.C. & Bhawalkar D M	Natonal convention on present scenario of spinning sement of Textile in dustries at Jadpur, Feb - 2003	Improvement in yarn quality and rong spinning productivity by blendig of the technology with air jet spinning or open end friction spinning	Published
	Mankodi Hireni & Patel P C	Magical textile, international conf. At Dubrovnik, Croatia, 6-9 th Oct, 2002	Hybrid yarns for thermoplastic composites,	Published
	Mankodi Hireni & Vasavada D A	Hybrid yarns for thermoplastic composites, international conf. At Dubrovnik, Croatia, 6-9 th Oct, 2002	Global technological progress and opportunities for textile and clothing industry	Published
	Mankodi Hireni	ICCE'9, International conference at USA, New Or land, 1-6 th July 2002	Hybrid yarns for thermoplastic composites, Recent advances in spinning technology	Published
	Sanghadia J. B. & Shaikh T N	Institute of Labour development at Jaipur, National technical convention as present scenario of spinning segment of textile industry, 19-20 Jan, 2003		Published

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	Shaikh T N & Kanade P.S.	Shri G.S. Institute of Tech. & Sci., Indore, 25-26 Oct. 2002	Impact of technological change in textile ind. On today's sci-tech women	Published
	WREMI			
12	Shete D T	International Conf. on Hydrology and Watershed Management with a Focal Theme on Water Quality and Conservative for Sustainable Development, Organized by Centre for Water Resources, Inst. Of Post Graduate Studies & Research, J N T U at Hyderabad, 18 – 20 December 2002	Optimal micro Irrigation System layout and design for Lemon	Published
	Parthsarthy G S	National Level 2 days workshop on Micro level Water Resources Development through rain water management, Water Technology Centre for Eastern Region of Bhuvaneshwar, 27 th & 28 th Feb. 2003	Mechanism of social management of micro level water resources development through rain water harvesting	Published

IV TALKS OF ACADEMIC NATURE IN PROFESSIONAL PROGRAMMES

Sr. No	Names	Nature of Professional Programmes	Title	Capacity of Participation
1	Applied Chemistry			
	Chudasama U.V.	Twenty first annual convention of the "Indian Council of Chemists" held at Rani Durgavati University, Jabalpur 17-19 Oct.2002	Advanced Inorganic materials of the class of tetravalent metal acid salts and their Application	Invited Speaker
2	Applied Mathematics			
	Pathak V.D.	i).UNESCO International Industrial Workshop on Industrial Maths Dec.,2002, at IIT, Mumbai, ii). Mini-Seminar on "Day with Mathematics" on 9-1-03, at Dept. of Maths,S.P.Univ, V.V.Nagar iii). Seventh Annual workshop of the Forum of Contemporary theory", on 31-10-02,MSU , Vadodara	Turing theory & unsolvable problems Foundations of Mathematical sciences And Implications -do-	Resource Person Invited Talk Invited Talk
	Vakaskar D.C.	Advanced Training program to Senior Managers, Railway Staff College,Baroda	ORACLE (RDBMS)	Invited Speaker
	Patel D.P.	UGC sponsored refresher course at Dept of Maths, SPU, Vallabh Vidya Nagar	Simulation and modeling May 2002	Resource Person

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3	Applied Mechanics & Str. Engg Patel N. M.	(i) Seminar on 26-4-02	Earthquake Effects on Soil, Foundation and Structures.	Expert Speaker	
		(ii) Seminar on 20-2-03	Analysis, Design & Computer Application in Reinforced Subgrades.	Expert Speaker	
		Shah H. J.	Seminar on 26-4-2002	Earthquake effects on soil, foundation and structures.	Expert Speaker
		Shroff A V	(i) Workshop Feb 2003	Forensic Geotechnical Investigation of distress due to settlement, at IIT-Madras.	Expert
(ii) Seminar March 2003	Stability improvement of clay enveloped waste chalk deposits, at IIT – Kanpur.		Expert		
(iii) Seminar Sept 2002	Grouting in Civil Engg Practice at Nirma Inst. Of Technology		Expert		
(iv) Summer School April, 02	Jet Grouting for deep ground stabilization at IIT-Madras.		Expert		
4.	Applied Physics	Joshi T. R.	NSPLA: National Seminar on process in luminescence and its applications on 14 th December 2002 organized by Luminescence Society of India and Bahauddina Science College, Junagadh, Gujarat.	Luminescence-Divyachakshu of modern scientific world.	Invited Speaker
		Potbhare V. N.	(i) Seventh National Annual workshop organized by Forum on contemporary thoughts, Octo 29-31, 2002, M. S. University of Baroda.	Quantum Mechanics and philosophy.	Invited Speaker
			(ii) Seminar: National Science Day organized by Indian Physics Association, Baroda Chapter, Feb 28, 2003.	Raman Effect	Invited Speaker
			(iii) Seminar on theoretical physics for condensed matter, atoms-molecules and particles- March 21-13, 2003 at Department of Physics, S. P. University, V. V. Nagar.	Variational Principles.	Invited Speaker
Narayanamurthy C. S.	U. G. C. Refresher course in physics, University of Kerala, Trivandrum.	Holography and applications.	Resource Person		

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	Panchal C. J.	Refresher course in experimental physics, Kalpakum, Nov. 2002.	Development and fabrication of high power laser diode.	Participant
5	Architecture			
	Matai Vijay U.	Continuing Education Programme (CEP) Indian Institute of Architects, Gujarat Chapter	Green Architecture (Sustainable Architecture)	Guest Speaker
6	Chemical Engineering			
	Sengupta R.	(i) TECHSAT PROJECT, Gujarat council of science & Tech.	Membrane Technology	Invited Speaker
		(ii) Short Term training programme "Energy Management & Optimization in chemical process Industries	Process Integration	Invited Speaker
7	Civil Engineering			
	Sutaria, P. N.	Seminar for Engineers and Students. B V M College of Engg. V V nagar, Institution of Eng (I) V V Nagar, Ground Water Forum.	Recent trends in Irrigation water Distribution methods.	Invited Talks.
	Patel, A. S.	(i) The Institution of Engineers Vadodara Local Centre (India). Engineers members of Inst. On 19 th July 2002.	Water conservation, Recharge and harvesting.	Main Speaker
		(ii) One day seminar on "Water Harvesting potential of Gujarat 18 th Jan. 2003. Bharat Vikas Parishad, Alkapuri, Branch Water Management Forum and Inst. of Engrs.	"Water Harvesting Potential, of Gujarat- Efforts of NGO".	Speaker.
		(iii) Engineers & IV year students. B.V.M. college V.V.Nagar Inst. of Engineers V. V. Nagar Ground Water Forum.	Ground water recharging efforts by NGO in Gujarat.	Speaker.
8	Mechanical Engineering			
	Deshpande S. M.	E. M. E. Campus, Baroda	Bio Hazards of Nuclear Warfare	Speaker
	Qureshi M N	(i) Two week ISTE-AICTE sponsored STTP on "World class Manufacturing"	Need of World class manufacturing	Speaker
		(ii) One day seminar on "Present Technical Education – SWOT Analysis" at SUNIT, Surat	Role of Technical Education	Speaker
	Qureshi A A	S.T.T.P., World Class Manufacturing, at Polytechnic, Vadodara	Concurrent Engineering	Speaker

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9 Metallurgical Engineering			
Sundar Murti N.S.	Short Term Course on Material Science (UGC)	Thermal analysis and its application in material research (I & II) Two Lectures	Resource person invited talk
Agrawal S.K.	(i) Workshop on WPS 7 PQR, IIW, Baroda, 21 & 22 nd Sept. 2002	Welding Metallurgy	Chairman - IIW, Baroda Chapter
	(ii) Welders Training Programme, Nov. 2002 IIW, Baroda Branch	Presidential Address	Invited Speaker, Chairman of IIW, Baroda Branch
	(iii) Welding Inspector Course, 25 th to 29 th Jan. 2003, IIW Baroda Branch	Welding Metallurgy Presidential Address	Chief Organiser
	(iv) Welding in Fertilizer & Chemical Industry, IIW, Baroda Branch at GNFC, Bharuch, 29 th Aug.	Presidential Address	Chairman of IIW, Baroda Branch
Basa D.K.	Workshop on "Short falls in Industry-Institute Interaction – Causes and Solutions", 18 th Jan. 2003, Gandhi labour Institute, Ahmedabad organized by the Directorate of Technical Education, Gandhinagar		Participated as an initiator in Open House Discussion, also as an invited delegate
Chourasia N.C.	(i) Refresher course in Material Science sponsored by UGC at P.G. Dept. of Material Science, S.P. University, V.V. Nagar, Nov. 2002	Ferrous Materials	Invited Talks
	(ii) Invited talk at Charotar Institute of Technology, Changa, March. 2003	Importance of Material Science to Mech. Engg. Students	Invited Talks
Joshi P.B.	(i) National Workshop on 'Engineering Materials' organized by Electrical Research & Development Association (ERDA), Baroda on 11-12 th March 2003	Trends in Processing of Electrical Contact Materials	Delivered Invited Lecture & as a delegate
	(ii) One-day Workshop on 'Metallography for Engineers' organized by Metallography Society and Institution of Engineers, Baroda on 26 th October 2002	Basics of Metallurgy	Delivered Invited Lecture and also worked as Programme Coordinator

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10	Pharmacy Murthy R.S.R.	i) Chemical soc. of M.S. University of Baroda June 2002	Concepts in Drug Delivery Systems	Invited speaker
		ii) WHO Sponsored PCI workshop on QIP May 2002	Quality Assurance in Pharmaceutical Products	Invited speaker
	Mishra S.H.	ISTE Winter school at K.B. Institute of Pharm Educa. & Res. Gandhinagar	Herbal Drugs	Resource person
	Balalraman R.	AICTE/ISTE sponsored short term training programme at K.B. Institute at Pharm. Education Gandhinagar	Recent advances in phytochemistry & Pharmacology of Herbal Drugs	Resource person delivered a lecture
	Yadav M.R.	i) UGC Sponsored refresher course on “ Recent advances in pharmaceutical Techn. & Computer applications organized at G.J. University Hisar from 20 th Feb to 12 th Mar 2003	Application of comp. In Drug discovery	As a resource person.
		ii) -Do-	Preface inhibitors as Newer Drugs.	As a resource person.
	Sawant Krutika K	Seminar on Novel Drug Delivery system on, concepts and methodology Organised by TIFAC CORE in NDDS Pharmacy Dept. M.S.U Baroda	“Colon specific Drug delivery system	Speaker
11	Textile Chemistry			
	Mairal, A. K.	Lecture at E. M. E. School, Vadodara on 19- 2-2003 at E. M. E.	Latest Development in Textile Fibre For Defence & NBC Warfare	Invited Speaker
12	Textile Engineering			
	Shaikh T N	ISTE summer school	Development in production & processing technologies for textured yarn & fabric	Participant
	Vasavada D.A.	Industry Institute interaction	Short falls & solutions in Industry Institute interaction	Participant
13	WREMI			
	Parthsarthy G S	(i) UNICEF sponsored National level training course on “Water harvesting conservation and recharge” at Gujarat Jalseva Training Institute, Gandhinagar, 8 th Oct 2002	Artificial recharge by tube wells and issues related to water harvesting structures.	Resource Person
		(ii) UNICEF sponsored National level training course on “Water harvesting conservation & recharge” at Gujarat Jalseva Training Institute, Gandhinagar, 20-12-02	Artificial Recharge Techniques	Resource Person

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V CONTRIBUTION IN CONDUCTING PROFESSIONAL PROGRAMME ASSISTANCE IN ADMINISTRATIVE /

ACADEMIC PROGRAMMES

Sr. No	Name(s)	Programme(s), Place and Date(s)	Participated as
1	Applied Chemistry Chudasama U.V	Third All Gujarat Research Scholar's Meet(TAGRSM) – 2003 Indian Chemical Society, (Baroda Chapter), 23 rd Feb.2003	Organising member
	Murthy C.N.	Third All Gujarat Research Scholar's Meet(TAGRSM) – 2003 Indian Chemical Society, (Baroda Chapter), 23 rd Feb.2003	Committee member
2	Applied Mathematics RamaMohan S.	Resource centre for Indian Language Technologies in Gujarati, Faculty of Arts, MSU, 2002-2003	Investigator
3	Applied Mechanics & Str. Engg Biyani K. R.	(i) Admissions (Post-Graduate) Baroda 2002-2003 (ii) Ragging Committee 2002-2003	Co-ordinator Member
	4	Applied Physics Murthy K. V. R.	(i) National Seminar on Frontiers in Luminescence and its Applications, Bahuddin Govt. Science College, Dec. 14, 2002, Junagadh, Gujarat. (ii) National Symposium on Luminescence and its Applications, NLSA-03, NPL, New Delhi, Feb. 12-14, 2003.
Arun Pratap		(i) Workshop on Thermal analysis, Feb. 7, 2003, Baroda. (ii) National Science Day' Celecbration on Feb 28, 2003 organized by Indian Physics Association (IPA), Baroda Chapter at Baroda	Organizing Committee Coordinator Secretary, IPA, Baroda Chapter
	5	Architecture Shelat Uday H.	Presented lecture and slide show in Quality Improvement Programme (QIP) sponsored by AICTE at School of Architecture, Kamala Raheja Vidyanidhi Institute for Architecture and Environmental Studies, Bandra, Mumbai, January 2003. Lecture on 'Architectural Heritage of Gujarat' presented at seminar 'Region, Realm and Culture' the identity of Gujarat and identities in Gujarat on 9 th to 11 th January 2003, Department of History, The M.S.University of Baroda, Vadodara.
6	Civil Engineering Shah A. R.	Centralized Degree Admission Committee, L.D. College of Engg., Ahmedabad. 1 st year admissions at Fac. of Tech. & Engg., M.S.U. & at L. D. Engg. College. in summer vacation & in July Aug. 2002.	Member for collection of admission forms at Fac. of Tech. & Engg., & Member for admission committee at L. D. Engg. college, Ahmedabad.

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	Bhagat M. R.	Winter School sponsored by ISTE "Environmental friendly Transportation Planning" 9-20 Dec. 2002 at D. D. Institute of Tech. Nadiad at Civil Engg. Dept.	Co-ordinator,
	Vyas P. D.	(i) Integration of Human values in Technical Education. I.S.T.E. Chapter at Faculty of Tech. & Engg. M.S.U. of Baroda.	Organising Secretary.
		(ii) "Erection" a periodical for the students of civil Engg., Civil Engg. Dept.	Co-ordinator.
		Blood Donation Camp on 8 th June 2002. for students of Faculty of Tech. & Engg.	Faculty Advisor ISTE, Student's Chapter.
		(iii) "Challenges in construction and const. planning of the big dig" largest infrastructure prof. of USA by Shri. Arvind Shahane.	Organizing Secretary of MSUCEAA.
		(iv) International Water Quality Standard by Shri. Nayan Khambhati. MSUCEAA @ Faculty of Tech & Engg.	Organizing Secretary of MSUCEAA
7	Computer Science		
	Patel H J	MCA & MBA Programme of IGNOU, Baroda Study Centre, 2002 -2003	Course Counsellor
	Parekh B S	Polytechnic College I) Dip. in IT II) Dip in Comp Sci, 2002 - 03	To finding the 3-years Diploma syllabus of (i) I.T. & (ii) Comp Sci
	Bhavsar P R	MCA Programme of IGNOU, Baroda Study Centre, 2002 – 2003	Course Counsellor
8	Mechanical Engineering		
	Nanavati J. I.	i) NBA-AICTE Accreditation Programme at Nellore, (A. P.), 23-24 April 2002	Member of Expert Committee
		ii) Selection Committee interviews at National Institute of Research on Jutes & Allied Fibre Technology, Calcutta Invited by DG-ICAR, 18 th May 2002	Expert member, selection committee
		iii) For Selection committee interview at C. K. Pitrawlla College of Engg. & Tech. Surat, 26 th Feb 2003	Expert member, selection committee
		iv) For selection committee interview at Parul Institute of Engg. & Technology, Vadodara, 2 nd March 2003	Expert member, selection committee

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9	Metallurgical Engg Gadgeel V.L.	(i).Departmental Research Support (DRS) III Phase	Coordinator
		(ii). 40 th NMD and 56 th ATM of Indian Institute of Metals (IIM) and Symposium on Metals and Alloys in Chemical Industries held at Baroda from 14 th -17 th Nov. 2002	Delegate
Sundar Murti N.S		(i) DRS Phase III Metallurgy	Jt. Coordinator
		(ii) 40 th NMD and 56 th ATM of Indian Institute of Metals (IIM) and Symposium on Metals and Alloys in Chemical Industries held at Baroda from 14 th -16 th Nov. 2002	Delegate
Agrawal S.K		40 th NMD and 56 th ATM of Indian Institute of Metals (IIM) and Symposium on Metals and Alloys in Chemical Industries held at Baroda from 14 th -17 th Nov. 2002	Delegate
Basa D.K.		40 th NMD and 56 th ATM of Indian Institute of Metals (IIM) and Symposium on Metals and Alloys in Chemical Industries held at Baroda from 14 th -17 th Nov. 2002	Chaired a Technical Session , also as delegate
Pai K.B.		40 th NMD and 56 th ATM of Indian Institute of Metals (IIM) and Symposium on Metals and Alloys in Chemical Industries held at Baroda from 14 th -17 th Nov. 2002	Organizer
Khurana S.C.		40 th NMD and 56 th ATM of Indian Institute of Metals (IIM) and Symposium on Metals and Alloys in Chemical Industries held at Baroda from 14 th -17 th Nov. 2002	Treasurer , also as Organizer
Chourasia N.C.		(i) Indian Institute of Metals AGM at Baroda, 40 th National Met. Day, 15 th -17 th Nov. 2002	Registration Committee Member
		(ii) Indian Physics Association, Baroda Chapter, 7 th Feb. 2003 Workshop on Thermal Analysis	Delegate
		(iii) 40 th NMD and 56 th ATM of Indian Institute of Metals (IIM) and Symposium on Metals and Alloys in Chemical Industries held at Baroda from 14 th -17 th Nov. 2002	Delegate
Joshi P.B.		(i) One-day Workshop on 'Metallography for Engineers, organized by Metallography Society and Institution of Engineers, Baroda local center at Baroda on 26 th October 2002	Participated as the Programme Coordinator
		(ii) 40 th NMD and 56 th ATM of Indian Institute of Metals (IIM) and Symposium on Metals and Alloys in Chemical Industries held at Baroda from 14 th -17 th Nov. 2002	
Dutta S.K.		(i) 40 th NMD & 56 th ATM of IIM, Vadodara, 14-17 th Nov. 2002	(i) Organizer (ii) Co-Convenor International Sym. Tech. comm
		(ii) Workshop on "Ladle-Tundish-Mould Operation: Principles and Practice" 17-18 th Jan. 2003, IIT, Kanpur	(iii) Convenor, Souv.com. Delegate
		(iii) Ind. Educational visit to "Essar Steel" Hazira, 8 th March 2003	Teacher Guide for B.E. III Students

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Lele A.B.	(i) 40 th NMD & 56 th ATM of IIM, Vadodara, 14-17 th Nov. 2002	(i) Organizer (Member of Core Comm.)
		(ii) Co-Convenor (Souvenir Comm.)
		(iii) Convenor (Session Halls and Poster Arrangement)
Patel M.N.	(ii) Industrial visit (Educational) to "Essar Steel" Hazira, 8 th March 2003	Teacher Guide for U.G. students of BE III (Met.)
Soman S.N.	40 th NMD & 56 th ATM of IIM, Vadodara, 14-17 th Nov. 2002	Organising Committee Member
Chauhan B.J.	National Metallurgist Day-ATM 2002, 14 th -17 th Nov. 2002, Vadodara	Delegate
	National Metallurgist's Day-ATM 2002, 14-17 th Nov. 2002, Vadodara	Delegate
Raval S.R.	(i) Conducted National Metallurgist-Day along with Annual Technical Meet and International Symposium on 'Metals and Alloys for Chemical Industries'	Local Organising Secretary Organizer
	(ii) 40 th NMD and 56 th ATM of Indian Institute of Metals (IIM) and Symposium on Metals and Alloys in Chemical Industries held at Baroda from 14 th -17 th Nov. 2002	
Parmar K.H.	(i) NMD & 56 th ATM of IIM, Vadodara, 14-17 th Nov. 2002	Organised (Member of Core comm.)
	(ii) Industrial visit (Educational) to "Essar Steel" Hazira, 8 th March 2003	Teacher guide for BE III (Met.) students
Mathane V.V.	NMD & ATM 2002, 14-17 th Nov. 2002	Delegate
Rehani Bharati R.	(i) NMD-Atm 2002, IIM, Baroda Chapter, 14-17 th Nov. 2002	Registration Committee
	(ii) Workshop on Thermal Analysis, Indian Physics Association, Baroda, 7 th Feb. 2003	Delegate
Rao Vandana J.	40 th NMD and 56 th ATM of Indian Institute of Metals (IIM) and Symposium on Metals and Alloys in Chemical Industries held at Baroda from 14 th -17 th Nov. 2002	Delegate

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10	Pharmacy Murthy R.S.R.	(i) 54 th IPC, 2002 Pune Dec.13 to 15 th 2002	Convener,
		(ii) National Pharmacy Week celebration Nov 2002, Counseling programme	As one of the organizer of programme
		(iii) National seminar on NDDS 27-28 th May 2002,	Co-ordinator
		(iv) Brain storming Session on Deedful research in NDDS in India	Co-ordinator
	Mishra S.H.	54 th IPC, 2002 Pune Dec.13 to 15 th 2002	Member, Scientific services Committee of the congress.
	Misra A.N.	(i) 54 th IPC, 2002 Pune Dec.13 to 15 th 2002	Chairman, Scientific Session
		(ii) National Pharmacy Week celebration Nov 2002 , Counseling programme	Secretary
		(iii) National seminar on NDDS 27-28 th May 2002	One of the organizer
		(iv) Brain storming Session on Deedful research in NDDS in India	Co-co-ordinator
	Nagar P.A	National Seminar on NDDS concept of Methodology 27&28 th May 02 MSU Baroda	Local organizer committee member
	Rathod S P	National Seminar on NDDS concept of Methodology 27&28 th May 02 MSU Baroda	Local organizer committee member
	Sawant Krutika K	(i) Seminar on "Nover Drug delivery system" concept of Methodology C.C.Mehta Auditorium MSU Baroda on 27 th &28 th May 2002	Member Organising Committee
		(ii) 54 th IPC, 2002 Pune Dec.13 to 15 th 2002	Co-chairman Sci. session
	Mashru R.	(i) Seminar on "Nover Drug delivery system" concept of Methodology C.C.Mehta Auditorium MSU Baroda on 27 th &28 th May 2002	As a member of publication committee
		(ii) Tranning programme on packaging 7 th & 8th Jan 2003	As a participant & LOC
11	Textile Chemistry		
	Bhattacharya, S. D.	Nominated by Director General, ICAR, As member of the Selection Committee in Textile Chemistry for ARS SCIENTIST of National Institute of Research on Jute & Allied Fibre Technology	Participated as member May, 2002
12	Textile Engineering		
	Mankodi Hireni	(i) Megical textile, international conf. at dabrounik, croatia.	Chairperson.
		(ii) International conference on textile industry beyond 2004.	As a member of textile association

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13	WREMI Shete D T	(i) Preconference workshop on Ground water development, organized by Centre for Water Resources, Institute of P G Studies and Research, JNTU, at Hyderabad, 17 th Dec 2002	Participant
		(ii) International conference on Hydrology and watershed management, with a focal theme on water quality and conservative for sustainable development organized by centre for water resources, Inst of P G Studies and research, JNTU, at Hyderabad, 18-20 th Dec 2002	Participant & Chair person
		(iii) 16 th brain storming session of new Delhi centre, World water council, New Delhi, 10 th Jan, 2003	Participant
		(iv) Annual convention of IASE, Udaipur 29-30 th Jan 2003.	Participant & Co-chair person

VI PARTICIPATION IN A ACADEMIC BODIES OF UNIVERSITIES, OTHER THAN MSU

Sr. No	Name(s)	Academic body of Universities / Institution and Place	Participated as
1	Applied Mathematics Pathak V.D.	(i) Board of studies in Mathematics, Bhavnagar University, Bhavnagar	Member
		(ii) Board of studies in Mathematics, South Gujarat University, Surat	Member
2	Applied Mechanics & Str. Engg Patodi S. C. Shah H. J. Biyani K. R.	L. D. Engineering College, Ahmedabad.	External Examiner
		SVNIT, Surat, and L. D. Engg. College, Ahmedabad.	External Examiner
		South Gujarat University, SVNIT, Surat.	External Examiner
3	Applied Physics Potbhare V. N.	Board of Studies in Physics	Co-Opted Member
4	Architecture Matal Vijay U. S. Brintha Lakshmi Mehta Punta J.	i) Board of Studies in Architecture A.P.I.E.D., Vallabh Vidyanagar, S.P. University.	Expert Member.
		(ii) Board of Studies in Interior Design Course.	Expert Member
		State Level Aptitude Test for Architecture (SATA) at School of Architecture, CEPT, Ahmedabad.	Member of SATA Committee and Examiner for SATA.
		Goa College of Architecture, Panaji, Goa.	Expert (paper setter and External Examiner), Entrance Exam.

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5 Computer Science

Patel H J Board of Studies Chairman

Parekh B S South Gujarat Univ., Board of Studies Member

Bhavsar P R Board of Studies Member

6 Mechanical Engineering

Nanavati J. I. B.O.S. in Mech. Engg. Dept. Gujarat University, Ahmedabad External Expert

Prabhakaran P B. O. S. in Mech. Engg. Dept. SVNIT, Surat External Expert

7 Metallurgical Engineering

Sundar Murti N.S. Research committee Admission at Ph.D. level registration Expert

Agrawal S.K. (i) .AICTE 1.Expert Member for Monitoring Engineering Institutions in Maharashtra State from 3rd to 8th March 2003 (both days including)

(ii) .AICTE 2. Expert Member for Monitoring Engineering Institutions in Maharashtra State from 23rd to 30th March 2003

Basa D.K. ERDA Expert Member in the Interview Board of ERDA, Baroda for Selection of Manager (MT) held at Baroda on 21st August 2002

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8	Pharmacy		
	Murthy R.S.R.	(i) Board of Studies in Pharmacy, Devi Ahilya Vishvavidhyalaya, Indore	Member
		(ii) Research degree committee, Rajiv Gandhi Tech. University of Bhopal	Member
		(iii) Project Evaluation Committee of AICTE	Expert Member
		(iv) National Board of Accreditation (NBA), AICTE	Expert Member
		(v) Standing Committee for Affiliation in Pharmacy Sardar Patel University Vallabh Vidyanagar	Expert Member
	Misra A. N.	(i) Board of Studies in Pharmacy, Saugar Univ.	Member
		(ii) Research Degree Committee, Saugar Univ.	Member
		(iii) Pharmacy Council of India	Team Inspector
		(iv) Member AICTE, in SKPatel College of Pharmacy, Mehsana and S.N.Nahata College of Pharmacy, Mandsaur	Member, AICTE
9	Textile Chemistry		
	Guha, S. B.	Adoc. Committee in Textile Chemistry, South Gujarat for the period of 23-5-2000 to 22-5-2003	Member of Adoc. Committee in Textile chemistry
1	Applied Mechanics & Str. Engg		
	Shah B A	Short term Training Program on Earthquake resistant design & Retrofitting methods at IIT-Roorkee from 30 th Jun to 12 th July 2002.	Participant
		Structural Steel Design, Short Term Course on MNIT, Jaipur from 23 rd Dec to 28 th Dec 2002	Participant
		National Seminar on Developments in Geotechnical Methods in Foundation Engineering, 2 nd Feb 2003, Vadodara	Participant

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	Patel V R	A short term course on Seismic design of bridge, conducted at Gandhinagar, sponsored by DTE, Gandhinagar. Dec 2002	Participant
		E-Course on Indian Seismic Code IS 1893-2002 (Part I) during 13-25 th Jan 2003	Participant
	Shah H J	A short term course on Indian Seismic Course IS 1893-2003 (Part – I) at Ahmedabad, March 2003.	Participant
		A short term course on Seismic design of bridge, conducted at Gandhinagar, sponsored by DTE, Gandhinagar Dec 02	Participant
2	Applied Physics Desai M. S.	Refresher Course-UGC, December 2-21, 2002, Department of Physics, S. P. University, V. V. Nagar	Participant
	Chakrabarty B. S.	Refresher Course-UGC, December 2-21, 2002, Department of Physics, S. P. University, V. V. Nagar	Participant
3	Architecture S.Britha Lakshmi	Towards Sustainable Habitats' at the Auroville Centre for Scientific Research Auroville. 'Decentralization and Capacity Building on Urban Governance' Conducted by the Institute for Housing and Urban Development Studies (IHS), Rotterdam, at New Delhi	Participant
	Mehta Punita J.	Quality Improvement Programme (QIP) on 'Urban Infrastructure – Planning & Management' – APIED, Vallabh Vidyanagar, 25 th Nov. – 6 th Dec. 2003.	Participant

VII PERFORMANCE BY INDIVIDUAL / GROUP

Sr. No	Name	Place and Date(s)	Nature of Performance
1	Architecture		
	Matai Vijay U.	Planning Design of 'Bachelor of Computer Application' college building, Faculty of Science, The M.S.University of Baroda, Vadodara. 2002 – 2003	Group Leader
	Mehta Punita J.	Planning Design of 'Bachelor of Computer Application' college building, Faculty of Science, The M.S.University of Baroda, Vadodara. 2002 – 2003	Group Member
	Vasudeva Bhawana	Planning Design of 'Bachelor of Computer Application' college building, Faculty of Science, The M.S.University of Baroda, Vadodara. 2002 - 2003	Group Member

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VIII 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
1	Applied Chemistry		
	Chudasama U.V. and Patel H.K	Prof. B.C.Halder award for best paper presentation in Inorganic Chemistry section at the 39 th National Annual Convention of chemist, organised by Indian Chemical Society Dec.2002.	Presented the research work being done currently.
	Chudasama U.V., Patel H.K. and Parikh A.H.	First prize in the Material Science section for best paper presentation at the state level conference, Third All Gujarat Research Scholars Meet – (TAGRSM-2003).	Presented the research work being done currently
	Chudasama U.V., Patel S.M. and Maheria K.C.	First prize in the Analytical Chemistry section for best paper presentation at the state level conference, Third all Gujarat Research Scholars Meet (TAGRSM-2003)	Presented the research work being done currently
2	Applied Physics		
	Arun Pratap	CSIR Visiting Associateship	Visited Central Glass & Ceramic Research Institute (CG&CRI), Kolkata.
	Narayanamurthy C. S.	Selected as Regular Associate of Institute of Mathematical Sciences, Chennai.	To carry out Advanced research with Faculty of I. M. Sc.
3	Chemical Engineering		
	Prof. Subrahmanyam N.	National	ISTE-IPCL award for the best M.Tech thesis in India for 2002
4	Metallurgical Engineering		
	Agrawal S.K.	The Intl. Advisory Committee for Conf. Titled, "Welding and Joining 2005, Frontiers of Mat. Joining Conf. at Tel. Aviv. Israel	Member
5	Pharmacy		
	Mashru R.	Research Board of Advisor of the American Bio-graphical Institute	As a Advis
	Murthy R.S.R.	Indian Pharmaceutical Association Fellowship award Dec 2002	

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7

WREMI

Parthsarthy G S

National Level – Hariom Ashram Prerit Bhaikaka inter university Prize for best Paper published in Civil Engg in 2002 by S P University, Vallabh Vidyanagar 2003.

Paper presented jointly with Patel A S, "Development of performance indicators of percolation tanks"

2. Metallurgical Engineering*

* Metallurgy Dept: (A) Students

- The Society of Metallurgical Engineering Students (SMES) organized an event "Meet the Chairmen" on 26th Feb. 2002. The professional bodies namely IIM, IIF, ISNT, IIW & Institution of Engineers (IE) were represented by the respective chairmen of local bodies.
- As a part of activity of improving amenities for staff and students of dept. the Society of Metallurgical Engineering Students (SMES) played an important role in installing a much-needed new water cooler in dept. through donation. The water cooler was installed in the month of April'02.
- Dr. V.N. Mishra Director, Regional Research Lab., Bhubaneshwar who was earlier a faculty member of this Dept. paid a visit to dept. & delivered a talk on R & D activities at RRL, Bhubaneshwar for reduction of Alumina on 15th Feb.'02.
- A get-together cum Farewell to final year (2001-2002 batch Met. Engg.) students was organized on 11th June at Hotel Surya. Teaching, non-teaching staff members, students & research scholars of Dept. attended the programme, which was followed by dinner.
- On behalf of SMES, President, Prof. D.K. Basa & senior staff members of dept. Prof. V.L. Gadgeel & Prof. S.K. Agrawal sent messages of goodwill to Alumni of 1972 batch through Mr. C.S. Patel on occasion of their "Reunion-1972 meet" at Chicago in July'02.
- A visit to Birla Copper Plant, Dahej by B.E. III (Met.) students was organized on 11th August 2002.
- A visit to Zinc Smelter at Udaipur & Zawar Mines by B.E. II students was organized on 25-28th Feb.'03.
- A visit to Essar Steel by B.E. III students was organized on 8th March'03.
- An interclass cricket tournament "Meta-Cup 2003" was organized at MSU Union Pavillion ground in Jan.'03.
- SMES published a 1000 copies of dept. profile on the occasion of NMD celebration & ATM of IIM at Baroda in Nov.'02.
- Welcome of 1st Met. Engg. students cum get together programme was organized on 11th Jan.'03.

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- Mr. D.A. Sindha, Laboratory Attender who was looking after the entire functioning of SMES library for over a decade donated a sum of Rs. 1,111/- to SMES in Jan.'03 in memory of death anniversary of his father late A.D. Sindha.
- Annual magazine of SMES, METALLIKA-2003 was released on the occasion of bidding farewell to the B.E. IV (Met.) students on 22nd March 2003.

IX MEMBERS OF THE FACULTY

Name	Designation	Area of Interest / Research
Applied Chemistry		
Chudasama U.V.	Professor	Inorganic Chemistry
Jejurkar C.R.	Professor	Inorganic Chemistry
Mahajan R.	Professor	Organic Chemistry
Jadav N.D.	Reader	Organic Chemistry
Murthy C.N.	Reader	Physical Chemistry
Dave J.S.	Reader	Organic Chemistry
Deota P.T.	Reader	Organic Chemistry
Bharambe D.P.	Lecturer	Inorganic Chemistry
Prajapati A.K.	Lecturer	Organic Chemistry
Sudhakar P.	Lecturer	Analytical Chemistry
Applied Mathematics		
Ramamohan S.	Professor	Fluid Mechanics/ Finite element method / Theoretical Computer Science
Pathak V.D.	Professor	Functional Analysis Optimization/ Computational Mathematics Fourier Analysis
Kantawala P S	Reader	Fourier Analysis
Patel D.P.	Reader	Nonlinear Analysis Control Theory, Neural Networks
George R.K.	Reader	FEM,FDM,CAD, Num. Methods, Indus. Maths
Vakaskar D.C.	Reader	Fourier Analysis
Shah B.M.	Reader	Controllability Problems and optimal control problems
Shah T. P.	Lecturer	
Rao Snehal	Lecturer	
Applied Mechanics & Str. Engg		
Shroff A V	Professor	Geotechnical Engineering
Vyas J K	Professor	Structural Engineering
Bhagia R M	Professor	Geotechnical Engineering
Patodi S C	Professor	Structural Engineering
Patel N M	Professor	Geotechnical Engineering
Biyani K R	Professor	Geotechnical Engineering
Shah D L	Professor	Geotechnical Engineering
Shah R H	Professor	Structural Engineering
Shah A K	Reader	Geotechnical Engineering
Shah S S	Reader	Structural Engineering
Parekh M O	Reader	Structural Engineering
Patodi R K	Reader	Structural Engineering
Patel G D	Reader	Structural Engineering
Chirmade A S	Reader	Structural Engineering
Giri P R	Reader	Geotechnical Engineering
Parikh J P	Reader	Structural Engineering

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Shah H J	Reader	Structural Engineering
Pandya I I	Reader	Structural Engineering
Darji P V	Lecturer	Structural Engineering
Shah B A	Lecturer	Structural Engineering
Joshi N H	Lecturer	Geotechnical Engineering
Rathod J D	Lecturer	Structural Engineering
Doiphode G S	Lecturer	Structural Engineering
Solanki N K	Lecturer	Structural Engineering
Marolia M K	Lecturer	Structural Engineering

Applied Physics

Joshi T. R.	Professor	Luminescence & related optical properties of materials
Potbhare V. N.	Professor	Theoretical & Nuclear physics
Shah A. J.	Reader	
Dhake K. P.	Reader	
Shah R. T.	Reader	Soild state physics & Modern Optics
Joshi D. R.	Reader	Soild state physics, Crystal science & growth
Murthy K. V. R.	Reader	Luminescence , Materials for Lamp applications
Pratap Arun	Reader	Condensed Matter Physics
Narayanamurthy C. S.	Reader	Applied Optics
Gandhi Y. H.	Reader	Luminescence of materials
Panchal C. J.	Lecturer	Semiconductor device physics & sensors
Desai M. S.	Lecturer	Particle and Nuclear theory
Chakrabarty B. S.	Lecturer	Luminescence

Architecture

Shelat Uday	Professor	Urban Housing, Humanities, Design, History of Architecture
Navangul Anil G.	Reader	Acoustics, Bldg.Const. Design, Professional Practice
Patel Malvika M.	Reader	Design, Bldg.Const., Climatology, Landscape Design
Matai Vijay U.	Reader	Climatology, Humanities, Landscape Design, Bldg.Const., Design
Trivedi Devyani K.	Reader	Bldg.Const., Design, Professional Practice, Auto CAAD
Pathak Dinesh D.	Lecturer	History of Architecture, Bldg.Const., Design, Human Settlement.
Desai Usha D.	Lecturer	Urban Planning, Design, Bldg. Const., Town Planning, Solid Geometry, Sciography & Perspective.
Brintha Lakshmi S.	Lecturer	History of Architecture, Design, Basic Design, Humanities, Urban
Mehta Punita J.	Lecturer	Environmental Management
Gupta Mayur K.	Lecturer	Design, Bldg.Const., Auto CAAD, Humanitites, Basic Design, Urban Design
Desai Mona S.	Lecturer	Basic Design, Colour Harmony in Textile, Fabric colour & Design, Sculpture
Vasudeva Bhawana	Lecturer	Interior Design, Bldg. Const., Design, Basic Design, Design, Bldg. Const., Humanities, Housing, Town Planning, Solid Geometry

Chemical Engineering

Subrahmanyam N.	Professor	Chem. Reac. Engg. Biotechnology
Moinuddin S.	Professor	Mass trasfer operations
Singh V.	Professor	Process Equipment Design
Divekar M. H.	Professor	Heat Tran. Operation
Patel R. V.	Reader	Biotechnology
Dabke S. P.	Reader	Chem. Reac. Engg., Chem. Engg. Thermo., Polymer Technology
Oza K. T.	Reader	Plastic Technology
Hathi K. K.	Reader	Transport Processes
Sengupta R.	Reader	Mass Transfer Operations, Petrochemical Tech., Modeling & Simulation
Surana. N. M.	Lecturer	Petrochemical Technology, Polymers Technology

11. Faculty of Technology & Engineering

Sengupta B. R.

Lecturer

New Separation Tech., Petroleum Refining

Civil Engineering

Sutaria P.N.

Professor

Hydraulic Structure

Vyas P.D.

Professor

Hydraulic Structure

Ghodke M.M.

Professor

Environmental Engineering

Bhatt N.M.

Reader

Environmental Engineering

Mandot A.S.

Reader

Highway & Transp. Engineering

Shah G.N.

Reader

Highway & Transp. Engineering

Shah D.P.

Reader

Highway & Transp. Engineering

Pathak R.H.

Reader

Highway & Transp. Engineering

Shah A.R.

Reader

Environmental Engineering

Patel M.B.

Reader

Hydraulic Structure

Patel A.S.

Reader

Hydraulic Structure

Bhatt K.S.

Reader

Environmental Engineering

Vashi B.D.

Reader

Highway & Transp. Engineering

Patel H.M.

Reader

Hydraulic Structure

Chauhan L.I.

Lecturer

Environmental Engineering

Joshi G.S.

Lecturer

Hydraulic Structure

Galgale A.D.

Lecturer

Environmental Engineering

Ajmeri P.S.

Lecturer

Surveying

Shrimali N.J.

Lecturer

Hydraulic Structure

Rana V.M.

Lecturer

Hydraulic Structure

Computer Science

Patel H J

Professor

Information System Design, Software Engineering, Operating System

Parekh B S

Professor

Microprocessor & Computer Architecture

Bhavsar P R

Reader

Computer Graphics, Artificial Intelligence

Jivani Anjali

Lecturer

Database Management Systems, Data Structure

Mehra Monika

Lecturer

Data Processing System, Management Information System

Padole Mamta

Lecturer

Management Information System, Database Management System

Electrical Engineering

Thakur S A

Professor

Elect Machine

Gupte S G

Professor

Power Systems

Joshi S M

Professor

Power Electronics

Bhavsar N G

Professor

Communication

Patel B A

Professor

Power Systems

Trivedi A I

Professor

Communication

Kanitkar S A

Professor

High Voltage Engg

Shah S K

Professor

Control Systems

Shah M C

Reader

Elect Machine

Vyas H R

Reader

Electrical

Patel K S

Reader

Power Electronics

Chandwani H B

Reader

Power Electronics

Chudasama A R

Reader

High Voltage Tech

Nehete P P

Reader

Electrical Machine

Gosavi M S

Reader

Instrumentation

Joshi S K

Reader

Power System

Kelkar R B

Reader

Electrical

11. Faculty of Technology & Engineering

Chokshi K G	Lecturer	Instrumentation
Shah K K	Lecturer	Power Electronics
Amin G I	Lecturer	Electronics
Deshpande A S	Lecturer	Electrical
Patel S J	Lecturer	Power Systems/Elect Machines
Misra A P	Lecturer	-do-
Vora H A	Lecturer	Control Systems/Comm
Patil S R	Lecturer	Electronics/Microprocessors
Gadit J J	Lecturer	Control Systems
Shah H M	Lecturer	Microprocessors
Vala D L	Lecturer	Electronics/Communications
Tailor H.R.	Lecturer	Elect Power/Elect Machines

Mechanical Engineering

Desai P. B.	Professor	Production Engg
Shukla H. J.	Professor	Heat Transfer
Nanavati J. I.	Professor	Fluid Power & M/C Design
Prabhakaran P.	Professor	Heat Transfer
Mahyavanshi V. K.	Professor	Turbomachines
Khatri J. P.	Reader	Production Engg
Manglani A. K.	Reader	Production Engg
Parikh S. C.	Reader	I C Engine
Mistry K. K.	Reader	Production Engg
Parikh K. B.	Reader	Production Engg
Kaluskar S. B.	Reader	Production Engg
Trivedi J. G.	Reader	Production Engg
Pathak S. B.	Reader	I C Engg
Soni G. S.	Reader	Machine Design
Shikh S. S.	Reader	Ref & A/Con
Shah B. B.	Reader	Ref & A/Con
Nagera A. R.	Reader	I C Engg
Desai P. I.	Reader	Production Engg
Patel N. S.	Reader	Th. Sc
Shanbhog N.	Reader	M/C Tool Engg
Patel S. R.	Reader	Machine Design
Naik R. G.	Reader	Th. Sc
Choksi H. S.	Reader	Th & FI Engg
Jain P. K.	Lecturer	Production Engg
Purohit P. S.	Lecturer	Production Engg
Bhagwanani A. P.	Lecturer	Production Engg
Patel C. J.	Lecturer	
Kamble L. V.	Lecturer	Production Engg
Deshpande S. M.	Lecturer	Th Sc
Parikh H. P.	Lecturer	Th.Sc
Qureshi A. A.	Lecturer	Production Engg
Mistry J. H.	Lecturer	Production Engg
Qureshi M. N.	Lecturer	Production Engg
Padole N. C.	Lecturer	Production Engg
Mehta J. R.	Lecturer	

Metallurgical Engineering

Gadgeel V L	Professor	Physical Metallurgy, Industrial Metallurgy
Murti N S S	Professor	Process Metallurgy, Mineral Benefication Corrosion Engg.
Agrawal S K	Professor	Ind.Metall. Physical Metall., Welding Metall., Foundry Tech
Basa D K	Professor	Foundry Tech., Composite Material, N D T
Pai K B	Professor	Corrosion Engg., Electro Metallurgy, Metal Finishing

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Khurana S C	Reader	Structural Metallurgy, Electro Metallurgy, Material Science
Lele A B	Reader	Extractive Metallurgy, Analytical Tech. in Met Process Met.
Chourasia N C	Reader	Physical Metallurgy, Thin Film Tech., Fracture Mechanics
Joshi P B	Reader	Powder Metallurgy, Physical Metallurgy, Material Tech
Dutta S K	Reader	Process Metallurgy, Mineral Dressing
Patel M N	Reader	Physical Metallurgy, Welding Metallurgy, Failure Analysis
Soman S N	Reader	Welding Metallurgy, Corrosion Engg., Materials Tech.
Chauhan B J	Reader	Physical Metallurgy, Materials Technology
Raval S R	Lecturer	Material Separation, Materials Tech
Parmar K H	Lecturer	Material Science, Corrosion Tech
Mathane V V	Lecturer	Foundry Corrosion
Rehani B R	Lecturer	Material Characterization, Physical Met., Mech Met.
Rao V J	Lecturer	Process Metallurgy, Mineral Processing
Badheka V J	Lecturer	Welding Industrial Met.

Pharmacy

Mishra Shri Hari M.	Professor	Pharmacognosy
Murthy R.S.R.	Professor	Pharmaceutics
R.Balaraman	Professor	Pharmacology
Misra A R.	Professor	Pharmaceutics
Yadav Mange Ram	Professor	Pharm.Chemistry
Kaur Ranjit	Reader	Pharm.Biochemistry
Giridhar R.	Reader	Pharm.Chemistry
Banerjee G.S.	Reader	Pharmacognosy
Rajput S.J.	Reader	Pharm.Analysis
Nagar P.A.	Reader	Pharm.Microbiology
Sawant K.K.	Reader	Pharmaceutics
Rathod S.P.	Reader	Pharmacology
Mashru R.C.	Lecturer	Pharm.Analysis

Textile Chemistry

Bhattacharya S D	Professor	Textile Chemistry
Guha S B	Professor	Textile Chemistry
Mairal A K	Reader	Textile Chemistry
Chattopadhyay D P	Reader	Textile Chemistry
Agarwal B J	Lecturer	Textile Chemistry
Shah S R	Lecturer	Textile Chemistry
Patel B H	Lecturer	Textile Chemistry
Shah J N	Lecturer	Textile Chemistry
Patel K J	Lecturer	Textile Chemistry

Textile Engineering

Bangalore V.A.	Professor	Spg. Mod. Yarn Prodn., Textg., MMFT
Bhattacharya S.S.	Professor	Spg. Mod. Yarn Prodn., Text.Structure, MMFT
Shah N.N.	Reader	Tstg. Non-Wovens, Worsted spg. Textg.
Patel P.C.	Reader	Spg. Geotextiles, MMFT, Mod.Yarn Prodn.
Sanghadia J. B.	Reader	Spg. Mill plang. Mod.Yarn Prodn.
Vernekar S.T.	Reader	Wvg. Fab. Str. Text. Str., Mod. Wvg. Y.P.Knitting
Vasavada D.A.	Reader	Wvg. Text. Str. Mod. Wvg., Y.P.Knitting, TOM
Koranne M.V.	Reader	Wvg. Fab. Str. Mod. Wvg. Y.P.
Bhavalkar D.M.	Lecturer	Spg. Worsted spg. TOM, mill plang.
Vagheliya H.D.	Lecturer	MMFT, Fab.Str.Spg. Y.P.
Mankodi H.R.	Lecturer	Wvg.Thoe of m/cs, Y.P.mill plang. Textrg.
Shaikh T.N.	Lecturer	Spg.Y.P. Wvg.Tstg.Fab. Str.
Kanade P.S.	Lecturer	Y.P.Wvg.Mill Plang. TOM

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Pratihari P.	Lecturer	Wvg. Fab. Str.
Chaudhari S.B.	Lecturer	MMFT, Wvg., Testg., Fab. Str., YP.
Chudasama D.J.	Lecturer	Y.P. Wvg. Tstg. Fab. Str. Spg.
Malek U A	Lecturer	Spg.Y.P.MMFT.mill plang. TOM

WREMI

Parthasarthy G S	Professor	Ware Resources Engineering
Shete D T	Professor	Water Resources Engineering
Parekh F P	Lecturer	Water Resources Engineering

X IMPORTANT EVENTS / ACTIVITIES OF THE FACULTY / UNIT

Description of Event	Date, Time, & Place
Metallurgical Engineering 56 th ATM & 40 th NMD of Indian Institute of Metals, was organized jointly by Baroda and Mumbai Chapters and supported by Metallurgical Engineering Department, M.S. University, Baroda.	14 th to 17 th November 2002 at Baroda

XI NEW COURSES INTRODUCED / APPROVED

Description of Event

Applied Mathematics

- (1) 1 Introduced M.Sc. (Applied Mathematics, (Industrial Mathematics))course from June 2002
- (2) Introduced P G D C A (Part Time) Self finance course from June 2002

Applied Mechanics & Str. Engg

Elements of 'IT', Programming & Numerical Methods at F.S. of B.E.-II (Civil) PTD

Metallurgical Engineering

Revised syllabi were introduced in the Post graduate courses of Industrial Metallurgy and Materials Technology with effect from July 2002.

Pharmacy

M Pharm. In New Drug Delivery System

Textile Chemistry

B Tech (Textile Chemistry) (12 + 4) course has been approved by Faculty Board and will be implemented once AICTE approval has been obtained.

Textile Engineering

Scheme of teaching of new courses approved: BE (TE) and BE (TT)
 Syllabi of BE-I (TE & TT) approved.

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XII CURRICULUM UP GRADATION

Applied Mathematics

1. Subjects Offered: Upgraded the Curriculum of M.Sc. (Applied Mathematics) & also started the M.Sc Applied Mathematics (Industrial Mathematics)

2. Options Offered: on the basis of 2nd Semester M.Sc. result about 10 students obtaining higher number of marks can offer for Industrial Mathematics. Those students not offering the Industrial Mathematics can opt any one of the paper at 3rd & 4th Semester

3rd Semester: (i) Application Fourier Analysis, (ii) Theoretical Computer science
4th Semester: (i) Wavelet Analysis, (ii) Theory of algorithm

OR

an opt self for study dissertation in lieu of these optional papers under the guidance of any Faculty Member.

Applied Mechanics & Str. Engg

1. Subjects Offered:

Elements of 'IT', Programming & Numerical Methods at F.S. OF B.E.-II (Civil, IWM)

2. Optional Offered:

1. Computer Application to Foundation Structures at S.S. of B.E.IV (Civil)
2. Dynamics of Structures at ME (Struct. Engg.) – Part-I

Architecture

1. **Subjects Offered:** Elective on "Urban Design" in Final Year

Metallurgical Engineering

1. **Subjects Offered:** Revised syllabi were introduced in the Post-graduate courses of Industrial Metallurgy and Materials Technology with effect from July 2002.

Pharmacy

1. **Subjects Offered:** Upgraded curriculum of P G with six branches of Pharmacy.

2. **Optional Offered:** Phalm Tech; Drug Design Development, Herbal Drug Tech.; Pharmacology; Pharm Quality Assurance

Textile Engineering

1. Subjects Offered:

Non-wovens & Industrial Textile introduced as new elective subject. Garment Technology & Knitting are made as core subjects.

XIII ADDITIONAL FACILITIES CREATED IN TERMS OF:

Applied Mechanics & Str. Engg

(A) New Equipment

- | | | |
|-----|---------------------------------|----------|
| 1. | Overhead Projector | - 1 No. |
| 2. | UPS | - 3 Nos. |
| 3. | Fax Machine | - 1 No. |
| 4. | Servo Control Stabilizer | - 1 No. |
| 5. | MSP Classic printer | - 1 No. |
| 6. | APC Make UPS | - 3 No. |
| 7. | Cannon Scanner | - 1 No. |
| 8. | Computer Pentium-IV | - 1 No. |
| 9. | Automatic Beam Vibration Set up | - 1 No. |
| 10. | Block Vibration Test Set up | - 1 No. |

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11.	Muffle Furnace	- 1 No.
12.	Digital Controller	- 1 No.
13.	Ball Mill	- 1 No.
14.	Water Temperature Controller	- 1 No.
15.	UPS	- 2 No.
16.	CBR Mould	- 1 No.
17.		

(B) New Laboratories / Seminar Rooms / Teaching Aids
- OHP 1 No.

Architecture

(B) New Laboratories / Seminar Rooms / Teaching Aids: Computer Laboratory for Teachers and Students.

Chemical Engineer

(A) New Equipment: Autoclave is purchased for research activity
Computer Science

(A) New Equipment:

15 P-IV based PC'S of Compaq makes are purchased for setting up a new laboratory for the department.

(B) New Laboratories / Seminar Rooms / Teaching Aids:

The department has designated one laboratory with LINUX Server for web based learning by the student initially the learning material for two subjects of

- 1) Software Engineering
- 2) Networking

The Department is in the process of establishment two more laboratories to be added for the facility of the student of the department.

Electrical Engineering

(A) New Equipment

Voltas 1.5 Ton Airconditioner, ECG Monitor with Visual & Audible Alarm & Simulator for Pacemaker, Phono Cardiograph System/Electrocardiograph System with Transducer & Recorder/BioSignal Simulator/Finger Plethy Sonography System/AC Electrode Kit., Digital Conductivity Meter, Toshniwal Make Light Spot Galvanometer, APC UPS-500 VA, HP-2200C Scanner, "Addtron" Make Trainer Board - DC/AC Servo Systems, Meco Make AC/DC Ammeter/Voltmeter/Wattmeter Power Facto Meter, Rheostate / Knife Switches/Technometer/Pure Indicator/ Auto transformer / Stroboscope, Decade Capacitance Box, Power Systems Software, 40 GB Hard Disk, 64 MB SD RAM, Mouse 3-button

Mechanical Engineering

(A) New Equipment: 02, 1. Rotary Air Compressor, 2. Multistage Centrifugal Pump
Metallurgical Engineering

(A) New Equipment: Scanning Electron Microscope with EDAX System

(B) New Laboratories / Seminar Rooms / Teaching Aids: LCD Projector, Overhead Projectors

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Pharmacy

(A) New Equipment:

- * SHIMADZU UV-VIS Spectrophotometer
one Unit –
- * GBC Atomic Absorption spectrophotometer
Model- 932 B+
- * Polyrite-1 Unit
Over Head Projector
- a) Digital Tablet Dissolution Test Apparatus (Veego)
- b) Digitigration Test Appts.
CO2 Incubator
Mini Artic Cooled Incubator
Lab. Spray Drier –Air Compressor
Rotavapour R-200
Refrigerated centrifuge
Vaccum pump
Rotary flash evaporator
Tele Thermometer with single probe
Lab. Freez Drier
Fourier Transform Infra Red spectrophotometer
Rotary Tableting Machine
Kalweka equipments Main Drive VDM
Lab control make plant growth chamber
Fluid Bed Coator
Precisa Swiss make electronic single pan balance
Sigma make Micro processor based Gas chromatograph Model MI-SOS
Gama Ray spectrophotometer
Double Beam UV-VIS spectrophotometer
Microprocessor Ion Analyzer with printers & electrodes

(B) New Laboratories / Seminar Rooms / Teaching Aids:

Laboratories are made full furnished with equipments and instruments at Shree G.H.Patel Pharmacy Building for P.G. and research work

1. Overhead Projectors-2
2. Seminar Room, Library and a Class Room have been created out of a big library hall.
3. Two laboratories viz. (1) Pharm. Analysis (2) NDDS Lab. are created.

Textile Chemistry

(A) New Equipment: Image analyzer, Computer colour matching systems, Computers

(B) New Laboratories / Seminar Rooms / Teaching Aids: Upgradation of Research Laboratory, Two class rooms with all teaching aids.

Textile Engineering

(A) New Equipment

Web cam, Speakers, 128MB SD RAM-2 no., HP Laser jet printer-LJ 1200, Microphone, Collar microphone, Windows 98 SE-OS, Intel QX3 Microscope, Under pick non-auto loom (AICTE-R&D project), Warp creel, Digital Tachometer-contact type & non-contact type, Braiding machine, Refractometer, Viscometer, 4 position hollow spindle unit

(B) New Laboratories / Seminar Rooms / Teaching Aids

OHP-Ramco make-2 no. One new classroom

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WREMI

(A) New Equipment: Micro Irrigation Systems.

(B) New Laboratories / Seminar Rooms / Teaching Aids: LCD Projector

XIV DISTINGUISHED VISITORS AT DEPARTMENTS / FACULTY

Sr. No	Name with Full Address	Designation	Date(s) of Visit	Purpose
1	Chemical Engineering Dr. Kumar A.	Visiting professor	28 Lectures from 12-8-02 to 14-2-03	Lectures on Fertilizer Technology
2	Metallurgical Engineering Dr. Singh R.K.P., Met. Engg. Dept., Visvesvaraya National Inst. of Tech., South Ambasari Road, Nagpur-440 011.	Professor & Head,	16 th Nov. 2002	Academic exchange
	Dr. Prakash Narayan, Regional Research Laboratory, Bhopal.	Senior Scientist	16 th Nov. 2002	Academic exchange
	Mr. Ray Amitava, Research & Development & Centre for Iron & Steel, Steel Authority of India Ltd.,(SAIL), P.O. Daranda,Ranchi-834 002.Jharkhand.	Dy. General Manager & I/c. Physical Metallurgy Group,	16 th Nov. 2002	Academic exchange
3	Pharmacy Mr. Kannai Bhavin Registered Pharmacist,USA	Registered Pharmacist	10-8-02	Talk on 'Career Counseling and opportunities for Pharmacists in USA'
4	WREMI Patel V B Multimantech Int. Pvt Ltd Multi House B/h La Gajjar Bunglow Ambawadi, Ahmedabad 380 006	President	14 th Oct. 2002	To deliver Prof O H Patel Memorial Lecture

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*** XV ACADEMIC PROGRAMMES ORGANISED BY DEPARTMENT / FACULTY**

Sr. No	Name of the Programme	Department	State / National / International	Funding Agency
1	Applied Chemistry 3 rd All Gujarat Research Scholar's Meet, 23 rd Feb.2003.	Applied Chemistry	State	Indian Chemical Society, Baroda Chapter
2	Metallurgical Engineering 40 th National Metallurgists Day (NMD) Celebration, 56 th Annual Technical Meeting of IIM and Symposium on Metals & Alloys in Chemical Industries was organized together with M.S. University of Baroda and I.I.M., Baroda Chapter from 14 th to 17 th November 2002	Metallurgical Engineering Department	National	Indian Institute of Metals
3	Pharmacy National Seminar on New Drug Delivery System	Pharmacy	National	AICTE
4	Textile Engineering A Half Day Seminar on management in industry on 24 th July 2002	With Textile Association (Baroda unit)	State	Textile Association

XVI OTHER PROGRAMMES OF ACADEMIC SIGNIFICANCE AT DEPARTMENT / FACULTY

Architecture

Upgradation of computer Lab
Starting design consultancy cell under which design of BCA building undertaken.

Pharmacy

1. MPA organized lectures on : "Good Laboratory Practices" by Mr. Nilesh Thakkar, Manager, Aventis Pharmaceuticals and Mr. K.H.Shah, Vice President, Elysium Pharmaceuticals Ltd., on 9-10-02.
2. MPA co-organised 2-day training programme on "Packaging of Pharmaceutical Products" on 7-8 Jan. 2003 along with small industries service Institute, Ministry of Small Scale Industries (GOI), and IDMA (Gujarat State Board)

11. Faculty of Technology & Engineering

XVII . PROGRAMMES FOR COMMUNITY OUTREACH AT DEPARTMENT / FACULTY

Metallurgical Engineering

1. The Department participated in an exhibition held during NMD & ATM celebration of IIM at Baroda (14th to 16th November 2002).
2. A Departmental Profile was published in November 2002 and distributed to all participants, delegates & local industrialists at NMD2003.

In non-academic front the important events worth mentioning are:

1. Installation of a new water cooler received through donation.
2. Contribution received by the Society of Metallurgical Engineering Students (SMES) in the form of books, software, journals and cash from US alumni as well as alumni from Baroda worth about Rs. 4.00 lakhs.
3. Kind gesture extended by a Departmental staff member by way of painting of walls of Thin Film Laboratory.
4. Voluntary contribution of Rs. 1111/- received by SMES from the library-in-charge of SMES & the Laboratory Attender.
5. Organisation of farewell to 4th Year Metallurgy students & welcome to 1st Year Metallurgy students by the SMES & release of Annual Technical Magazine "Metallica-2003".
6. Organising a programme – "Meet the Chairmen" of the local professional bodies organized by the SMES for the first time.
7. Revival of staff meetings for reviewing and assessing the Departmental affairs periodically.
8. Procedure has started for the removal of obsolescent equipment

Pharmacy

1. Staff members and students actively participated in programmes of National Pharmacy week 2002 like
 - Panel discussion with chemists and druggists Association (17-11-02)
 - Panel discussion with physicians and citizens (18-11-02)
 - Patient counseling by Pharmacists while dispensing drugs in medical stores (19-11-02)
2. MPA organized First Aid Training, programme between 7 to 15 Mar.03 Dr. Arun Oza, an expert trainer provided training to 23 participants.

11. Faculty of Technology & Engineering

*** XVIII ACHIEVEMENTS / HONOURS / AWARDS**

(A) Teaching Staff

Name	State / National / International	Nature of Achievement
Applied Mathematics		
George R.K	International	Invited to work on Research problems in Industrial Mathematics By Delaware University, USA
Chemical Engineering		
Prof. Subrahmanyam N.	National	ISTE-IPCL award for the best M.Tech thesis in India for 2002
Civil Engineering		
Patel, A. S.	National	Hari Ohm Ashram Perit Bhaikaka Inter University Smark Trust prize for the year 2001 – 2002, Best Research paper
Metallurgical Engineering		
Prof. Gadgeel V.L.	National	Elected as Chairman of Vadodara Local Centre of Institute of Engineers (I) and was appointed Chairman of the Board of Metallurgical and Materials Science Division, Kolkata head office
Prof. Agrawal S.K.	National	1.Appointed as member of High Nitrogen Steels Working Group established in Feb. 2002 2.A member of the International organizing
Prof. Pai K.B.	National	Re-elected as Chairman of IIM, Baroda Chapter
Dr. Dutta S.K.	National	Reporter for Metal News of IIM from Baroda
Dr. Joshi P.B.	National	1 st Prize for oral presentation of paper 'Silver Cadmium Oxide Electrical Contact Materials Produced by Inorganic Precursor Route' at the 56 th ATM of IIM during 14 th –17 th Nov. 2002
Dr. Chourasia N.C.	State	Awarded IIM – K.K. Medal for excellence in Research & Services to Metallurgical Education by IIM, Baroda Chapter
Pharmacy		
Prof. Murthy R.S.R.	Indian Pharmaceutical Association (IPA) Fellowship Award	National Honor from Indian Premier professional body of Pharmacy
Prof. Balaraman R.	National	Member of Academy of Medical Sciences – MAMS
WREMI		
Prof Parthsarthy G S	National	Hariom Ashram Prerit Bhaikaka Inter University Prize for Best Paper Published in Civil Engg in 2002 By S P University, Vallabh Vidyanagar in Jan 2003

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(C) Students

Name	State / National / International	Nature of Achievement
Applied Chemistry		
Patel H.K.	National	Best presentation(39 th Annual Convention of Chemists, Dec.02, Best Presentation, (TAGRSM-03)
Maheria K.C.	State	
Shown Indrajit	State	Award of Res.Fellowship from MSU
Patel H.K.	State	Best Presentation (TAGRSM-03)
Applied Mathematics		
Nair Asha	ICTP – ITALY	For doing M.Sc. in Mathematical Modelling
Chauhan S. B.	University of Essex, London	For doing M.Phil in Computing
Architecture		
B Arch I, 3 Students B Arch II, 13 Students B Arch III, 10 Students	National	6 'On the spot' competition prizes awards
Pharmacy		
Mrs Bafna Pallavi A. Research student	Pharmacy (Pharmacology)	State level: Won the Gufic Prize for the best Research Paper entitled," Effect of Moringa Oleifera on the Lipd Profile of Normal and Hypercholesterolemic Rabbits at the 34 th Indian Pharmacological Conference at Nagpur during 10-12 Jan. 2002.
Ms. Adhkary Anuradha M.Pharm.student	Pharmacy (Pharmaceutics)	National Elocution Competition-2001 organised by IPA during 53 rd IPC at Delhi on 20/12/2001 Topic: Pharmacists in Healthcare –Councelling for women's welfare
Mr. Bakshi Nishant (B.Pharm.IV student)	Pharmacy Department	State level: Won the state level Pharma quiz Competition held at R.D. Gardi College of Diploma Pharmacy, Lakhatar. Surendranagar on 25/01/2002.

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XVIII ACTIVITIES AND ACHIEVEMENTS

(A) Students

Sr. No	Class & No. of students	Department	State / National / International	Funding Agency
1	Chemical Engineering Nair Shibu G	B.E.-II	First prize in poster presentation at 'Chemquest 2003' GCET-V.V Nagar	-
	Gohil Chetan V	B.E.-II	First prize in paper presentation 'Chemquest 2003' GCET, V V Nagar	-
	Sathe Mayur J.	B.E.-II	1) First prize in paper presentation at 'Techfest', Sant Longowal Institute of Tech., Punjab. 2) First prize in 'Chemisoft' at 'Techfest 2003' IIT Bombay.	-
	Kasundra Rupesh B.	B.E.-II	First prize in paper presentation at TECHFEST, Sant Longowal Institute of Tech., Punjab	-
	P.Adityakumar	B.E.-II	First prize in paper presentation in 'CHEMZOLE-2003' 4 TH International level Symposium at Nirma Institute of Technology, A'bad.	-
	Karbhari Shrenik M	B.E.II	First prize in paper presentation in 'CHEMZOLE-2003' 4 TH International level symposium at Nirma Institute of Technology. A'bad.	-
	Tandel Dinesh K	B.E.IV	First in "Chembition" Model software resentation, 2003 at the state level at GCET - V V Nagar.	-
	Gurjar Alpesh A	B.E.IV	First prize in paper presentation 'COLLISION 2002' at DDIT, Nadiad	-

11. Faculty of Technology & Engineering

XIX IMPORTANT EVENTS / ACTIVITIES OF DEPARTMENTS

Name	Designation	Area of Interest / Research
Applied Chemistry		
3 rd All Gujarat Res.Scholar's Meet 23rd Feb.2003.	Not Applicable	Organic,Inorganic,Physical and Analytical
Applied Mechanics & Str. Engg		
1. The department has been catering the needs of Private Sectors, Government Organizations and Industries situated in and around Baroda by providing them material testing facilities and consultancy services.	Not Applicable	Not Applicable
2. Started Design Cell.		
3. Committee formed to assess the structural stability of the university buildings.		
4. Formed a Technical Advisory Committee for the Faculty of Arts maintenance and Development Fund.		
Metallurgical Engineering		
40 th National Metallurgists Day (NMD) Celebration, 56 th Annual Technical Meeting of IIM and Symposium on Metals & Alloys in Chemical Industries was organized together with M.S. University of Baroda and I.I.M., Baroda Chapter from 14 th to 17 th November 2002	Not Applicable	Not Applicable
Pharmacy		
1. University Grants Commission has sanctioned Departmental Research Support to the Department of Pharmacy. The tenure of the present phase of DRS programme is 5 years from 1-4-2002 to 31-3-2007 with following thrust areas. UGC has sanctioned non recurring grant of Rs.43, 00,000/- Pharmaceutical Technology, Herbal Technology, Pharmacology and Toxicology, Synthetic Drug Molecular Design Quality Assurance and the objectives set forth for the current phase as: Drug Designing by molecular modeling, development of Validation. Methods for bulk drugs, drug delivery system, Pharmaceutical screening and herbal technology in relation to industrial applications are to be exploited.	Mishra S H	Co-ordinator
2. The Department of Science & Technology, Government of India, Ministry of Human Resources Development, has sanctioned a programme under mission REACH in the banner of Technology, Information, Forecasting & Assessment Council as Centre of Relevance and Excellence (CORE) in New Drug Delivery System (NDDS) to the Pharmacy Department. The programme is of 3 years duration with industrial partnership to be conducted in a separate building dedicated for the purpose situated at Donors Plaza of M.S.University.The financial magnitude of the project is 2.25 crores, which partly would be shared by the ministry.	Murthy R S R	Co-ordinator

12. Faculty of Law

II PUBLISHED ARTICLES / PAPERS IN JOURNAL

Sr. No.	Author (s)	Title	Name of Journal, Volume, Number/ Part, Page Number and Date & years
1.	Syed, M.	Cyber Property Right Violation: Trade Mark Domain Name Inter Face Making Indian Patent Law Trips Compliant: A Herculian Task	The Information Technology Law Journal. Dec. 2002, Vol.2, No.2
		Protection of Human Rights under European Commission - Need for European Model in Sourth Asia under SAARC	Central India Law Quarterly Dec. 2002 Vol.XV Part IV All India Reporter May 2002
		Dearth in AIDS Legislation in India vis-a-vis Judicial Activism	Gujarat Law Herald April 2002 (1)

IV TALK OF ACADEMIC NATURE IN PROFESSIONAL PROGRAMMES

Sr. No.	Author(s)	Nature of Professional programme	Title	Participated as
1.	Punekar S.	Lecture organised by Institute of Company Secretaries of India, Baroda Chapter	Law of Succession	Main Speaker
		Lecture before officers of Railway Services Railway Staff College, Baroda	Neligence & Railway Act & Law of Succession	Main Speaker
2.	Dr. Syed M.	National Seminar held on 24/25 March 2003 at Faculty of Social Work, M.S.U., Baroda	Development of Schedule Castes/Schedule Tribes: Issues and Challenges	Resource person

IX MEMBERS OF THE FACULTY

Sr.	Names (s)	Designation	Area of Interest/Research
1	Punekar S.D.	Professor	Personal Law
2.	Syed M.	Reader	International Law
3.	Solanki G.A.	Lecturer	Cyber Law

XVI. OTHER PROGRAMMES OF ACADEMIC SIGNIFICANCE AT DEPTT./FACULTY

Two Seminars were arranged in the Department to strengthen the academic interest of Teachers and students.

13. Faculty of Fine Arts

I (A) PUBLISHED BOOKS(B) MONOGRAPHS (C) EDITED VOLUMES*(D) OTHERS

Sr. No.	Author(s)	Title	Name of Publisher, Date and Year of Publication and Total Pages
Department of Art History & Aesthetics			
1.	Panikkar S.K. Dave Mukharji P. and Achar D.	"Towards a new Art History Studies in Indian Art."	D.K. Print World Pvt. Ltd., New Delhi, Feb. 2003, p.p. 479 and 120 illustrations.
Department of Museology			
1.	Shah, N.R.	Studies in Museology	Dr. Shah N.R. Dept. of Museology Vol. 35, 2002 pp. 64

II. PUBLISHED ARTICLES/PAPERS IN JOURNAL(S)/EDITED VOLUMES :

Sr. No.	Author(s)	Title	Name of the Journal, Volume Number, Page Numbers, Month and Year
Department of Art History & Aesthetics			
1.	Panikkar S.K.	"Reading the Regional Thought internationalism and Nativism. The Case of Art in Madras, 1950-70."	In "Towards a New Art History : Studies in Indian Art: Ed. : Panikkar S.K. and D. Mukharji Paral et. all. Feb. 2003, pp. 105-122
		"Indian Art " From Buddhist to Post Colonial". By P. Mitter Book Review.	Lalit Kala Contemporary Vol. 46, June 2002
		"Icons of Inexorable Recitals" Exhibition catalogue of Navjot Altaf.	Talwar Gallery New York, Feb.-April 2003
2.	Dave M.P.	Premisiek Primerjalni Methodi. Reprezentacije delitve na vzhod in zahod v vazisko vanju indijskeesthetike. (Trans. Fro Representation of East West Divide in the study of Indian Aesthetics. Ed. by Lev Kreft.	BOREC 598-602, Pages 145-155, 2002 (in Slovenian) A Journal of cultural anthropology
3.	Shete V.D.	Looking through – "Some icons and Paintings"	Panchal Shodhasamsthan, New Series, No. 1, Kanpur. Pages 246-251. Dec. 2002.
Department of Museology			
1.	Jain S.	Moti and Kanchan Malde : Collectors of Makonde Art	Studies in Musicology, Vol. 35, pp. 15-19, M.S. University of Baroda, 2002
2.	Rayaprolu, V.R.	A study on a museum environment and conversation practices in Canadian Museums – My Experiences.	Studies in Musicology, Vol. 35, M. S. University of Baroda, 2002

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III PAPERS PRESENTED AT PROFESSIONAL LEVEL SEMINARS/CONFERENCES, ETC

Sr. No.	Author (s)	Theme, Organizer's Name, Place and Date of Seminar/Conference etc.	Title of Paper	Published/ Unpublished
1.	Dave M.P.	"Hegemony in Art and Culture" organized by the Solvenian Society of Aesthetics, Ljubljana, Slovenia, Nov. 7-9, 2002	Visual Politics and the Binary Logic of Art History : From Maillord's "Misunderstandings" to Bryson's Gaze and the Glance."	Unpublished
2.	Pannikar S.K.	National Conference "Theorizing India's Pre Modern Visual Culture : Issues of Caste, Class, Gender and Sexualities" Dept. of Art History M.S.U. Feb. 13-15, 2003	Introductory note	Unpublished
		Felicitaton function of Prof. R. Parimoo Sanskriti Sthal, Baroda. 13th Feb. 2003	"Prof. Ratan Parimoo : A Journey in Art History"	Unpublished
3.	Shete V.D.	National Conference "Theorizing India's Pre Modern Visual Culture : Issues of Caste, Class, Gender and Sexualities" Dept. of Art History M.S.U. Feb. 13-15, 2003	The expressive theory of Chaturvarny in art" outlining the texts.	Unpublished
Department of Museology				
1.	Jain S.	Training of Museum Personnel International Conference organized by ICOM-ICTOP at the National Museum Institute of History of Art, Conservation and Museology. 25-29 Nov. 2002	What we don't teach at Museology Department	Unpublished
		State Level seminar on the theme inter-museum cooperation, organized by the museum's association of Gujarat, Surat Museum, Surat, Sept. 18, 2002	Intra-museum co-operation : a pre requisite for inter-museum co-operation	Unpublished
2.	Shah N.R.	State Level seminar on the theme inter-museum cooperation, organized by the museum's association of Gujarat, Surat Museum, Surat, Sept. 18, 2002	Inter institutional co-operation.	Unpublished
3.	Rayaprolu V.R.	Museums Design, INC-ICON, Work Shop March 5-7, 2003, Gauwahati	Museums Design	Unpublished

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IV TALKS OF ACADEMIC NATURE GIVEN IN PROFESSIONAL PROGRAMMES (TO BE PRECISE):

Sr. No.	Name(s)	Nature of Professional Programmes*	Title	Participated as**
Department of Art History & Aesthetics				
1.	Dave M.P.	UGC Visiting Fellow March 21 2003	Looking awry : Renaissance Humanism and Women Artists	Resource Person
2.	Panikkar S.K.	7th Madanial Nagar Memorial Lecture Rashriya Kala Kendra. Lucknow.	"Art in Madras Since 1950-70 (A case of Regional Modern and an Interrogation into the Polemics of Internationalism and Nativism."	Invited Talk
Department of Museology				
1.	Jain S.	Refresher Course in Museology and Conservation conducted by the Allhabad Museum, Allahabad.	i. Commercial aspects of museum. ii. Museum out reach programme.	Invited for Lectures
		H.A. Museology, National Museum Institute of History of Art, Conservation and Museology.	Museum Education.	Invited for Lectures
2.	Shah N.R.	Refresher Course in Museology and Conservation conducted by the Allhabad Museum, Allahabad	Five Lectures. 1. Classification of Museum Materials 2. Causes of deterioration in Museum objects. 3. Conservation of Paper Materials. 4. Conservation of Miniature Paintings. 5. Preservation of Monuments.	Invited for Lectures
		Two days workshop on "Preservation of Biological Specimens for science teachers.	Preservation of biological specimens. (two lectures)	Visiting Faculty.
Department of Paining				
1.	Rathwakoli N.A.	Art Teacher Seminar Baroda.	Talk on Art. March 2003,	Expert.

V CONTRIBUTION IN CONDUCTING PROFESSIONAL PROGRAMMES / ASSISTANCE EXTENDED IN ADMINISTRATIVE/ACADEMIC PROGRAMMES :

Sr. No.	Name(s)	Programme(s), Place and Date(s)*	Participated as**
Department of Art History & Aesthetics			
1.	Dave-Mukherji, P.	Conducted a workshop on "Visual Culture and the Politics of Orientalism." March 24, 2003	Co-ordinator
Department of Graphics			
1.	Dhumal, P.D.	Artist workshop with 15 Indian Artists : Egypt; Cairo, Abu Simble, Luxor and other sites in Egypt March 18-26, 2003	Co-ordinator

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2. Bagodi, N.G. "Khoj" an international workshop for artist and seminar Mysore and Banglore. Oct. 19-Nov. 1, 2002 Participant
 Outreach programme with theatre group Rangayana Participant
Department of Museology
 1. Rayuprolu V.R. Compilation of Xth Five Year plan for Faculty of Fine Arts, M.S. University, 2002 Participant
 Compilation of Annual Report 2001-02 M.S. University of Baroda. Participant

VI PARTICIPATION IN ACADEMIC BODIES OF UNIVERSITIES, OTHER THAN M.S.U.

Sr. No.	Name(s)	Academic body of Universities/Institution and place	Participated as*
Department of Museology			
1.	Shah N.R.	Shri Girdharbhai Sangrahalay, Amerli.	Member of the Advisory Committee
Department of Art History			
1.	Shete V.D.	Jawaharlal Nehru Technology University, Hydrebad - International conference on watershed and Hydraulics' Dec. 18-21, 2002 Hyderabad.	Observer
Department of Applied Arts			
1.	Deshpande M.S.	National XXIII Annual Academic Conference - AIFUCTO'S to need to Protect And Strengthen Public Funded Education System" 25-27 Oct., 2002 Kala Academy, Panaji Goa University, Panaji.	Participant

VII PERFORMANCE BY INDIVIDUAL/GROUP

Sr. No.	Name(s)	Place and Date(s)	Nature of Performance*
Department of Graphics			
1.	Dhumal, P.D.	Art Exhibition voices against violence, Baroda	Print Exhibited
2.	Bagodi, N.G.	Art Exhibition voices against violence, Baroda Participated in National Exhibition of Art, Ahmedabad and Delhi Interacted on art with 'Rangayan' students along with other of artist., Mysore.	Print Exhibited Print Exhibited Slid show and discussion
3.	Jayakumar, G.	Graphic workshop organized by Rastria Kala Kendra Lucknow with collaboration with WEST ZONE CULTURAL CENTRE - UDAIPUR, Bagore ki Haveli, West Zone cultural centre UDAIPUR. ARTIST CAMP organized by Art Trust, Mumbai, at Shikarwadi, UDAIPUR International Print Biennale work shop at Roopankar Museum; in collaboration with National Lalitkala Academy at Bharat Bhavan, Bhopal	As An convenor and Artist As an Artist (Participant) As an Artist (Participant)

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	Solo Exhibition – Gallery Sumukha, Bangalore	Solo show
	Selected Group Shows :	Art works
	1. Kala goda Festival (Saffronart.com), & Art Trust Mumbai	
	2. Harmony show, Art Trust, Mumbai.	
	3. Sahmat, New Delhi	
	4. Voices against Violence, Fine Arts Faculty Baroda.	
	5. Banyan City, Nazar Art Gallery Baroda.	
4.	Darji S.A.	
	Group Exhibition of Prints at Art Junction Art Gallery (Graphic Print), New Delhi Apr-Mar. 2002	Participant
	Participation, in Aifacs- Gujarat Platinum Jubilee Exhibition of Art (Graphic Print), Ahmedabad Dec. 2002	Participant
	State Exhibition of Art, (Graphic Prin), Ahmedabad March 2002	Participant
	Aifacs Platinum Jubilee Exhibition of Art (Graphic Art), New Delhi, March 2003	Participant
	Voices against violence, Baroda 2002	Participant
Department of Painting		
1.	Dhumal, R.P.	
	One person show of paintings and prints "Ancestral tapestry", Tao art Gallery, Mumbai, Dec., 2002	Solo show
	One person show of paintings "Recent works - Nayika", Habitat gallery, New Delhi 17-20, Jan. 2003	Solo show
	Group show, "Shantipath", Tao art gallery 2002-03.	Participant
2.	Akkitham V.	
	The Banyan city – Nazar art gallery – Vadodara 26 April to 11 May, 02	Participating artist in group exhibition
	Voices against violence – Faculty of Fine Arts Gallery, Vadodara. 2-6 Oct. 02	Organiser & Participating artist
3.	Roy I.	
	The Harmony show, Nehru center, Mumbai, 6-14 April, 02	Participant
	The Banyan city – Nazar art gallery - Vadodara 26 April to 11 May, 02	Participating artist in group exhibition
	Voices against violence - Faculty of Fine Arts Gallery, Vadodara 2-6 Oct. 02	Organiser & Participating artist in group exhibition
	RPG exhibition of Self Portraits, Birla Academy of art and culture, Kolkata, 29 Oct. to 3 Nov. 02.	Participating artist
	Artists camp at shikarbadi, Udaipur, Organised by the art trust (Mumbai) 8-14 Dec. '02.	Exhibited five minutes digital film (Animation) Title : INTROSPECTION
	Group show, Hyatt regency/gallery Damayanti, New Delhi, 2-10 Feb. 03	Participant
4.	Suresh, B.V.	
	New Media exhibition Apeejee Gallery, New Delhi, 22 Nov. 2002	Participant

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|----|---|-------------|
| | "Voices against violence". Oct. 2, 2002, Fine Arts Exhibition Hall, Baroda | Participant |
| 5. | Rathwakoli N.A. Humanity photo award 2002 by "UNESCO" united National Year for cultural Heritage, Beijing 25-27 Oct., 2002. | Participant |
| | Exposition of talented Tribal painter sculptor, New Delhi, 3 to 5 Aug. 2002 | Participant |
| | The Exhibition "Voices against Violence", Baroda Oct, 2002 | Participant |
| | 6th National Photography Competition "Water and Life", Ahmedabad 28 Feb. 2003 | Participant |
| | Workshop National Art Festival, Ujjain. 6-8 Dec. 2002 | |
| | 1st All India Art Exhibition of 21st century, Ahmedabad 2002 | |

Students (M.A.)

- | | | |
|----|--|--|
| 1. | Sukhdev Rathod 'Samhita' Workshop, college of Art, New Delhi & Prabhat Mishra | Participants in All India level event. |
| 2. | Nilanjana Nandy International Workshop, Pont Aven School of Art, Brittany, France & Purvi Shah | Awarded Scholarship |
| 3. | Tamal Bhattacharya Nasreen Mohammadi Scholarship Niharika Patel | Faculty Award |
| 4. | Rajesh Acharya National Award, Lalit Kala Akademi, New Delhi | National Award |
| 5. | Medha Sharma National Scholarship Ministry of HRD, Govt. of India | National Scholarship |
| 6. | Mammadhe Rao Telegu University scholarship Andhrapradesh | State Scholarship |

Students (B.A.)

- | | | |
|----|---|----------------------|
| 1. | Rashmi Trivedi, Naseen Mohammadi Scholarship Prantik Chattopadhyay & Puja Vaish | Faculty Award |
| 2. | Lochan Upadhyay Rajasthan Lalit Kala Akademi Award | State Award |
| 3. | Ashutosh Bharadwaj National Scholarship Ministry of HRD of India | National Scholarship |

VIII 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 Graphics			
1.	Bagodi, N.G.	Honorable mentioned an award, awarded in an International exhibition for prints – Bharat Bhavan Bhopal, India, "Honorable	Took part in show. Mentioned Award"
2.	Darji Sunil A.	Graphic Art – Aifacs – Gujarat Platinum Jubilee Art exhibition award, Ahmedbad. "Yagneshwar shukla Award" at State Lalit Kala Academy art exhibition, at Ahmedabad	Took part in show Took part in show

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Department of Painting

Roy Indrapramit	Gita wolf and Shirish Rao (authors) Indrapramit Roy (Illustrator) Independent critics Award – New York, for Outstanding Book of the Year, 2002.	Illustration Design for "Antigone—A retelling" Published by J. Paul Getty Museums, Los Angels, USA.
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Department of Museology

1. Shah N.R.	Fellowship under Faculty Research Programme (for 35 days)	Visit Museums & Study on Museum Environment and con- servation Practices in Canadian Museums.
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IX MEMBERS OF FACULTIES

Department of Painting

1. Mrs. Dhumal Rini	Professor	M.A. Classes Jr & Sr. Theory classes Jr. & Sr.
2. A. Vasudevan	Reader	MA & III yr. Spe. Classes Theory classes
3. Rathwakoli Nandu	Lecturer	Painting (Drawing and composition)
4. Suresh B.V.	Lecturer	Foundation classes of painting
5. Rabadia Jayanti	Lecturer	Mural MA & Post Dip., BA
6. Nair Sashidharan	Lecturer	Foundation classes of Drawing
7. Roy Indrapramit	Lecturer	II Yr. Spe. Painting & Drawing, Theory
8. Suthar Arvind	Lecturer	1 st Yr. Spe. Painting & drawing.

Department of Museology

1. Dr. Shah N. R.		Conservation
2. Dr. Jain Sunjay	Professor	Museum Marketing
3. Dr. Ramana R. V.	Lecturer	Museum Management

Department of Art History & Aesthetics

1. Dr. Panikkar Shivaji K	Professor	Indian Painting, Western Art and Modern Indian Art
2. Dr. Kannal Deepak	Professor	Indian Sculpture, Architecture and Aesthetics
3. HDr. Mukherjee Parul Dave	Reader	Modern Art and Methodology
4. Dr. Shete Vaijayanti D	Lecturer	Indian Textual Sources, Aesthetics and Sanskrit
5. Dr. Kushwaha Shailendrasingh	Lecturer	Indian Painting, Art of the Far East and Near East

XIX. IMPORTANT EVENTS / ACTIVITIES OF DEPARTMENT*

Description of the Event	Date, Time and Place	Photographs attached (if any) with their description.
Department of Painting		
Enameling workshop	Mural Sec. Department of Painting	Photo attached.

13. Faculty of Fine Arts

Department of Applied Arts

Social awareness campaign – 5 to 8 March 03. Faculty
 "NONSENSE- the sense of Fine Arts exhibition
 within hall from 10 a.m. to 7 p.m.

Department of Museology

Celebrated Golden Jubilee 2002-03
 of the Dept.

Meeting of Museology 31-7-03
 Alumni. Announced
 Gold Medal by Dr. S.
 K. Bhowmik in
 conservation.

1. Workshop on 3 to 4 Jan. 2003
 'Museum Technique – A
 Practical Approach' was
 organized for the school
 teachers of Amreli. 15
 teachers have participated.

2. Inauguration of reorga-
 nized museum of the
 department.

3. Exhibition on 'Uncir- 3-1-03 to 7-1-03
 culated coins of India'
 (Timir Shah & Mihir
 Shah Collection)

Photo exhibition on 26 to 31 Jan. 03
 'Architectural Heritage
 and its conservation
 was organized jointly
 by dept. of museology
 and ASI, Barod.

XV. ACADEMIC PROGRAMMES ORGANISED

Name of Programme	Department	State/National / International	Funding Agency
Department of Art History & Aesthetics			
Seminar "Theorizing India's Pre-Modern Visual Culture: Issues of Class, Caste, Gender and Sexualities".	Art History & Aesthetics	National	Self Finance

13. Faculty of Fine Arts

VII. DISTINGUISHED VISITORS

Sr. No.	Name with Full address	Designation	Date(s) of Visit	Purpose
Department of Painting				
1.	Sri Late Bhupen Khakhar, Baroda	Eminent Artist	25 th Feb. 2003.5 days	Workshop.
Department of Museology				
1.	Dr. Jamkhedkar	Retired Director Dept. of Museums, Maharashtra.	11-02-03	Addressed the students of Museology.
Department of Art History & Aesthetics				
1.	Dr. Gary Tartakov	Art Historian	2/12/2002	Lecture
2.	Dr. Elina Gadon	Art Historian	24/1/2003	Lecture
3.	Dr Alka Patel	Art Historian	8/2/2003	Lecture
4.	Shri. Narendra Pachhkade	Cinematographer	18/1/2003	Video Film
5.	Deeptha Aachar	Lecturer	12/2/2003	Lecture
6.	Prof. Latika Katt	Sculptor	15/2/2003	Advisory Committee meeting

XVI. OTHERS PROGRAMMES OF ACADEMIC SIGNIFICANCE AT DEPT. / FACULTY

Department of Painting

Study tour of students/staff of the dept. to Ajanta/Ellora.

Department of Applied Arts

GEB school sponsored poster competition in the month of 2003 Feb. on SAVE ELECTRICITY.

Department of Art History & Aesthetics

Department organized a Slide Show Presentation and Discussion with of significant artist of India on Saturday Meet the artist session.

1. Jyoti Bhatt
2. Jayakumar Reddy
3. Shruti Nelson
4. Nagji Patel
5. Arunansha Choudhary
6. Shashidharan Nair
7. Valson Kollerli.

XVII. FACULTY PROGRAMMES FOR COMMUNITY / EXTENSION WORK / SOCIALLY SIGNIFICANT

Department of Museology

A workshop on "Preservation of National History Specimens" was organized at Amreli for science teachers on 24 & 25th August 2002.

13. Faculty of Fine Arts

VIII. ACTIVITIES AND ACHIEVEMENTS

(A) Teaching Staff

Name	Department	State/National /International	Nature of Achievement
Arvind Suthar	Painting	Gujarat state art academy exhibition	Award
Vasudevan A.	Painting	International fullbright fellowship, New York.	Fulbright Fellowship.
Dr. Shah N. R.	Museology	Fellowship awarded to visit Canada.	To study museum environment & conservation practices in Canadian museums.
Dr. Ramana R. V.	Museology	Fellowship for Russia under cultural exchange programme.	To study museums in Russia.

VIII.B. HIGHLIGHTS OF THE DEPARTMENT/FACULTY

Department of Painting :

In the 55 yrs. Of its existence, the dept. of painting has gained a reputation of being a professional dept. of higher education over the years. The alumni of the dept. have made a definite mark in the field of visual art and remained in the forefront of the art scene of India. Our mission is to keep the dept. in the vanguard of the education in India by remaining open to new ideas and challenges and grounding students with the maximum possible exposure to the continuous development of the art world as well as developing the creative potentials of each individual.

Department of Applied Arts :

Department of Applied Arts has earned a name in National level as one of the best department imparting education in the Graphic Design with the latest technology. The students are very enthusiastic and staff is also of exceptional caliber. Not much achievement during the year came to the dept. but social awareness campaign exhibition got a wide publicity in creating awareness in different social issues.

Department of Museology :

The Dept. established in 1952. It is the pioneering institution offering Museum studies programme in Asia. Alumni from this department are national and international museum leaders of repute. It has produced so far about 225 museum professionals out of which many have served on distinguished positions in Indian Museums of repute. The department has celebrated its golden jubilee in the year 2002-03 this is the only department in museum profession, which produce professional journal studies in Museology.

Department of Art History :

- Founded in 1971 with introduction of PG programme in 1975
- Three Phases of **UGC-DSA programme**
- Foremost among the only 4 such departments from India's Universities
- Only Department in India offering Bachelors, Masters and fully developed Ph.D. programme
- Outstanding Faculty profile
- National and International scholars as Visiting Faculties
- Most diverse specialization options offered
- Very good placement track record. Around 80% placed in excellent positions in India as well as in various other countries including USA, UK, AUSTRALIA, JAPAN etc.
- Products of the Department are appointed as Art History teachers in most of the Art Institutes in India offering degree courses
- Number of students pursuing further education abroad in various reputed Institutes
- The only RCC (Refresher Course Center) listed by UGC

13. Faculty of Fine Arts

XI. COURSES INTRODUCED DURING THE ACADEMIC YEAR :

Department of Art History & Aesthetics

The Departmental Committee had brainstorming sessions on the possible revisions in the existing courses, which will be discussed in the Board of Studies and be implemented thereafter. The proposed changes include:

- a) Story of Modern Art is being introduced on the preparatory level as a new subject introducing the history and Philosophy of Modern Art to the freshly admitted students.
- b) Indian Architecture is introduced as the third specialization along with Indian Painting and Indian Sculpture on postgraduate level.

XII. CURRICULUM UPDATE

(A) Subjects offered

Department of Museology

Syllabus upgradation is done during the year and it was approved by the Board of Studies in Museology and it is still under consideration of the syndicate. After approval of the syndicate it will be implemented.

(B) Optional Papers Offered

Department of Art History & Aesthetics

M.A Art History

- Western Art: Greco-Roman Art
- Western Art: Christian Art (Byzantine and Medieval)
- Art Of European Renaissance and Baroque
- Prehistoric Tribal Folk ArtInfluences of Indian art in Central and south east Asia
- Art of Near eastern Cultures
- Islamic Art

Art of Ancient Latin American Cultures

XIII. Additional Facilities Created

(A) New Equipments

Department of Painting

Furnace for enamelling technique.

Department of Museology

Received one computer with printer in the department.

Department of Art History & Aesthetics

- A Digital Camera with both Still and Professional Digital/ Video with 3CCD Imaging.
- A computer with scanner and printer and CD/DVD Writer bought to aid the activities of the department.

(B) New Laboratories /Seminar Rooms / Teaching Aids

Department of Painting

The Dept. has been given added space of 500 sq. ft. area during 9th five yr. Plan.

This space is been used for added facilities like computer, video and seminars, lectures.

New books have been added to the existing library in the department.

14. Faculty of Home Science

I (A) PUBLISHED BOOKS(B) MONOGRAPHS (C) EDITED VOLUMES*(D) OTHERS

Sr. No.	Author(s)	Title	Name of Publisher, Date and Year of Publication and Total Pages
Department of Foods and Nutrition			
1	Gandhi, H and Iyer, U.	Homocystine In Health And Disease	Dept. of Foods & Nutrition, Faculty of Home Science, M.S. University, Baroda, January, 2003, Pages 50
2	Kanani S. and Sen, A.	Studies On Impact Of Daily And Weekly Iron Folic And Supplements On Hematinic Status And Growth Of Adolescent Girls In Vadodara	Dept. of Foods & Nutrition, Faculty of Home Science, M.S. University, Baroda, November, 2002, Pages 14
3	Samuels, R. and Mani, U.V.	Enzymatic Alterations In Various Diseases	Dept. of Foods & Nutrition, Faculty of Home Science, M.S. University, Baroda, December, 2002, Pages 70
4	Sheth, M., Tiwari, R. and Nandwana, V.	Project Report on Household and commercial mango pickle in oil – its shelf quality and safety	Dept. of Foods & Nutrition, Faculty of Home Science, M.S. University of Baroda, December, 2002, Pages 100
5	Shringarpure, B. and Mehta, P.	Functional Foods	Dept. of Foods & Nutrition, Faculty of Home Science, M.S. University of Baroda, January, 2003, Pages 47
Department of Home Science Extension and Communication			
1.	Joshi, U.G., Pahad, A. H. and Maniar, A.T.	Media Research – A Cross Sectional Analysis.	Author's Press , New Delhi , 2002, Pages 362.
Department of Human Development and Family Studies			
1	Chandiramani, R., Kapadia, S., Khanna, R. & Mishra, G.	Sexuality and Sexual Behavior: A Critical Review of Selected Studies (1990-2000)	CREA (Creating Resources for Empowerment in Action), 2002. Pages 27.
2	Jasrai, S.Y.	Safar Ghar Se School Tak	CD Rom, Dissemination by ECD-LRC, 2003
3	Mohite, P. and Shastri, J.	Tarang Mallika Bhasha–1 and 2	Mac Millan India, 2003. Pages 56 and 51 respectively.
		Tarang Mallika Ganit – 1and 2	Mac Millan India, 2003. Pages 51 and 47 respectively.
Women's Studies Research Centre			
1	Manjrekar, N.	Context and constraints of education and schooling, in Brown, B.B., Larson, R.W. and Saraswathi, T.S.S. (eds.) The World's Youth: Adolescence in Eight Regions of the Globe.	Cambridge University Press, 2002, Pages 4.

14. Faculty of Home Science

II Published Articles/Papers in Journal(s)/Edited Volumes :

Sr. No.	Author(s)	Title	Name of the Journal, Volume Number, Page Numbers, Month and Year
Department of Clothing and Textiles			
1	Chauhan, V.R. and Patel, A.	Designing and construction of western outfits using traditional techniques of gujarat	The AsianTextile Journal, Vol.11, No. 4 pp. 82-86, April 2002
2	Patel, B.S. and Gupta, C.	Designing and construction of garments inspired from the elements of life	The Textile Industry and Trade Journal, Vol . 41 No.1-2, pp. 31-36, January -February, 2003
Department of Foods and Nutrition			
1	Desai, S.A., Mani, U.V. and Iyer, U.M.	Serum lipids, apolipoproteins and total antioxidant activity of obese, diabetic and hypertensive subjects in an industrial set up in Baroda, Gujarat, India	International Journal of Diabetes in Developing Countries Vol. 22, pp. 91-99, 2002
2	Joshi, Y.K., Saxena, N. and Singh, N.	Nutritional support in liver diseases	In : Basics of Clinical Nutrition. Ed. Josh, Y .K. Jaypee Publishers, New Delhi, pp. 227-235, 2003
3	Kanani, S.	India's nutrition policy : A view through the gender	In : Towards comprehensive women's health program and policy. Society for health (SAHAJ) for WAM, supported by UNFPA, India, p. 300, 2002
4	Mani, U., Sadliwala, A., Iyer, U. and Parikh, P.	Spirulina supplementation improves haemoglobin levels	Natural Radiance Vol. 1, No.1, p. 37, 2002
5	Nambiar, V.S., Bhadalkar, K. and Daxini, M.	Drumstick leaves in ICDS-SFP	Indian Journal of Pediatrics Vol. 70, No.5, pp. 11-15, 2003
6	Nambiar, V.S.	Use of posters developed for sight and life drawing competition for increasing awareness on vitamin A in children	Sight and Life Newsletter, Initiative of Hoffmann La Roche Vol. 2, pp. 21-23, 2002
7	Nambiar, V.S. and Seshadri, S.	Vitamin A in children. Relationship between socio-demographic indicators, income	Indian Journal of Gerontology Vol. 16, No.3 & 4 , 2002
8	Parikh, P., Mani, U. and Iyer, U.	Abdominal adiposity and metabolic control in patients with Type 2 diabetes mellitus	International Journal of Diabetes in Developing Countries Vol. 22, pp. 28-34, 2002
9	Samuels, R., Mani, U.V., Iyer, U.M. and Nayak, U.S.	Hypocholesterolemic effect of spirulina in patients with hyperlipidemic nephritic syndrome	Journal of Medicinal Food Vol. 5, No. 2 , pp.91-96, 2002

14. Faculty of Home Science

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|----|--------------------------------|---|--|
| 10 | Saxena, N. | Vitamins | In : Basics of Clinical Nutrition. Ed. Josh, Y .K. Jaypee Publishers, New Delhi, pp. 51-57. 2003 |
| 11 | Seshadri, S. and Nambiar, V.S. | Kanjero (Oigera arvensis) and drumstick (Moringa oleifera) : nutrient profile and potential for human consumption | In : Plants in Human Health and Nutrition Policy. World Review of Nutrition & Dietetics. Karger, Basel, Vol. 91, pp. 41-59, 2003 |

Department of Home Management

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| 1. | Gandotra, V.S., Shukul, M. and Jaiswal, N. | Educating homemakers for Time Management in Talesara, H.(Ed.) Managing Educational Challenges - A global view | Authors Press, Global Network, New Delhi. pp.335-348, 2003 |
| 2. | Jaju, N. and George, R. | An experimental study of electric lighting in a simulated kitchen | Proceedings of International Conference on Lighting LUX PACIFICA-2002, New Delhi, pp. 298-302, |
| 3. | Jaiswal, N. and Gandotra, V.S. | Objective assessment of personality traits of women entrepreneurs | Proceedings of seminar on Emerging Technology and Women, Indore, pp. 197-200, 2003 |
| 4. | Jaiswal, N. and Ajwani, D. | Space management: An introspection for differently abled homemakers | Proceedings of seminar on Emerging Technology and Women, Indore, pp. 254-257, 2003 |
| 5. | Patel, S. and Shukul, M. | Value of education: A study of parents of children studying in Vadodara Corporation primary schools. | Authors Press, Global Net work, New Delhi, pp. 335-348, 2003 |

Department of Home Science Extension and Communication

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| 1. | Joshi, U. G. & Karandikar, K. G. | Effectiveness of a communication strategy on environmental pollution and effects on health for the low socio economic groups of females in selected communities of Baroda city | Media Researches : A Cross Sectional Analysis, pp. 273 - 294, Authors Press, year 2002. |
| 2. | Joshi, U.G. & Maniar, A.T. | Influence of television viewing on adolescents according to themselves and their mothers in relation to the selected variable | Media Researches : A Cross Sectional Analysis, pp.19 - 53, Authors Press, 2002. |
| 3. | Joshi, U.G. & Pahad, A. H. | Empowerment of women administrators in higher education | The Educational Review, Vol. 46, No. 4, pp. 63 - 66, April, 2003. |
| 4. | Maniar, A. T. | Influence of media education programmes on children and Adolescents | Dynamics of Media , IDB Book Distributor, New Delhi , pp. 74 - 83, 2002. |
| 5. | Maniar, A. T. & Talapatra, D. | Are students using Internet for educational purposes? | Experiments in Education, Vol. XXX, No. 7, pp130 - 135, July 2002. |
| 6. | Mathu, A. A. | Women studies centres - and the status of women
Status of women- Role of women studies centre | University News Vol. 40, pp. 5 - 7, December 9-15, 2002
Social Welfare, Vol. 49 No.12, pp. 8- 11 , March, 2003. |

14. Faculty of Home Science

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| 7. | Pahad, A. H. | What do females opine for distance education | CASE Publication, Faculty of Education and Psychology, M. S. U., Baroda, pp. 111 - 117, August , 2002 |
| 8. | Pahad, A. H. and Maniar, A.T. | Imparting human rights education : Formal and non Formal approaches

Integration information and communication technology in teacher education

Shifting focus of media research | Communication Today , pp. 50 - 55 , April - September , 2002

CASE Publication, Faculty of Education and Psychology, M. S. U., Baroda, pp. 149 - 158 , August , 2002

CASE Publication, Faculty of Education and Psychology, M. S. U., Baroda, pp. 50 - 53 , February, 2003. |
| 9. | Pandya, R. M. | A note of pedagogies - The power of questions

Role of educational technology in teaching

Widowhood : Its problems and coping up strategies

Role of Home Scientists in water management | Teachers of the World International Journal, Vol. 2, No. 2 pp. 6 - 11, April-June , 2002

The Educational Review Vol. 45, No. 7 pp. 121 - 124, July. 2002

Vikasini - The Journal of Women's Empowerment Vol. 17 , No.3 , pp. 11 - 19, July-September, 2002

Kurushetra, Vol. 50, No. 11, pp. 41 - 46, September 2002 |
| 10 | Pandya, R.M. & Mathu, A.A. | Understanding matrix of organizational climate | Ambedkar Journal of Social Development and Justice, Vol. X, pp. 59 - 70, December, 2002 |

Department of Human Development and Family Studies

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| 1 | Dave, P.B., Bhojak, K.R. and John, G. | Teenage reflections: Images and concerns on the elderly. | Research and Development Journal of Help Age India, Vol.8, No.3, pp 22-25, October 2002. |
| 2. | Mallya, I., Mehta, B. & Pant,P. | A select bibliography on " Family and child welfare: 1990-2000". | Social change, Vol 32, No.1 & 2, pp. 67-80, March – June 2002. |
| 3 | Medona, N.P., Larson, J.H., Dave, P.B. | Perceived attitude towards romanticism: A cross-cultural study of American, Asian & Hartagsee, N.Indian and Turkish young adults. | Journal of comparative family studies, spring Vol. XXXIII, No. 2,2002 |
| 4. | Mohite, P. & Shastri, J. | A comprehensive document on ECE (book review). | Perspectives in Education, Vol.18, No.2, pp. 123-124, 2002. |
| 5. | Wenger, G.C., Burholt, V., Shah, Z., Dave, P., Mallya, I., Sodhi, N.S. & Soneja, S. | Families and migration: Older people from South Asia. | Helpage India-Research and Development Journal, Vol.9, No.1, pp. 5-27, January 2003. |

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Women's Studies Research Centre

1. Manjrekar, N. Landscapes of a different kind, Review of Anthropological Explorations in Gender (by Leela Dube, Sage, 2001) Indian Journal of Gender Studies, Vol. 9, No. 2, pp. 285-290, December 2002

III. PAPERS PRESENTED AT INTERNATIONAL / NATIONAL / STATE LEVEL SEMINARS / CONFERENCE, ETC.

Sr. No.	Author (s)	Theme, Organizer's Name, Place and Date of Seminar/Conference etc.	Title of Paper	Published/ Unpublished
Department of Clothing and Textile				
1	Balakrishnaiah B.	Textiles, Textile Association (Baroda Unit) organized half day Seminar at Faculty of Home Science Auditorium on March 15, 2003	E- Marketing of textile & clothing	Unpublished
Department of Foods and Nutrition				
1	Kanani, S.	Nutrition goals for India – Vision 2020. IX Asian Congress of Nutrition. The Federation of Asian Nutrition Societies, Nutrition Society of India and Nutrition Foundation of India New Delhi, February 23-27, 2003	Nutrition and reproductive health : Issues and challenges of mainstreaming nutrition in the health system	Published Abstract, IX Asian Congress of Nutrition, p. 92, February 23-27, 2003
2	Kanani, S. & Mani, U.V.	Regional Meeting on Improvement of nutritional status of adolescents, World Health Organization, New Delhi, September 18-19, 2002	Nutritional status of adolescents in India – A cause for concern	Unpublished
3	Kanani, S.	Regional Meeting on Improvement of nutritional status of adolescents, World Health Organization, New Delhi, September 18-19, 2002	Mainstreaming adolescent nutrition concerns in health programs and systems in India	Unpublished
4	Mani, U.V., Iyer, U.M., Desai, S.A. & Deshmukh, S.M.	International Conference of Diabetes India, Mumbai, November 29 – December 2, 2002	Glycemic Index of foods in dietary management of Diabetes Mellitus	Unpublished
5	Mani, U.V., Deshmukh, S.M., Desai, S.A. & Iyer, U.M.	International Conference of Diabetes India, Mumbai, November 29 – December 2, 2002	Efficacy of nutrition health awareness Programme in diabetic patients	Unpublished
6	Mani, U.V., Parikh, P.M., Mani, I., Rai, V., Iyer, U. & Mahida, M.	Cell Biology and Molecular Medicine, Christian Medical College, Vellore, January 30-31, 2003	Metabolic disturbances in diabetes mellitus: A possible role in the development of vascular complications	Unpublished

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7	Mani, U.V., Labhe, R.U. & Iyer, U.M.	Cell Biology and Molecular Medicine, Christian Medical College, Vellore, January30-31, 2003	Environmental factors & metabolic alterations in bronchial asthma	Unpublished
8	Mani, U.V., Labhe, R.U. & Iyer, U.M.	Nutrition goals for India – Vision 2020. IX Asian Congress of Nutrition., The Federation of Asian Nutrition Societies, Nutrition Society of India and Nutrition Foundation of India New Delhi, February 23-27, 2003	Role of Spirulina in the managementof Bronchial Asthma	Published Abstract, IX Asian Congress of Nutrition, p. 281, February 23-27, 2003
9	Mani, U.V., Desai, S.A. and Iyer, U.M.	Nutrition goals for India – Vision 2020. IX Asian Congress of Nutrition. The Federation of Asian Nutrition Societies, Nutrition Society of India and Nutrition Foundation of India New Delhi, February 23-27, 2003	Serum lipids, lipoproteins and total antioxidant activity of subjects suffering from various chronic degenerative diseases in an industrial set up in Baroda.	Published Abstract, IX Asian Congress of Nutrition, p. 320, February 23-27, 2003
10	Mani, U.V., Deshmukh,S.M Desai, S.A. and Iyer, U.M.	Nutrition goals for India – Vision 2020 IX Asian Congress of Nutrition. The Federation of Asian Nutrition Societies, Nutrition Society of India and Nutrition Foundation of India New Delhi, February 23-27, 2003	Nutrition counseling and education program in the management of hypertension	Published Abstract, IX Asian Congress of Nutrition, p. 334, February 23-27, 2003
11	Mehan, M.	Review Meeting of Vitamin A Project funded by UNICEF with district officials UNICEF, Hyderabad, November 29 – December 3, 2002	Effective strategies for improving coverage and reducing prevalence of vitamin A deficiency to district nutrition / health officials of border district of Andhra Pradesh and Karnataka	Unpublished
12	Nambiar, V.S. & Kosambia, P.	21 st Meeting of IVACG, Maroakech, Morocco, March 21-23, 2003	Assessing community risk of vitamin A deficiency in two slums of urban Baroda	Published 21 st Meeting of IVACG, Maroakech, Morocco, p. 47, March 21-23, 2003
13	Sheth, M. and Kaur, J.	35 th Annual Conference of Indian Dietetic Association at Bangalore, November 14-15, 2002	Holistic approaches to diet therapy	Published Abstracts and Proceedings, 35 th Annual Conference of Indian Dietetic Association, p. 67, November 14- 15, 2002

14. Faculty of Home Science

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|----|-----------------------------|--|---|---|
| 14 | Sheth, M.
and Kaur, J. | Nutrition goals for India –
Vision 2020. IX Asian
Congress of Nutrition,
organized by the Federation of
Asian Nutrition Societies,
Nutrition Society of India and
Nutrition Foundation of India
New Delhi, February 23-27, 2003 | Effectiveness of weight
reducing clinic at Baroda,
India | Published
Abstracts, IX
Asian
Congress of
Nutrition, p.
321, February
23-27, 2003 |
| 15 | Sheth, M.
& Nandwana, V. | Nutrition goals for India –
Vision 2020. IX Asian
Congress of Nutrition,
organized by the Federation
of Asian Nutrition Societies,
Nutrition Society of India and
Nutrition Foundation of India
New Delhi, February 23-27, 2003 | Hazard analysis and
determination of CCP in production
of mango pickles in oil. | Published
Abstract,
IX Asian
Congress of
Nutrition, p.
171, February
23-27, 2003 |

Home Management Department

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|----|---|--|---|-------------|
| 1. | Ajwani, D.
& Mehta, M. | National Seminar on Urban Air
Pollution: Issues and Solutions,
Department of Botony, M. S.
University of Baroda,
Vadodara, March, 22, 2003 | Women and quality of life | Unpublished |
| 2. | Gandotra, V.S.,
Mehta, N. | 12 th International Congress of
ARAHE, Malaysia,
August 5-8, 2003 | Services provided by ours and
travel agencies- A study of
consumer satisfaction | Unpublished |
| 3. | Jaiswal, N.,
Shah, A. &
Gandotra, V.S | National Seminar on
Globalisation : A Challenge to
Educational Research,
UGC/DRS, Department of
Education and Administration,
Faculty of Education and
Psychology, M.S.U, Vadodara,
January 17-18, 2003 | Use of computer for non-formal
education - A programme
on wise buying | Unpublished |
| 4. | Jaju, N. | National Seminar on Urban Air
Pollution: Issues and Solutions,
Department of Botony, M S
University of Baroda,
Vadodara, March 22, 2003 | Eco-friendly lighting design
options for controlling
air pollution | Unpublished |
| | | International conference on
lighting LUX PACIFICA-2002,
Indian Society of Lighting
Engineers, New Delhi,
September 9-11, 2003 | An experimental study of
electric lighting in a simulated
kitchen | Published |
| 5. | Jaiswal, N.
& Gandotra,
V.S. | National Seminar on Emerging
Technology and Women
(From Hi-tech to rural),
Shri G.S. Institute of Technology
and Science, Indore,
October 25–26, 2002 | Objective assessment of personality
traits of women entrepreneurs | Published |

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6.	Mehta, M.	National Seminar on Social Crisis & Educational Research, CASE, February-March, 28-2, 2003	The usefulness of ER: An agenda for consideration and action	Unpublished
		National Seminar on Globalization: A challenge to educational research, UGC/DRS, Department of Education and Administration, Faculty of Education and Psychology, M.S.U, Vadodara, January 17-18, 2003	A new partnership of stake- holders and a national strategy for research in educational management	Unpublished
7.	Patel, S. & Shukul, M.	National Seminar on Emerging Technology and Women (From Hi-tech to rural) Shri G.S. Institute of Technology and Science, Indore, October, 25-26, 2002	Computer usage by selected female students	Published
		National Seminar on Globalization: A Challenge to Educational Research, UGC/DRS, Department of Education and Administration, Faculty of Education and Psychology, M.S.U, Vadodara, January, 17-18, 2003	Future trends in utilization of computer for education in the era of globalization	Unpublished

Department of Home Science Extension and Communication

1.	Joshi, U.G.	National Seminar On Changing Factors Of Media And Contemporary Society. Kurusherta University, Kuruksherta, October 19 - 20, 2002	Influence of advertisements on adolescents	Unpublished
2.	Karandikar, K.G.	National Seminar On Social Crises And Educational Research CASE , Faculty of Education And Psychology, M.S. U., Baroda February 27-28, 2003	Sustaining environment - A new area for educational research	Published
3.	Maniar, A. T.	National Seminar on Changing Factors of Media and Contemporary Society. Kurusherta University, Kuruksherta, October 19 - 20, 2002	Usage of Internet by female students of Faculties of Home Science and science, M.S.U., Baroda , 2001-2002	Unpublished
4.	Pahad, A. H.	National Seminar on Changing Factors of Media and Contemporary Society. Kurusherta University, Kuruksherta, October 19 - 20, 2002	Opinions of male and female Journalists towards their profession	Unpublished

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5.	Pahad ,A. H. & Maniar, A. T.	National Seminar on Policies and issues in Teacher Education CASE , Faculty of Education And Psychology, M. S. U., Baroda December 27-28, 2002	Integrating ICT in teacher education	Published
		National Seminar on Social Crises And Educational Research CASE , Faculty of Education and Psychology, M.S. U., Baroda February 27-28 , 2003	Shifting focus of media research	Published
		National Seminar on Urban Air Pollution : issues and Solutions, Department of Botany, Faculty of Science, M.S.U., Baroda February 18-19, 2003	Urban air pollution - Role of developmental communication	Unpublished
6	Pandya, R. M.	International Conference on Quality Improvement In Educational Systems,. Department of Educational Technology Bharathidasan University Tamilnadu State Council For Higher Education, Tiruchirappali, February 22-23 , 2003	Provide equal opportunities to ensure quality life	Published
7.	Parikh , V. B. & Kshatriya, D.S.	National Seminar on Social Crises And Educational Research CASE , Faculty of Education and Psychology, M.S. U., Baroda February 27-28, 2003	Contemporary curriculum and social crises	Unpublished
		National Conference on Globalisation : A Challenge To Educational Management Faculty of Education and Psychology, M.S. U., Baroda January 17-18, 2003	Future trends and issues in educational management	Unpublished
Department of Human Development and Family Studies				
1.	Chaudhary, S.	IAP - International Training Programme on Adolescent Health, Michigan State University, Kalamazoo Centre of Medical Studies, USA & IAP Delhi, New Delhi, December 2-7, 2002	Impact of television among adolescents (15-18 yrs.)	Published
2.	Dave P.B.	Education Development Centre, Boston, Mass U.S.A. June 18, 2002	Indian family in transition	Unpublished

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3.	Maliya, I., Dave P. and Manocha, S.	International Seminar on immigration to Canada : Policies Mainstreaming Gender perspectives and implication. Shastri Indo-Canadian Institute and WSRC, M.S. University, January 16-18, 2003	"After my child's migration : A gender perspective of older parents from rural Gujarat.	Unpublished
4.	Mallya I., Dave P.B., Bhojak, K. and Shah N.	International Symposium on Active Case studies of rural older Aging, Challenges and Strategies. Association of Gerontology, Bangalore, Sept. 27-28, 2002	women in Gujarat	Unpublished
5.	Mehta B. and Kapadia S.	Methodology Workshop on Gender and Social Issues in Reproductive Health : Small Grants Program, Achutha Menon Centre for Health Science Studies, Kerala. January 4-7, 2003	Psychosocial implications of involuntary childlessness in the Indian cultural context : A Proposal	Unpublished
		Internal Conference on "Socio-Medical Perspective of Infertility", IIPS, Sujeevan Trust Mumbai : Goa, September 23-27, 2002	Societal perspectives on involuntary childlessness in in the Indian cultural context	Unpublished
6.	Pant P. and	National Academy of Psychology (NAOP), Bhubaneshwar, Orrisa, January 2003	Value of having children and their desired qualities: Beliefs of Hindu Gujarati parents	Unpublished

Women's Studies Research Centre

1.	Manjrekar, N.	Xth Biennial Conference of the Indian Association of Women's Studies, pre-conference session, Bhubaneshwar, 16 October 2002.	Towards an elusive goal: Challenges to women's education	In process
		Xth Biennial Conference of the Indian Association of Women's Studies, 16-20 October 2002.	The long and winding road: Women's studies in Baroda	Unpublished

IV TALKS OF ACADEMIC NATURE GIVEN IN PROFESSIONAL PROGRAMMES (TO BE PRECISE):

Sr. No.	Name(s)	Nature of Professional Programmes*	Title	Participated as**
Department of Clothing and Textile				
1	Karolia, A.K	Refresher course, Saurashtra University, Rajkot, January 31, 2003	Fashion designing (vocational)	Resource Person
2	Pandya, A.D.	Refresher course, Saurashtra University, Rajkot, February 11-12, 2003	Role of clothing & textile in Resource Person garment industry, Traditional embroidery use for surface ornamentation	Resource Person
Department of Foods and Nutrition				
1	Chauhan, K.	UDP-MHRM (MSW) programme	'Nutritious Diet'	Resource Person

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2	Deshmukh, S.	WHO Training on Maternal & Child Nutrition & Health, WHO Collaborating Centre, Department of Foods and Nutrition, M S University of Baroda, Vadodara, March 5, 2003	Dietary management of diet related non-communicable diseases like obesity, hypertension and diabetes	Resource Person
3.	Iyer, U.	WHO Training on Maternal & Child Nutrition & Health, WHO Collaborating Centre,, Department of Foods and Nutrition, M S University of Baroda, Vadodara	Iodine deficiency disorders in India and South East Asia : Epidemiology, consequences and control (March 4, 2003)	Resource Person
4.	Labhe, R.	WHO Training on Maternal & Child Nutrition & Health, WHO Collaborating Centre , Department of Foods and Nutrition, M S University of Baroda, Vadodara	Assessment of iodine in salt - Practical	Resource Person
5	Mani, U.	WHO Training on Maternal & Child Nutrition & Health, WHO Collaborating Centre, Department of Foods and Nutrition, M S University of Baroda, Vadodara February 3, 2002	General overview and purpose of the training on maternal and child health and nutrition	Resource Person
6	Mehan, M.	Post Graduate Diploma in Hospital Management, Vadodara, April 29, 2003 and March 7, 2002	History, importance, functions, flow, structure, equipment, planning of a dietary department Organization, staffing, records & standards of a dietary department	Expert Faculty
		Post Graduate Diploma in Hospital Management, Vadodara, UNICEF, Hyderabad, March 7, 2002	Problem of vitamin A deficiency in India and South East Asia : Epidemiology and consequences	Resource Person
		WHO Training of Fellows as part of WHO Collaborating Centre, Department of Foods and Nutrition, M S University of Baroda, Vadodara, March 7, 2003	Approaches to combat vitamin A deficiency with emphasis on the ongoing programs to combat vitamin A	
7	Mehan, M. and Iyer, S.	WHO Training of Fellows as part of WHO Collaborating Centre, , Department of Foods and Nutrition, M S University of Baroda, Vadodara March 9, 2003	Severe malnutrition in children : Causes and rehabilitation	Resource Person
8	Mehan, M.	WHO Training of Fellows as part of WHO Collaborating Centre, Department of	Capacity building for nutrition program management training	Resource Person

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		Foods and Nutrition, M S University of Baroda, Vadodara, March 9, 2003	of WHO Fellows	
9	Mehta, P.	Workshop organized by WSRC, April 17, 2002	Empowering ageing women	Resource Person
10	Sharma, K.	Review meeting of Evaluation of adolescent anemia control program in Shivpuri district, Madhya Pradesh organized by UNICEF (Bhopal), and IIMR (Jaipur), Bhopal, August 26-27, 2002	Plan of data analysis and report writing	Resource Person
		Evaluation of Adolescent Anemia Control program of Ranchi district, organized by Ranchi District Education Office, Govt. of Jharkhand, and UNICEF (Patna), Ranchi, December 2-5, 2002	Preparing the evaluation plan data analysis and report writing	Resource Person
		WHO Training on Maternal & Child Nutrition & Health, Department of Foods and Nutrition, M S University of Baroda, Vadodara	Problem of nutritional anemia in India and other south East Asian Countries. Epidemiology and Consequences. Assessment of iron status.	Resource Person
		WHO Training on Maternal & Child Nutrition & Health, Department of Foods and Nutrition, M S University of Baroda, Vadodara	Approaches to combat anemia. Iron supplementation studies and programmes and food based approach.	Resource Person
		WHO Training on Maternal & Child Nutrition & Health, Department of Foods and Nutrition, M S University of Baroda, Vadodara	Practicals on assessment of iron status: Haemoglobin, total iron, total iron binding capacity, percent transferrin saturation Malnutrition in children : Role of infant and young child feeding practices	Resource Person
Home Management Department				
1.	Jaiswal, N.	Seminar On Oil and Energy Conservation , ONGC, Vadodara, January 14, 2003	Energy conservation at household level	Resource Person
2.	Shukul, M	Workshop Under Family Welfare Programme, Asea Brown Boveri Ltd, Vadodara, June 21, 2003	Family budget	Resource Person
		Seminar On Oil and Energy Conservation, ONGC, Vadodara, January 21-27, 2003	Energy conservation	Resource Person

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Department of Home Science Extension and Communication

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|----|--------------|--|------------------------------|-----------------|
| 1. | Patil, A. S. | UGC Refresher Course For College Teacher, Saurashtra University, Rajkot, January 28-29, 2003 | Entrepreneurship development | Resource person |
|----|--------------|--|------------------------------|-----------------|

Department of Human Development and Family Studies

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|---|---------------|--|---|-----------------------------|
| 1 | Chaudhary, S. | IAP - International Training Programme on Adolescent Health, Michigan State University, Kalamazoo Centre of Medical Studies, USA & IAP, New Delhi, December 2 – 7, 2002. | Gender issues in psychosocial development
Career counselling: An important educational concern | Resource person. |
| 2 | Dave, P.B. | ICMR meeting for Receiving Research Proposal, Bangalore, September 28, 2002 | Mental health issues of aging women | Expert /
Resource person |

V CONTRIBUTION IN CONDUCTING PROFESSIONAL PROGRAMMES / ASSISTANCE EXTENDED IN ADMINISTRATIVE/ACADEMIC PROGRAMMES :

Sr. No.	Name(s)	Programme(s), Place and Date(s)*	Participated as**
Department of Foods and Nutrition			
1	Chauhan, K.	Workshop "Empowering ageing women", WSRC, M.S. University, Vadodara, April 17, 2002	Demonstrator
2	Mani, U.V., Iyer, U. & Sharma, K.	WHO Training on Maternal & Child Nutrition & Health, March 3-18, 2003	Co-ordinator Organizing Secretary
3	Shringarpure, B.	Workshop on "Empowering ageing women", WSRC, M.S. University, Vadodara office April 17, 2002	Demonstrator
4	Tuteja, S.K.	Entrepreneurship Development Programme (EDP), FN Dept., Faculty of Home Science, Baroda, School of Baking, GAU, Anand Horticulture Dept., Baroda December 17, 2002 - January 22, 2003	Organiser
		One-day Training Camp – Mineral Water Technology and Quality Assurance, Sujal, Bajwa, February, 28, 2003	Organiser
		Workshop 'Training the Trainers' – 'Creating Entrepreneurship' organized by I-Creat, Baroda, March 3-7, 2003	Invited Participant
Department of Home Management			
1.	Ajwani, D. and Mehta, M.	National Training Programme Titled Human Resource Development: Training Women As Managers Of Higher Educational Institutions, Vadodara, March 24-25, 2003	Organizing Members
2.	Gandotra, V. S.	National Training Programme Titled Human Resource Development: Training Women As Managers of Higher Educational Institutions, Vadodara, March 24-25, 2003	Director

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| | | Seminar On Energy And Oil Conservation, January, 20, 2003, Faculty of Home Science (In Collaboration With ONGC) | Organizer |
| 3. | Jaiswal, N. | National Training Programme Titled Human Resource Development: Training Women As Managers Of Higher Educational Institutions, Vadodara, March 24-25, 2003 | Organizing Secretary |
| | | Demonstration Of Household And Personal Care Equipments, September, 10, 2002 | Co-organizer |
| | | Seminar On Energy And Oil Conservation, January 20, 2003, Faculty of Home Science (In Collaboration With ONGC) | Co-organizer |
| 4 | Shukul, M. | National Training Programme Titled Human Resource Development: Training Women As Managers of Higher Educational Institutions, Vadodara, March 24-25, 2003 | Co-ordinator |

Department of Home Science Extension and Communication

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|----|---|--|------------------------------|
| 1 | Joshi, U. G.,
Pahad, A.H.
& Maniar, A.T. | Workshop On Video/TV Production , Department of Home Science Extension And Communication, M.S.U., Baroda, November 18-22 , 2002 | Organizer
Co-Organizer |
| 2. | Karandikar, K.G. | Exhibition On Areas Of Home Science, Department Of Home Science, K.N. College, Jodhpur, February 1, 2002 | Co-Organizer |
| 3. | Kshatriya, D. S.
& Parikh, V.B. | Training Programme on Entrepreneurship Awareness for The II nd Year Students of HSEC Department, Department of Home Science Extension And Communication, M.S.U., Baroda March 3 - 8 , 2003 | Organizer |
| 4. | Mathu, A. A.,
Parikh, V. B.,
Kshatriya, D. S.
& Shah, S. | Placement of P.G. Diploma And Post Graduate Students, Shroff Foundation Trust, Kalali, December 21 - 31 , 2002 | Co-Ordinator
Team Memebrs |
| 5. | Pahad, A.H.
& Maniar, A.T. | Exhibition on Towards Women's Empowerment, Department of Home Science Extension And Communication, M.S.U., Baroda, February 26-27 , 2003 | Organizer |
| 6. | Pandya, R. M.,
Maniar, A. T.,
Karandikar, K.G.
& Talapatra, D. | Workshop on Innovative Methods and Materials for Play Centre Workers In Collaboration With UBS/UCD at Department of Home Science Extension and Communication, M.S.U., Baroda, March 17-18 , 2003 | Organizer
Co-Organizer |

Department of Human Development and Family Studies

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|---|----------------|--|--------------------------------|
| 1 | Bhargava, S.V. | Interactive workshop on Disability, Dept. of HDFS, Baroda, January 17, 2003. | Organiser and Resource person. |
| | | Training workshop on use of Developmental Assessment Scale for Indian Infants (DASII) Baroda, Dept. of HDFS July 29 – August 5, 2002. | Resource person & Organiser. |
| 2 | Chaudhary, S. | Inauguration of "Youth Study & Support Centre " , Department of HDFS, Faculty of Home Science, The Maharaja Sayajirao University of Baroda, February 25, 2003. | Coordinator |

14. Faculty of Home Science

3	Dave, P.B.	" Socio- psychological aspects of aging " a panel discussion organised by Gujarat senior citizens forums, March 23, 2003.	Chairperson and Organiser.
4	Jasrai, S.Y.	Training workshop on use of developmental Assessment Scale for Indian Infants (DASII) Baroda, Dept. of HDFFS, July 29 to August 5, 2002	Resource person & Organiser
5	Kapadia, S., Verma, S. & Mehta, B.	Inhouse workshop on "Qualitative Research Methods" for the Jr. Masters, Dept. of HDFFS, Faculty of Home Science, MSU, December 15-16, 2002.	Resource person
6	Kapadia, S.	Methodology Workshop for Small Grants Programme on gender & social issues in reproductive health research, Kollam, Kerala, January 5 -7, 2003.	Advisory committee member & Resource person.
7	Shastri, J.A.	Drama workshop for Self Expression for Children, Dept. of HDFFS, Faculty of Home Science. M.S.University of Baroda, October 21 - 24, 2002 and November 29, 2002.	Coordinator / Organiser
8.	Dave, P.B.	Workshop for preparation of Sexuality Education Modules for Adolescents, Teachers and Parents, Vadodara, November 21 - 23, 2002.	Organiser.
		Workshop to develop resource materials (Videos/ slides) for teaching reproductive health concerns in the community, Vidyanagar, S.P. University, January 30 - 31, 2003.	Organiser.
		Workshop for preparation of Visuals and Script for Adolescent Sexuality Education, M.S.University, Vadodara, February 3 - 6, 2003.	Organiser.
9	Jasrai, S.Y.	Training on maternal & child, health & nutrition for WHO fellows organised by Department of Foods and Nutrition. March 3 -16, 2003.	Resource person.

VI PARTICIPATION IN ACADEMIC BODIES OF UNIVERSITIES, OTHER THAN M.S.U.

Sr. No.	Name(s)	Academic body of Universities/Institution and place	Participated as*
Department of Foods & Nutrition			
1	Mehta, P.	Gujarat Agriculture University, Dharwad Bangalore University, Bangalore Rajasthan University, Jaipur	Evaluator, External Examiner Evaluation & Dissertation External Examiner
2	Sheth, M.	Dept. of Home Science, University of Rajasthan, Jaipur Agricultural University, Dharwad, Karnataka AG Ranga Agricultural University, Hyderabad (A.P.)	External Examiner for viva voce exam for M.Sc. (Final) in the subject of Advanced Nutrition As Examiner for Masters Dissertation
Department of Home Management			
1.	Gandotra, V. S.	Board of Studies in Home Science, S.P.University, Vallabh Vidyanagar	External Expert

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| | Selection Committee for Career Advancement at S.P.University, Vallabh Vidyanagar | External Expert |
| 2. | Shukul, M. Member of Board of Studies at Maharana Pratap University, Udaipur | Member |

Department of Home Science Extension and Communication

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| 1 | Joshi U.G. Board of Studies in Home Science, Rajasthan University, Jaipur
Board of Studies in Home Science, SNDT University, Bombay
SNDT University Bombay.
SNDT University, Rajasthan University, Jaipur.
SNDT University, Bombay.
SNDT University, Surastra University. | External Expert
External Expert
External Expert
External Expert
External Expert
External Expert |
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Department of Human Development and Family Studies

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| 1. | Dave, P.B. Education Development Centre, Boston, Mass, USA, May 29 - June 15, 2002 | Collaborator, member of meetings |
| 2. | Kapadia, S. Gujarat State Government expert committee on Gender Policy (Group Capacity building).

Coordinating committee on Gender and Health Research & training Initiative (Achutha Menon Center for Health Science Studies, Trivandrum, Kerala).

Board of Governors of SWATI- Society for Women's Action & Training Initiative, Ahmedabad

Aarogya -Center for health-nutrition Education, Baroda. | Committee member

Coordinator & Advisory committee member.

Member of board of Governors

Member, Advisory committee. |
| 3. | Shastri, J.A. National level ECCE Group of Work Forces, Mumbai. | Academic member |

VII PERFORMANCE BY INDIVIDUAL/GROUP

Sr No.	Name(s)	Place and Date(s)	Nature of Performance*
Department of Foods and Nutrition			
1	Chauhan, K.	'TAA6-02' Cultural Evening of M.S.U. staff, C.C. Mehta Auditorium, M S University of Baroda, September 21, 2002 Kalindi Apts., Pashabhai Park, Vadodara (along with HDFS department). Recipe Competition at Patel Kaka Chawl organized by UDP, Govt., November 29, 2002	Stage performance in group folk dance Extension work on elderly Judge
2	Kanani, S. & Srivastava, N.	Lecture on 'Methods of Diet Surveys' SSG Medical College, Baroda, July 2002	Lecture
3	Srivastava, N.	Training of Trainers on ICDS organized by Food & Nutrition Board, Narmada Dist., February 14, 2003	Lecture (Extension work)
Department of Home Management			
1.	Ajwani, D.	'TAA6-02' Cultural Evening of M.S.U. staff, C.C. Mehta Auditorium, MS University of Baroda, September 21, 2002	Stage performance in group folk dance

14. Faculty of Home Science

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| 2. | Gandotra, V.S. | Fun-Fair, Home Science, M.S.U., February, 8, 2003, Annual Day | Chair person |
| | | "Parinay" An Exhibition on wedding ceremonies and rituals of different states of India , CDIP, MS University of Baroda, March, 8, 2003, | Convener |
| | | Tree-plantation in Collaboration with Forest Department, September, 5, 2002 | Organizer |
| 3. | Jaiswal, N. | Tree-plantation in Collaboration with Forest Department September, 5, 2002 | Co-organizer |
| 4. | Jaju, N. | "Parinay" An Exhibition on wedding ceremonies and rituals of different states of India , CDIP, MS University of Baroda, March, 8, 2003 | Co-ordinator |
| | | 'TAA6-02' Cultural Evening of M.S.U. staff, C.C. Mehta Auditorium, MS University of Baroda, September 21, 2002 | Stage performance in group folk dance |
| 5. | Joshi, S | 'TAA6-02' Cultural Evening of M.S.U. staff, C.C. Mehta Auditorium, MS University of Baroda, September 21, 2002 | Solo singing, Stage performance in group folk dance |

Department of Home Science Extension and Communication

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| 1. | Mathu, A.A.,
Parikh, V.B.
Kshatriya, D. | A ten days camp at Shroff Foundation Trust Kalali, December 21 - 31 , 2002. | Slide shows, Discussions, Role & plays, Video films, Puppet shows |
| 2. | Parikh, V. B.,
Kshatriya, D.
and Shah, S.,
Talapatra, D. B. | Department of Home Science Extension & Communication, M.S.U., Baroda , August 17 and October 22 , 2002. | Exhibition under the course of Productive Arts and Crafts on Creative Articles |
| 3. | Karandikar, K.G. | Conducted a demonstration on a workshop at Vatsalya Centre, Akota , February 1 , 2003. | Demonstration and Workshop on Puppetry |

Department of Human Development and Family Studies

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| 1 | Kapadia, S.,
Chaudhary, S.,
Jasrai, S. &
Mankodi, D. | "Understanding Adolescence as a phase", Faculty of Home Science, Campus Diversity Initiative Programme, March 22, 2003 | Joint Co-ordinators |
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VIII 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 Foods and Nutrition			
1	Iyer, U.	Hari Om Ashram Award (2002)	Best Paper in Home Science

14. Faculty of Home Science

2	Mani, U.V.	Recipient of Prabha Singh Memorial Award for 2002 by the Indian Society of Agricultural Chemists	Memorial Lecture
3	Tuteja, S.K. and Group	Illrd Prize	Developed and presented Entrepreneurial project entitled "Wah Silverline Club"

Department of Human Development and Family Studies

1	Kapadia, S.	Fullbright Post-Doctoral Research Award	Conduct of research on "Gender Perspectives on Adolescents' and Parents' Moral reasoning about Cultural Conflicts".
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IX MEMBERS OF FACULTIES

Sr. No.	Name (beginning with Surname) (Dr./Mr./Mrs./Ms.)	Designation	Area of Interest/Research
Department of Clothing & Textile			
1	Prof. B.Balakrishnaiah	Professor	Textile Science
2	Ms. Chauhan Vandana R.	Lecturer	Clothing Construction, Fashion Designing, Social & Psychological Aspects of Clothing Draping
3	Dr. Kacker Rashmi	Reader	Social & Psychological Aspects of Clothing, Historic Costumes/Textiles
4	Dr. Karolia Anjali	Reader	Textile Science, Fashion Designing, Historic Textile & Costumes
5	Prof. Phadke Sunanda M.	Professor	Historic Costumes Textiles, Weaving, Clothing Construction, Garment Production
6	Dr. Pandya Amita	Reader	Historic Costumes Textiles, Extension Work, Embroidery, Garment Production
7	Mrs. Patel Bhargavi S.	Lecturer	Clothing Construction, woven Design Fashion Designing
Department of Foods and Nutrition			
1.	Dr. Mani Uliyar	Professor	Clinical Nutrition, Medical Dietetics
2.	Dr. Mehta Pallavi	Professor	Geriatric Nutrition
3.	Dr. Ankleshwaria Ninaz	Reader	Food Analysis
4.	Dr. Kanani Shubhada	Reader	Public Health Nutrition
5.	Dr. Tuteja Shashikanta	Reader	Food Safety
6.	Dr. Iyer Uma	Reader	Clinical Nutrition
7.	Dr. Munshi Vibha	Lecturer	Food Composition and Analysis
8.	Dr. Mehan Meenakshi	Lecturer	Therapeutic Nutrition
9.	Mrs. Chauhan Komal	Lecturer	Food Science
10	Dr. Sheth Mini	Lecturer	Food Microbiology

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11	Dr. Kuruvilla Annie	Lecturer	Biophysics and Nutrition
12	Dr. Sharma Kavita	Lecturer	Public Health Nutrition
13	Dr. Nair Sirimavo	Lecturer	Physiology and Nutrition
Department of Home Management			
1.	Dr. Gandotra Veena	Professor	Management, Consumer, Housing and Interior
2.	Mrs. Dass Asha V.	Reader	Household Equipment, Management, HRD
3.	Dr. Shukul Maneesha	Reader	Management, HRD, Consumer & Women Issues
4.	Dr. Joshi Suramya	Lecturer	Ergonomics, Resource Management
5.	Dr. Jaju Neena	Lecturer	Interior Design, Lighting, Resource Management
Department of Home Science Extension & Communication			
1.	Dr. Joshi Uma	Reader	Media and Development
2.	Dr. Patil Asha	Reader	Home Science Extension Community Studies
3.	Dr. Pahad Anjali	Lecturer	Media Studies
4.	Dr. Pandya Rameshwari	Lecturer	Adult Education, Women's Studies
Department of Human Development and Family Studies			
1.	Dr. Mohite Prerana	Professor	ECCE – Children's Play, Media Effects on Child Development, Parent Involvement.
2.	Dr. Dave Parul	Professor	Family/Women's Studies – Elderly
3.	Ms. Mallya Indira	Reader	Child and Family Welfare, Child to Child Programs, Child Rights
4.	Mrs. Sriram Rajalaxmi	Reader	Family/Women's Studies – Child Care, Family Violence, Elderly
5.	Dr. Kapadia Shagufa	Reader	Family/Women's Studies – Family Empowerment, Women's Identity, and Women's Health, Marriage
6.	Dr. Shastri Jigisha	Lecturer	ECCE-Media Effects on Child Development, Curriculum For Preschool
7.	Ms. Mankodi Hina	Lecturer	ECCE – Curriculum and Training of Personnel
8.	Mrs. Bhargava Shruti	Lecturer	ECCE – Children with Special Needs
9.	Dr. Chaudhary Sangeeta	Lecturer	Adolescence, family, Parenting Issues
10.	Dr. Jasrai Sucheta	Lecturer	ECCE
Women's Studies Research Centre			
1	Prof Dave Parul	Professor	Ageing, older women
2	Prof Nanavati Arti	Professor	Economics of gender
3.	Dr Manjrekar Nandini	Lecturer	Sociology of gender and education, women's studies, research methodology

14. Faculty of Home Science

X IMPORTANT EVENTS/ACTIVITIES OF THE FACULTY/ UNIT

Description of the Event	Date, Time & Place	Photographs attached (if any) with their description
Department of Clothing and Textiles		
Ratri Before Navratri	October 5, 2002 ,7 to 10 p.m. Navlakhi Ground, Jail Road, Baroda	
Exhibition Cum Sale	October 19, 2002, 10 a.m. to 6 p.m., Faculty of Home Science Auditorium	
Department of Home Management		
Seminar on "Oil and Energy Conservation" in Collaboration with ONGC.	January 20, 2003, 11.00-1.00 p.m., Faculty of Home Science Auditorium	
Department of Human Development and Family Studies		
Workshop for preparation of Sexuality Education Modules for Adolescents, Teachers and Parents	November 21, 22 and 23, 2002, Vadodara	
Workshop to develop resource materials (Videos/ slides) for teaching reproductive health concerns in the community.	January 30 and 31, 2003, Vidyanagar, S.P.University, Vidyanagar	
Workshop for preparation of Visuals and Script for Adolescent Sexuality Education.	February 3- 6, 2003, M.S.University, Vadodara,	
Women's Studies Research Centre		
National consultative meeting on Girls and Schooling: Creative Approaches	November 22-23, 2002, Vadodara	
International Seminar on Immigration to Canada: Policies, Mainstreaming Gender Perspectives and Implications	January 16-18, 2002, Vadodara	

XI NEW COURSES INTRODUCED / APPROVED

Department of Clothing and Textile

For S.Y. B.Sc. (Home) a new course CT 244 Fundamentals of Design in Clothing & Textiles has been introduced during 2002-2003 academic year.

Department of Home Management

New Courses with 120 credits at UG level and 60 Credits at PG level are introduced during the academic year 2003-2004.

14. Faculty of Home Science

XII CURRICULUM UPGRADATION

(A) Subjects Offered

Department of Clothing and Textiles

Subjects like CT 243(A) Pattern Making Flat pattern and CT 244(A) Textile Design has been upgraded both course wise and credit wise.

Department of Home Science Extension and Communication

Curriculum updated on the line of UGC model

1. Statistics for Research
2. Statistics for computer application
3. Adult and Non-formal education
4. Development Journalism

(B) Options Offered

Department of Clothing and Textiles

A vocational degree course in Fashion Designing has been planned and passed in the Faculty Board which would be implemented from the academic year 2003-2004 onwards.

XIII. ADDITIONAL FACILITIES CREATED

(A) Equipment

Department of Clothing and Textiles

Electronic Balance –1 No., Crimp Tester - 1 No.

Department of Home Management

Refrigerator, Surface cooking Utensils, Kitchen Tool, Small Electrical Appliances For Household Equipment Laboratory.

Department of Home Science Extension and Communication

Eight computers, One web camera, One OHP, One CD writer, One Audio system, One CD player, Two Printers

Women's Studies Research Centre

Conference Table, Library cupboard, Slotted Angle Rack

(B) Laboratories/Seminar Rooms/Teaching Aids

Department of Home Management

Two new laboratories were constructed.

Department of Home Science Extension and Communication

Media Laboratory has been established. Along with this the Laboratory has acquired set of Posters, Flip Charts, Video Cassettes, and Audio Cassettes related to Adult education, Media Studies and Environment

Women's Studies Research Centre

Colour Television, VCR, Philips Sound System, Computers, Line Conditioner

14. Faculty of Home Science

XIV. DISTINGUISHED VISITORS AT DEPARTMENTS/FACULTY*

Sr. No.	Name with Full Address	Designation	Date(s) of visit	purpose
Department of Human Development and Family Studies				
1	Prof. Peter Martin, Director, Gerontology Program, Iowa State Univeristy, Le Boron, Ames, IA	Professor	July 23, 2002	Lecture and Project

XV. ACADEMIC PROGRAMMES ORGANISED BY DEPTT./FACULTY*

Name of Programme	Department	State/National/International	Funding Agency
Human Resource Development: Training Women as Managers of Higher Educational institutions	Home Management	National	Self-financed
One week Entrepreneurship Training Programme organized on March 3-8 , 2003	Home Science Extension and Communication	Local	Centre for Entrepreneurship Development, Baroda
International Seminar on Immigration To Canada : Policies, Mainstreaming Gender Perspectives and Implications, Vadodara, 16-18 January, 2003.	Women's Studies Research Centre and Canadian Studies Centre	International	WSRC - Canadian Studies Centre
Interdisciplinary Course in Women's Studies, Vadodara, 5 August-9 October 2002	Women's Studies Research Centre	State	WSRC
National consultative meeting on Girls and Schooling, November 22-23, 2002	Women's Studies Research Centre	National	UNICEF

XVI. OTHER PROGRAMMES OF ACADEMIC SIGNIFICANCE AT DEPT./FACULTY

Department of Clothing and Textiles

- Under the joint auspices of Textile Departments of the M.S. University of Baroda (Textile Chemistry, Textile Engineering, Clothing & Textile) lectures were arranged on topics like :Non Conventional use of polypropylene fibers and E Marketing of Textile and Clothing.
- A Lecture cum demonstration on "Block and Screen Printing" by Mr.Gajjar was given on March, 12, 2003 in Department of Clothing & Textiles

Department of Foods and Nutrition

- Entrepreneurship Development Programme (EDP) for S.Y. & T.Y. FNV students with support of Small Industries Service Institute, Ahmedabad (December 17, 2002 to January 22, 2003)

14. Faculty of Home Science

2. During the year, senior staff members of the department were actively involved in supporting and guiding government nutrition programmes. being resource persons in Government policy formulation

Department of Home Management

1. The department organized an Educational Demonstration of "Household and Personal Care Equipments" for its UG & PG students and staff of the faculty on September 10, 2003.
2. The UG and PG students accompanied by staff members went on an educational tour to ERDA, IRMA, SPRERI AMUL Dairy, Anand and Ajwa and Nimeta Vadodara

Department of Home Science Extension and Communication

1. Women's Day was celebrated by the department by organizing Role Play, Drama and exhibitions of Posters, Booklets etc. on March 8, 2003.

Women Studies Research Centre

1. Workshop for Empowering Older Women, Focus on Health & Nutrition, Economic Aspects, Legal Aspects and Socio-psychological Aspects of their Lives, April 17 -18, 2002.
2. Workshop on Feedback and Revision of the Tool on Life Skills of Adolescents Peer Education, October 23, 2002.
3. Workshop on Quest for Gender Awareness and Sensitivity for School Teachers of Standard VI and VIII, November 28-30, 2002.
4. Workshop with schoolteachers on Teaching Social History: Problems and Potential (Resource person: Dr Kumkum Roy, Centre for Historical Studies, Jawaharlal Nehru University), New Era Secondary School, Baroda, February 14, 2003.
5. Gender Sensitization Workshop for Nurses, WSRC, Vadodara, March 11-12, 2003.
6. Gender Sensitization Workshop for Post Graduate Students of Journalism and Communication, March 21-22, 2003.

XVII. PROGRAMMES FOR COMMUNITY OUTREACH AT DEPT./FACULTY

Department of Home Management

The community outreach programme was undertaken by UG and PG students of the department. The UG students disseminated information and demonstrated various appropriate technologies in selected rural areas of Vadodara. The PG students in collaboration with local NGO's, Society clubs, Vadodara Municipal Corporation, taught income generating skills, delivered informative and educational lectures to improve the quality of life of the female youths and adults. The staff of the department also contributed by sharing their expertise for the welfare of the employees of the selected industry.

Department of Home Science Extension and Communication

Various Health and Recreational activities in Old Age Homes, Income generating activities for women, Value based education to children and health, hygiene and sanitation education to adolescent girls.

Department of Human Development and Family Studies

Campus diversity initiative programme was organized on March 22, 2003. It was an attempt to sensitize the students towards the effects of globalisation and Modernisation on individual psyche. The activities were a poster making competition and a debate competition. The topic for poster competition were 1 indian teenager: friendship ke funde, 2 indian teenager : media ke jaal mein 3. Indian teenager : paise hi paise, per kaise. The topic of the debate was Indian teenagers : kitne deshi, kitne videshi

Women Studies Research Centre

Poster competition cum exhibition on Women's Empowerment for Students of HDFS (Jr. MSc, Women's Studies), April 2002.

14. Faculty of Home Science

Symposium on Gender Issues for Railway Officers, Railway Staff College, Vadodara, January 20-21, 2003 (in association with Jagori, New Delhi)

Laws for Women's Rights and Protection, Police Training School, Vadodara, February 24, 2003.

XVIII. ACHIEVEMENTS/HONOURS/AWARDS

(A) Teaching Staff

Name	Department	State/National/International	Nature of Achievement
Dr. Iyer U.	Foods & Nutrition	National	Hari Om Ashram Award (2002) for the Best Paper in Home Science
Prof. Mani U.V.	Foods & Nutrition	National	Recipient of Prabha Singh Memorial Award for 2002 by the Indian Society of Agricultural Chemists
Dr. Tuteja SK & Group	Foods & Nutrition	National	Illrd prize for development and presenting entrepreneurial project entitled "Woh Silverline Club"

XIX. IMPORTANT EVENTS / ACTIVITIES OF DEPARTMENT

Department of Clothing and Textiles

An educational tour was organized for under-graduate and post graduate students to Surat and Vapi for various visits to textile mills.

Department of Foods and Nutrition

'Yapon Club' of Dept. of Foods and Nutrition organized a 'Recipe Demonstration' by Nestle India Ltd. on 19th October 2002.

Department of Home Management

PARINAY" a programme highlighting the culture and marriage ceremonies of various states of India was organized by the Department under the Cultural Diversity Initiative Programme of the university on March 8, 2003. The programme was very much appreciated by the public.

Department of Home Science Extension and Communication

1. Media Laboratory was inaugurated by Hon. Vice-Chancellor Prof. K.C. Upadhyaya on March 20, 2003.
2. Prof. Anupama Shah Lecture Series started on March 20, 2003.

15. Faculty of Social Work

I (A) PUBLISHED BOOKS(B) MONOGRAPHS (C) EDITED VOLUMES (D) OTHERS

Sr. No.	Author(s)	Title	Name of Publisher, Date and Year of Publication and Total Pages
1.	Navale, A.S. Vyas, M.D. Parmar, M.N. Solanki, J.D. Bulchandani, A.	Spirituality and Management	Seminar report (Monograph) – 400 pages, 2002
2.	Navale, A.S, Khasgiwala, A. Vyas, M. Mehta L. Mehta, B.	Special Issue of Social Work Review on Girl Child	Faculty of Social Work, M.S.University of Baroda, March 2003
3.	Navale, A.S. Patel C. Sharma M.	Perspective Planning for Xth Plan Report	Faculty of Social Work, M.S.U. 2003
4	Navale, A.S. Sharma M.	Social Impact Assessment – Phase I M.S.U. November 2002.	Faculty of Social Work and Centre for Industrial Relations and Social Development,
	"	Social Impact Assessment Report	Submitted to World Bank & GSDMA for Kutch, Rajkot and Jamnagar Districts. Volume/MFR-I, December 2002, Volume/MFR-II, February 2003; Volume/MFR-III, March 2003.
	"	Integrating Human Rights Perspective to Social Work Education	Faculty of Social Work, M.S.U., 2003

II. 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, M.D.; Parmar, M.N.; Solanki, J.D.	Random Reflection on 'Child Labour and NGOs Initiative	Social Work Review – 2003, page no. 72.
2.	Parmar, M.N.; Solanki, J.	Human Rights & Educational Deprivation of Dalits in Democratic India	Social Work Review – 2002
		Work Profile of Functionaries Working With Children	Social Work Review – 2003 page no. 67.
3.	Mehta, L.V.	Social Profile of Child Sexworkers	Social Welfare, Vol. 49, No.8, p.no. 3-7, November 2002
4.	Bulchandani, A.	'Triumph – Through a Well Lead Team'	Published in Souvenir of Baroda Management Association

5. Faculty of Social Work

PAPERS PRESENTED AT INTERNATIONAL/NATIONAL/STATE LEVEL SEMINARS/CONFERENCES, ETC.

Sr. No.	Author (s)	Theme, Organizer's Name, Place and Date of Seminar/Conference etc.	Title of Paper	Published/ Unpublished
1.	Navale, A.S. & Vardiwale, S.M.	National seminar on Development of SC/ST : Issues and Challenges, Faculty of Social Work, M.S. University of Baroda, 24-25 March 2003.	SC Development Through Economic Development Project – Initiative by Village Level Organization (Jambusar, Gujarat)	Unpublished
2.	Navale, A.S. & Sharma M.	Role of NGO's in Reconstruction and Rehabilitation, organized seminar by GSDMA, Kutch, Bhuj, 9 June 2002	Social Rehabilitation	Published
		Seminar on Human Values in Technical Education organized by Faculty of Technology and Indian Society for Technical Education, M.S.University of Baroda, 24-25 August 2002.	Effective Participation in NSS : Issues and Concerns	Published
		Asian Region Consultation on Life Style Education and Skill for Adolescents organized by Ministry of Youth Affairs and Sport, Chandigarh, GOI and Commonwealth Youth Asia Centre, 11-17 November 2002.	Adolescent Needs, Interest and Concerns : Contextual Imperatives for Family and Life Skill Education	Unpublished
		Leadership secrets for excellence in National Service Scheme, a guide for NSS Coordinators and NSS Programme Officers at Refresher Course for TOC/TORC's, Faculty members at Rajiv Gandhi National Institute of Youth Development, Sriperambudar on 6th January 2003.	Adolescents in India Leadership Secrets for Excellence in NSS	Published Unpublished
1.	Navale, A.S. & Sharma M.	One Day HR Convention on Leveraging Human Resources for Competitive Edge, organized by Faculty of Social Work and Centre for Industrial Relation and Social Development, Faculty of Social Work, M.S.U. on 11 January 2003	Three Spectacular Domains of Human Resources for a Key Competitive Advantage (Innovation, Creativity and Soft Skills)	Published

15. Faculty of Social Work

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| | | National seminar on Scheduled Caste and Scheduled Tribes organized by Faculty of Social Work 24-25 March, 2003 and State Workshop on Disaster and Health Issues sponsored by IOC, Vadodara Municipal Corporation, Vadodara. | Women Issues in the SC and ST's : Overview of AWARE An Alternative Intervention Strategy | Unpublished |
| 2. | Vyas, M.D.;
Parmar, M.N.;
Solanki, J.D.;
Bulchandani A. | National seminar on Development of SC/ST : Issues and Challenges, Faculty of Social Work, M.S. University of Baroda, 24-25 March 2003. | Development of SC/ST in Indian Society : The Pentagon Puzzle | Unpublished |
| 3. | Mehta L.V. | National Level TOT Programmed by National Institute of Social Defence, Delhi, 10-14 March 2003. | Child Rights.
J.J. Act. | Unpublished |

IV TALKS OF ACADEMIC NATURE GIVEN IN PROFESSIONAL PROGRAMMES :

Sr. No.	Name(s)	Nature of Professional Programmes	Title	Participated as
1.	Navale, A.S.; Sharma M.	Project Implementation Workshop organized by GSDMA in collaboration with World Bank on 19 September 2002	Second Gujarat Earthquake Emergency Recovery Prog.	Participant
			Project Implementation SGEERP Workshop	Participant
2.	Khasgiwala, A.	"National Initiative for Child Protection," workshop for Police Officers, Police Inspectors and Heads of Deptt. of S.S.G. Hospital 3 Workshops in Baroda by Childline CIF, Mumbai on 29-31 March 2003	'Role of Police & Health Professionals in NICP' 'CHILDLINE'	Resource Person
		Three Days State Level Training Programme on the Juvenile Justice (Care & Protection) 2000 at Faculty of Social Work, M.S. University of Baroda, during 10-12 March 2003.	Developmental Needs of Children	Resource Person
3.	Parmar M.N.	Employees Development Programme.	Community Leadership	Resource Person
		TOC – NSS, M.S.University of Baroda, Baroda.	Community Participation and Supervision	Resource Person
		TOC – NSS, M.S.University of Baroda, Baroda.	Survey & Evaluation	Resource Person

15. Faculty of Social Work

4.	Mehta, L.V.	Invited Talks/Personality Development Programme for Youths, organized by Nalanda Education, Trust, S.G. University on 31/5/2002.	Non-Verbal Communication	Resource Person
		Training Programme on Child Rights by NGO Forum for Child Rights, on 8/1/2003.	Primary Education and Child Rights	Keynote Address
		State Level Refresher Course for Head Constables, Police Training School, Baroda, on 24/2/2003.	Violence Against Women and Role of Police	Resource Person
5.	Maniyar, M.	Three Day State Level Training Programme on the "Juvenile Justice (Care and Protection) Act 2000" organized by Faculty of Social Work and NISD, at Faculty of Social Work, M.S. University of Baroda, Baroda, 10-12 March 2003.	Concept of Vocational Training and Its Need in Rehabilitation	Resource Person
6.	Patel, C.P.	Three Days State Level Training Programme for Government and Police Functionaries involved in Juvenile Justice System organized in collaboration with National Institute of Social Defence, G.O.I., New Delhi and Department of Social Defence, G.O.G., Gandhinagar during 10-12 March 2003, at Baroda.	Situation Analysis of Children in State. Networking and Linkage in Juvenile Justice System	Invited Talk
		Lecture at Department of Social Work, S.P. University, Vallabh Vidyanagar on 1/3/2003.	Social Development : Concept and Strategies	Invited Talk
7.	Maniyar, M.	Participated in Workshop organized by Unnati and Handicap International at Ahmedabad during 21-23 November 2002.	Role of Community Developers in Mainstreaming Disabled	Participant
		Participated in Workshop-cum-Data Collection, organized by Unnati and Handicap International at Vadodara during 16-18 January 2003.	Role of Community Developers in Mainstreaming Disabled	Participant
8.	Solanki, J.D.	Training and Orientation of N.S.S. Programme Officers, N.S.S., M.S. University of Baroda, Vadodara.	Action for Life : Ten Days N.S.S. Camp and Social Problems of India	Resource Person

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		Workshop at Arts & Commerce College, Savali, Gujarat University organized by Jagrut Grahak, Vadodara.	Role of Youth in the Implementation of Consumer Protection Act	Resource Person
9.	Mehta, B.	Sensitization Workshops for Police Personnel (Inspectors, Sub-Inspectors and Constables) organized by National Institute for Child Protection, Baroda Childline, Childline India foundation, Mumbai. 29 & 31 March, 2003	Child Rights	Resource Person
		Training Programme on Juvenile Justice (Care and Protection of Children) Act 2000. 11 March, 2003	Rehabilitation and Social Reintegration – Concept and Importance	Resource Person
		Gender Sensitization Workshop for Nurses 11 March, 2003	Legal Literacy in Nursing Profession	Resource Person
		Training Workshop for Women Leaders 8 March, 2003	Challenges Against Women Today	Resource Person
10.	Vardiwale, S.M.	Training Programme for Functionaries of Department of Social Defence and Police in Gujarat.	Rights of Child and Its Implications	Resource Person
		School AIDs Education Programme – Training for School Teachers and Students	Role of Teachers and Schol in HIV/AIDS Prevention	Resource Person
11.	Sharma, M.	One day HR Convention – 11 th January 2003	Mentorship Programme of Excellence in Academics	Presenter
		Training of Nodal Agency Coordinators and District Supervisors for Gujarat State Mapping Exercise 5th-9th October, 2002	Training of Nodal Agency Coordinator and Dist. Supervisor Guj. Development GIDR	Resource Person and Participant

V CONTRIBUTION IN CONDUCTING PROFESSIONAL PROGRAMMES / ASSISTANCE EXTENDED IN ADMINISTRATIVE/ACADEMIC PROGRAMMES :

Sr. No.	Name(s)	Programme(s), Place and Date(s)	Participated as
1.	Navale, A.S.	Role of Ambedkar in National Development, NDDDB, Anand, on 14/4/2002.	Resource Person
		National Consultation on Youth Programme at Coimbatore, during 29-30 June 2002.	Resource Person

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Workshop on Urban Infrastructure organised by Gujarat Ecology Commission and GUDCO at Baroda on 20 June 2002.	Participant
Training of Programme Coordinator at Sriperambatore organised by Rajiv Gandhi Institute of Youth Development during 25-27 July 2002.	Resource Person
National Consultation on AIDS organised by Ministry of Youth Affairs, GOI at Coimbatore during 22-23 August 2002.	Resource Person
Training Programme for NSS Functionaries organised by Rajiv Gandhi Institute of Youth Development at Sriperambatore during 1-3 September 2002.	Resource Person
Training of Programme Coordinators on AIDS organised by RGIYD at Sriperambatore during 24-27 September 2002.	Resource Person
AIDS Training Programme for representatives of NGOs of Vadodara, Panchmahals, Bharuch and Kheda Districts during 28-31 September 2003.	Director
Commonwealth Programme during 11-13 November 2002.	Resource Person
National Training for NSS Functionaries organised by RGIYD at Sriperambatore, Chennai, during 14-15 November 2002.	Resource Person
Workshop for Curriculum Development for Campus Diversity Initiative organised by the Educational Resource Centre, N. Delhi during 2-3 December 2002.	Resource Person
National Training for NSS Functionaries organised by RGIYD at Sriperambatore during 13-15 December 2002.	Resource Person
National Training for NSS Programme Officers organised by RGIYD at Sriperambatore during 20-22 December 2002.	Resource Person
National Training for NSS Programme officers organised by RGIYD at Sriperambatore during 5-7 January 2003.	Resource Person
International Workshop on Theme Centered Intervention organised by National TCI Chamber during 17-19 January 2003.	Resource Person
National Seminar on SC/ST organised at the Faculty of Social Work, M.S. University of Baroda, Vadodara during 24-25 March 2003.	Director

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	Advisory Meeting of Gujarat Narmada Nigam Purnarvasvat Agency at Vadodara on 25 March 2003.	Expert
	Navale, A.S.; Sharma M. Workshop on Urban Infrastructure Planning by GEC & GUDCO, 20 July 2002.	Participant
2.	Vyas, M.D. Three days State Level Training Programme for Government Functionaries and Police Official Juvenile Justice (Care and Protection) Act 2000 during 10-12 March 2003.	Coordinating Committee Members
3.	Khasgiwala, A. National Meet of CHILDLiNE Directors at Goa, during 2-3 September 2002	Director
	Workshop on Counselling & Communication Skills for HIV/AIDS Workers, Vikas Jyot, Baroda. 28. September, 2002	Resource Person
	"HIV/AIDS Training Programme for Future Teachers" from Faculty of Education & Psychology Dept., M.S.U. - organized by Faculty of Social Work & GSACS, Ahmedabad on 17-18 February 2003.	Coordinator
	National Seminar on SC & ST in India : Issues and Challenges, Faculty of Social Work, M.S. University of Baroda, during 24-25 March 2003.	Coordinator
4.	Mehta, L.V. NICP Training Programme on J.J. Act for Constables, Faculty of Social Work, Vadodara, on 27 March 2003.	Resource Person
	NICP Training Programme on J.J. Act for Officers, Faculty of Social Work, Vadodara, on 30 March 2003.	Resource Person
	Training Programme for Women Executives : Sexual Harassment at Workplace organized by BMA on 8 March 2003.	Resource Person
5.	Patel, C.P. Field-based Training Workshop on Participatory Rural Appraisal for Disability Mapping in Villages of Vadodara Taluka, Dist. Vadodara in collaboration with Unnati – NGO and Handicap International, Ahmedabad from 16-18 January 2003.	Trainer
6.	Maniyar, M. Organization of a three day State Level Training Programme for Govt. and Police Functionaries at Faculty of Social Work, M.S. University of Baroda with the collaboration of Social Defence, Gujarat State and NISD, New Delhi, held from 10-12 March, 2003.	Coordinator
7.	Solanki, J.D.; Vyas, M.D.; Parmar, J.D. Students Seminar on Communal Riots and Business, Faculty of Social Work, M.S. University of Baroda, on 18 May 2002.	Member of Organizing Committee

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| 8. | Rawal, I. | Training Programme for Students of B.Ed. Course, M.S.University of Baroda, Baroda on HIV & AIDs during 17-18 February 2003. | Coordinator. |
| 9. | Sharma M. | National Seminar on scheduled caste and Scheduled Tribes organized by Faculty of Social Work on Diasaster and Health Issues sponsored by IOC, Vadodara Municipal Corporation, Vadodara. March, 2003 | Participant |

VI. PARTICIPATION IN ACADEMIC BODIES OF UNIVERSITIES, OTHER THAN M.S.U.

Sr. No.	Name(s)	Academic Body of Universities/ Institution and Place	Participated as
1.	Navale, A.S.; Sharma M.	Campus Diversity Initiative Programme, CDIP, Education Resource Trust, New Delhi.	Coordinator Coordinator and Asst.
2.	Parmar, M.N.	Dr. Ambedkar Chair, Department of Sociology, Gujarat University, Ahmedabad.	Advisory Board Member

VII. PERFORMANCE BY INDIVIDUAL / GROUP

Sr.No.	Name(s)	Place and Date(s)	Nature of Performance*
1.	Mehta, L.V.	Lioness Club, Vadodara, on 19 October 2002.	Resource Person in Awareness Programme on Female Foticide and its Social Implications.

IX MEMBERS OF FACULTIES

Sr. No.	Name (beginning with Surname) (Dr./Mr./Mrs./Ms.)	Designation	Area of Interest/Research
1.	Prof. Aruna Khasgiwala	Professor	Human Behaviour Counselling
2.	Prof. Anil Navale	Professor	HRM, Social Development
3.	Prof. M.D. Vyas	Professor	HRM, Social Work Philosophy
4.	Mr. M.N. Parmar	Reader	HRM, Community Organization
5.	Dr. Leena Mehta	Reader	Correctional of Social Work
6.	Dr. Chhaya Patel	Reader	Community Development
7.	Dr. Mridula Maniyar	Reader	Criminology
8.	Mr. Jagdish Solanki	Lecturer (Sel. Scale)	HRM Social Welfare Administration
9.	Ms. Bhavna Mehta	Lecturer (Sel. Scale)	Family, Child and Youth Elderly Welfare
10.	Dr. Ila Rawal	Lecturer (Sr. Scale)	Health, Medical and Psychiatric Social Work
11.	Dr. Anandmala Desai	Lecturer	IRPM, Social Case Work

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XI. NEW COURSES INTRODUCED / APPROVED

P.G. Diploma in Social Development & Organisation Management

P.G. Diploma in Criminology and Correctional Management

XIII. ADDITIONAL FACILITIES CREATED IN TERMS OF:

(A) Equipment

Purchase of Qualis (Four Wheelers) for Transport facility for Field Work at the Faculty.

XIV. DISTINGUISHED VISITORS AT DEPARTMENTS / FACULTY

Sr.No.	Name with Full Address	Designation	Date(s) of Visit	Purpose
1.	Mr. Mahesh Bhatt	Film Producer & Director	March 2003	Lecture
2.	Prof. Rushi Kumar Pandya	Management Consultant	January 2003	Session in HR . Convention
3.	Mr. Dilip Ranjekar	Ex. Director, Azim Premji Foundation	March 2003	Memorial Lecture
4.	Shri G. Narayan	Director, Excel Industries	January 2003	Valedictory Programme of HR Convention
5.	Mr. Sharad Chandra Gokhale	Social Work Educator	24-25 March 2003	National Seminar
6.	Mr. Anil Pratham	DCP, South, Vadodara	24-25 March 2003	National Seminar
7.	Shri P.K. Walera	Retd. Director	15 February 2003	Inauguration Programme of HRM Wing

XV. Academic Programmes Organised by Deptt. / Faculty

Name of Programme	Department	State/National/ International	Funding Agency
Development of SC/ST in Indian Society : Issues and Challenges	Faculty of Social Work, M.S.U., 24-25 March 2003	National Level Seminar	M.S.University
Training Programme for Government Functionaries and Official Juvenile Justice (Care and Protection) Act 2000	Faculty of Social Work, M.S.U., 10-12 March 2003	State Level Training Programme	M.S.University and NISD Police
NICP Training Programme of Allied System	Faculty of Social Work, MSU, 28-31st March, 2003	State Level Training Programme	Child line India Foundation

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XVI. OTHER PROGRAMMES OF ACADEMIC SIGNIFICANCE AT DEPT. / FACULTY

Social Impact Assessment Project sponsored by World Bank and Coordinated by Gujarat State Disaster Management Authority, Government of Gujarat.

District Mapping Exercise for Population Vulnerable to HIV/AIDS in Vadodara District, Coordinated by Gujarat State AIDS Control Society and Gujarat Institute of Development Research.

Identifying Disabled from 5 Villages of Vadodara Dist. (Field Work Agencies) through PRA Technique

CHILD GUIDANCE CLINIC

Child Guidance Clinic the pioneer of its kind in Baroda was established in 1973 as the outcome of joint efforts of Indian Council of Social Welfare Baroda District Branch and Faculty of Social Work, M.S. University of Baroda. Our multidisciplinary team consisting of Psychiatrist, Clinical Psychologist, Speech Therapist, Psychiatric Social Worker and Special Educator works together to help the needy.

Objectives of the Clinic: (1) To provide therapeutic services to the children with emotional disturbance and behavioural disorders; (2) To help children in unfolding their capacities and potentialities to the maximum; (3) To help other institutions to develop health services for children in the community; (4) To promote/provide training and rehabilitate the mentally disabled children; and (5) To provide learning experiences to social work students.

Therapeutic Activities: (1) Total number of new cases – 101; (2) Psychiatrist/Psychologist and speech examination session – 107; (3) Group session – 422; (4) Individual session – 432; (5) Counselling session with parent/family members – 360; and (6) Home visits/Referral services – 135. The process of helping the children includes Study, Diagnosis, Treatment and Rehabilitation. We help them through different types of method by taking their individual sessions or putting them in group for group activities, if necessary through community work, medicines or through combination of these services.

Team Members: (1) Psychiatrist; (2) Psychiatric Social Worker; (3) Special Educator; (4) Clinical Psychologist; (5) Speech Therapist; (6) Social Work Students; and (7) Helper.

Services/Techniques Used: (1) Play Therapy; (2) Group Therapy; (3) Parent/Family Counseling; (4) School Visits; (5) Home Visits; (6) Psychiatric/Psychological/Speech Evaluation; (6) Referral Services; (7) Social Work Intervention; (8) Home Bound Training Programme; and (9) Free Medicines to Needy Children.

Group Sessions: Group sessions are carried out at two levels, one at clinic and the other at school level, which include Hill Memorial School and Navyug High School. At school, the formation of group was possible with the help of that particular school's teachers and principals cooperation. Teachers gave the names of students needing intense work and guidance and they were paid attention at the clinic. Those who are not able to come to C.G.C. for one or the other reason, but require help, were selected for the group activity at the school level.

Sources of Referral: (1) Faculty of Social Work (staff, students and alumni); (2) Schools; (3) Psychiatrist and other medicos; (4) Parents and relatives of clients; (5) Clients/Ex-clients; and Other agencies.

Academic Activities: (1) Placement of four M.S.W. students for field work; (2) Case conference every week; and (3) Session on sharing emotional experiences by practicing social workers in Mental Health Field.

Programmes: (1) Navyug School made a chart of paper cuttings describing communal harmony on 2nd April 2002; (2) Organized sharing session on emotional experiences by practicing social workers in mental health field on 20th April 2002; (3) Attended Medico-Social Symposium – "Rejoice daughters and stop women abuse" organized by IMA, Vadodara in collaboration with VWB on 21st April 2002; (4) Participated in IQ test camp in Bodeli on 18th July 2002; (5) Renovated the Agency, Child Guidance Clinic; (6) Participated in AIDS programme organized by the Faculty of Social Work on 17-18 February 2003; (7) Meeting with Ex-field work students of C.G.C. on 9th February 2003; (8) Released the C.G.C. souvenir on 9th March 2003; and (9) Participated in Mental Health Awareness Exhibition along with 'Niramay Counselling Centre' in Urmi School in March 2003.

Visitors of the Clinic: (1) Visit by Mr. Jaspal Singh and Mr. Niketan Contractor on 3rd April 2002; (2) Mr. Nith Parikh (D.C.E.) and Mr. Pravinbhai visited the clinic on 8th April 2002; (3) Swami Dharma Vihari from Akshar Purshottam Swaminarayan Mandir visited the clinic in January 2003; (4) M.D. of Tropicana, Mr. Y.T. Joshi and Mr. Kiran Dave visited

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the clinic on 22nd January 2003; (5) Mr. Y.L. Dave (Govt. Officer) and Ms. Vandana Thakkar visited the clinic on 23rd January 2003; and (6) Ms. Rupa Bhatt counselor at Niramay Counselling Centre visited the clinic on 11th March 2003.

Future Plan: (1) Expansion services; (2) One-way Glass for Playroom; (3) New Psychological Test for Assessment and Treatment; (4) Replacement of Play material; and (5) Computer.

SAMAJ KALYAN KENDRA

Faculty of Social Work runs a Post Graduate Degree Course in Social Work, which emphasizes equally on the field experiences as well class-room teaching. Samaj Kalyan Kendra is a kind of laboratory, which helps students receive practical experiences since 1951. The activities taken up for the community varies on the basis of analysis of the needs and problems of the Kalyannagar area with special focus on BPL lines. Samaj Kalyan Kendra organised different activities of celebrations, awareness and educational programme for different target groups i.e. Adolescent Girl Group, Aanganwadi Children Group, Pre-Adolescent Group in the area of Health, Education, Income Supplementation etc. In the year 2002-2003, Samaj Kalyan Kendra has organized a workshop - sensitizing future teachers (150) from Faculty of Education and Psychology regarding HIV/AIDS and role of teachers.

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 Sahyog Trust'. The centre started working on full-fledged system from March 1996 in collaboration with Indian Association for Promotion of Adoption (IAPA), Bombay. From year 1999, ARC is working independently without any financial help from other agency by doing fund-raising on its own. Since its inception the ARC provide the services which are: (1) Creating a social climate for the acceptance of adoption; (2) Providing legal and procedural information; (3) Pre-adoptive, post-adoptive counseling; (4) gives information about the services available for the women and children in difficult social situation; (5) Makes various formal and informal groups aware about the specific in which they can be helpful in adoption work; and (6) Extends moral support to the pre and post adoptive parents and adoptee. The Centre has constituted an inter-disciplinary advisory committee and formed parents association of adoptive couples.

'Adoption Awareness Week' was celebrated from 21-28 November years with the help of MSW and MHRM students of Faculty of Social Work in the form of street-plays, poster exhibition, involving the media and meeting the doctors. This drive has evoked immense response from the community in the form of more and more couple coming in for adoption. Besides awareness creation and promotional work, the celebration also helped in raising considerable amount of funds for the Centre.

Future Plan: To involve doctors also in the process of adoption to prevent private adoptions which may create problems for the child in future.

NODAL AGENCY FOR CHILDLINE

Baroda Childline is gaining momentum slowly but steadily. Its two-and-a-half years since the inception of the service in Baroda and the number of calls have crossed the mark of 90,000 already. The center activities were monitored and facilitated by the nodal agency, like the previous year. To give an idea of the programmes and activities conducted by the nodal agency since the last Directors Meet in April 2002 to March 2003, here is a small presentation.

Open Houses: (1) 1 big open house sponsored by Unicef was organized; and (2) During outreach activities, open houses are organized on a regular basis and also in communities where social work students are placed.

Resource Organization Meeting: Has been organized with the aim to facilitate the networking aspect of CHILDLINE with NGOs and Gos of Baroda.

Review Workshop: Has been organized as "outstation workshop" for team-members at Jambughoda; and these include trainings on the topics of documentation, reporting skills, self-awareness, team-building, etc.

Trainings: 3 Training programmes were conducted on the topics are: (a) Issue based intervention, (b) Listening skills, and (c) Case handling/counseling.

Visit by CIF Officials: One CIF official Ms. Mamta Bhavsar has paid a visit to Baroda Childline as part of the network and facilitation visit.

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Director's Meeting and Meeting of Coordinators: (1) 5 directors meetings have been conducted so far; (2) 10 coordinators meetings have taken place; and (3) 46 monthly meetings with team members have been organized.

NICP Training: 3 trainings have been organized for: (1) Police constables; (2) Doctors; and (3) Police Officers.

CAB Meetings: City Advisory Board meeting had been organized.

Participation in workshops organized by CIF and CHILDLINE at other Cities: (1) Participated in the West Zone Paraprofessional Meet organized by CIF at Nagpur in October 2002; and (2) Attended the NICP training workshop organized by CIF at Bhopal in February 2003.

Innovations: (1) Participation in school events wherein many other schools are invited and spreading the message to more than 1000 children at a time; (2) Organizing open houses in the communities wherein social work students are placed; (3) I-cards signed by the CAB chairperson, who is the Collector and District Magistrate of Baroda have been given to all the team members and coordinators; and (4) Letter obtained from Dept. of Telecommunications addressed to the PCO owners that CHILDLINE is a toll-free number and that all children and adults calling for children be allowed to make a call, free of charge from their PCOs. This has eased the task of convincing the PCO owners.

National Service Scheme

NSS at M.S.University of Baroda :

Youth are characterized by tremendous energies, immense potentials, adventurous nature and bubbling enthusiasm to do some thing new and unique, which is not found in any other group. It is because of these characteristics that the youth have been playing a vital role as a change agent in every society.

Youth in all ages, has been the vanguard of progress and social change. The youth of India, representing a third of our population constitute a vital and vibrant human resource. They have the right, as well as an obligation, to participate actively in national development as they are the architect of the DESTINY OF THE NATION which is, in point of fact, their own destiny.

Their problems are many and varied, and their aspirations naturally high, in a country with a great past and greater promise for the future. The need therefore is to create increasing opportunities for them to enhance their personality and their functional capability and thus make them economically productive and socially useful. Such opportunities have to be created on a large scale, to cover a wide spectrum of areas of human endeavour and they have to be made available to youth of all strata of society, particularly the disadvantage. This calls for an integral and inter-disciplinary approach involving both government departments and organizations. The NSS unit of M.S.University of Baroda is geared towards transforming the above objectives into a core reality.

National Service Scheme, M.S.University of Baroda is a centrally managed NSS unit involving 1000 students from different faculties / institution of the University. Training of a core group of volunteers plays a lead role in conducting activities and decision making during the year. While preparing the student force enthusiastic programme officers are also involved in the process of training. The unit is managed by a team of professional social workers and a supportive team of equally committed members. Following is a brief report of the major activities conducted during the previous year

Programmes under regular projects activities:

The activities of NSS are organized under the regular activities and special camping programme. The regular activities organized under different projects were as follows:

- HIV / AIDS lifestyle Education Project
- Environment Education Project
- Literacy Project
- Institutional Service Project
- De-addiction Project
- Women Empowerment Project
- Health and Family Welfare Projects
- Rural Development Projects
- Audio-Visual Aids Project

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Special Camping Programme :

Two special Camps were organised during the year under report.

TRAINING AND ORIENTATION CENTRE (TOC)

Training & Orientation Centre (NSS) is sponsored by Ministry of Youth Affairs & Sports, Govt. of India, New Delhi. The Centre caters training needs of the NSS personnel and key functionaries. It also undertakes training, research and evaluation work assigned by the govt. from time to time.

VISION: Carving a niche for community service and nation development.

MISSION: Channelising the flow of young energies on the path of community service and national development through awakening, enlightening and empowerment.

The Training & Orientation Center of The M.S. University of Baroda imparts training to all the NSS Programme Officers at +2 level and at the University level, respectively. The core focus of the training programs is to enrich the knowledge and skills of the NSS Programme Officers. It imparts a focus on attitudinal change in context of the changing scenario in the field of education, social service and personality development. The main objectives of the courses are as follows:

- To bring about a re – orientation in attitude and values of teachers and to prepare them for new roles and responsibilities in the NSS.
- To enable them to play the role of an extension worker between the college and the community and to function as a catalyst.
- To equip them with knowledge relating to various functional areas of service.
- To provide them skills of working with individuals, groups and community.
- To equip them with basic skills in planning, organization, supervision, survey, evaluation, administration, communication and resource building for NSS.

Keeping in mind the above objectives, the Training & Orientation Center at the M.S.University of Baroda delegates the following functions:

- Organizing orientation and refresher courses for the NSS program officers
- Providing assistance to universities and +2 councils in planning and conducting special camping programs.
- Developing demonstration projects under NSS on inter-collegiate basis with the objective of developing further experience for use of universities and colleges.
- Acting as an information-imparting house of NSS.
- Providing practical guidance to the universities and colleges through field visits.
- Developing and providing consultancy services to universities and colleges/schools in all the different areas of the program.

XVII. Programmes for Community Outreach at Deptt. / Faculty

The outreach programmes are conducted through and by the Adoption Resource Centre, Childline, Child Guidance Clinic and Samaj Kalyan Kendra at the Faculty of Social Work.

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II PUBLISHED ARTICLES / PAPERS IN JOURNAL

Sr. No.	Author (s)	Title	Name of Publisher/Date & Year of Publication and Total pages
Department of Dramatic			
1	Shah, M.C.	(1) "तिराडे इंडी इंपल"- એક અદ્યક્ષ અનુસર્જન	'પ્રત્યક્ષ', જુલાઈ-સપ્ટે. અને ઓક્ટો.-ડીસે. ૨૦૦૨, અંક - ૩-૪
Department of Vocal Music & Tabla			
1.	Ashtaputre A.V.	Ajrade Gharane ka Udbhav vikas our Visheshata	Sangeet Kala Vihar, Jan. 2003

III PAPERS PRESENTED AT INTERNATIONAL / NATIONAL / STATE LEVEL SEMINARS / CONFERENCE.

Sr. No.	Author(s)	Theme, Organizing Body, Place, and Date of Seminar/Conference	Title of Paper	Published/ Unpublished
Department of Drama				
1	Dabhade P.B.	1. Natya Seminar : National, Akhil Bhartiya Marathi Mahamandal and Marathi Vangmay Parishad 30&31/03/2003 Baroda.	પથનાટ્ય: સ્વરૂપ આણિ મહત્ત્વ	Unpublished
Department of Vocal Music & Tabla				
2.	Bhonsle D.K	2. M.G.I. Auditorium Mauritius. 19/06/2002.	Comparison of Compositions of Different Gharanas	Unpublished

IV TALKS OF ACADEMIC NATURE IN PROFESSIONAL PROGRAMMES

Sr. No.	Name (s)	Nature of Professional Programmes*	Title	Capacity of Participation
Department of Dramatics				
1.	Chavla A.P.	1. Lec-demo , Deptt. Of Russian Language Faculty of Arts. M.S.U. Baroda 16/08/2002	Art of Mime	Resource Person
		2. Lect-Demo, Deptt of Russian Language, Faculty of Arts, M.S.U., Baroda 21/09/2002	Paag, Pagdi, & Safa.	Resource Person
2.	Dabhade P. B.	1. Work Shop , Smt. H.P. Art & Commerce College, Karjan, 28&29/10/2002	Theatre Games in Acting	Resource Person
		2. Symposium: International Seminar Organised By N.S.D.& Bharat Rang Mahotsav, I.T.I.UNESCO 23to 27th March 2003	Curriculum Based Theatre training in coming decades.	Resource Person & Observer

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3. Shah M.C.	(1) Extra Mural Lecture at Music College, Sardar Patel University On 4/04/2002 & 5/02/2003	રસસિદ્ધાંત અને મંચન કલા અનુકરણવાદ- પ્લેટો અને એરિસ્ટોટલ	Invited talks Resource Person
	(2) Drama Workshop Organised by Gujarat University, Vidhya Sagar Tapovan .Tarangaji, Mahesana. 10-11/06/2002	એબ્સર્ડનાટકનાં દિગ્દર્શન કલા Stage Composition	Resource Person Resource Person
	(3) Inservice Training Course For Music Teachers Organised by Central School Baroda Govt. Of India. 1/06/2002 to 21/06/2002	"Theory of rasa and its relation to Art. 16/06/2002	Resource Person
	(4) Refresher course in Gujarati Organised by Deptt. of Gujarati , The M.S. University of Baroda. On 05/07/ 2002 to 15/07/2002	એસ્કાઈલસ કૃત 'એગેમેગનોન' ગ્રીક ટ્રેજેડી તરીકે એરિસ્ટોફેનિસનાં યુદ્ધ વિરોધી નાટકો	Resource Person Resource Person
	(5) Intensive Theatre Workshop Organised by Karjan Arts and Commerce College sponsored By U.G.C. at Karjan 28&29/10/2002	Building the Character	Resource Person
	(6) Balasinor Arts and Commerce College, Extra Mural Lecture, 11/02/ 2003	જીવનમાં નાટ્યનું મહત્વ	Invited Talks
4. Vyas H.D	(1) Inservice Training Course For Music Teachers Organised by Central School Baroda. Govt. Of India. 1/06/2002 to 21/06/2002 Lec. & Demo on 07/06/2002	Creative Dramatics For Children in Educational Institutes	Resource Person
	(2) Intensive Theatre Workshop Organised by Karjan Arts and Commerce College sponsored By U.G.C. at Karjan 28&29/10/2002	Voice cultivation and it's use in theatre	Resource Person
	(3) IVth National Conference Organised by "PRAGNYA PRAVAH" New Delhi for National Resurgence, Rambhav Mahalgi Kendra, Bhayander west Thane. 16 to 18/08/2002 Invited by Deptt. of H.D.F.S., Faculty of Home Science, 3rd – 5th Feb. 2003	National Resurgence Preparing Script and Visuals for adolescence sexuality education	Participant Resource person
Department of Inst. Music			
1. Gurav M. N.	Workshop on ' Practical Tabla Solo Playing	Solo Tabla Playing	Invited Talks

16. Faculty of Performing Arts

V. CONTRIBUTION IN CONDUCTING PROFESSIONAL PROGRAMME ASSISTANCE EXTENDED IN ADMINISTRATIVE /ACADEMIC PROGRAMME

Sr. No.	Name(s)	Programme(s) Place, Date(s)	Capacity of Participation
Department of Dance			
1.	Gangani J. S.	Solo Dance for "Kal Ke Kalakar" , by Student Hitesh Chauhan, at Ahmedabad, Nov, 2002	Conducted Programme as GURU, Appointed by Gujarat Sangeet Natak Academy
2.	Hajarnis J. M.	Dance Ballet,' Tatva Gatha' , Abhivyakti Sanskrutik Sthan, Baroda. 7/03/2003	Choreography and Direction.
Department of Drama			
1.	Mehta R.B.	Josh 03, Judge , in Mime and Mono Acting Competition 25/02/03	Judge
		Late Pravin Contractor Open Ekanki Natya Spardha, Nadiyad. 14/09/2002	Judge
2.	Modi Rakesh N.	Late Pravin Contractor Open Ekanki Natya Spardha, Nadiyad. 14/09/2002	Judge
3.	Shah M.C.	GEB Recreation Club Vanakbori Thermal Power Station organized Natya Spardha of Vanakbori, 20/21/22/Sept.2002	Judge
		Ellisbridge North Zone Yuvak Mahotsava, organized by Gujarat University, Sabarmati College, Ahmedabad.2&3/10/2002	Judge
		Mimicry Competition, Organised by S.P. University, 04/10/2002	Judge
		All India Postal Circle Short Play and Mono Acting Competition, Organised by Gujarat Circle Postal Sports Board, Baroda 26/10/2002	Judge
		Bajaj Rotary Volcano 2k2 One Act Mono Play Comp. , Organised By Rotary Club Himmatnagar, 28/12/2002	Judge
		Youth Welfare and Cultural Dept. Gujarat Govt. organised Mono Acting and One Act Play Comp. at 35th Youth Festival, Bilimora 02/01/2003	Judge
		30th Youth Festival Organised by South Gujarat University Mono Acting and One Act Play Comp., Vyara. 4&5/01/2003	Judge
4.	Upadhyay B. R.	NTPC, Hajira , A Cultural Programme by Faculty Of Performing Arts,19/01/2003	Team Leader
		'Josh 03' , The M.S. University, Youth Festival, Drama competition . 28/02/2003	Judge
5.	Vyas H.D.	All India Postal Circle Short Play and Mono Acting Competition, Organised by Gujarat Circle Postal sports Board. Baroda 26/10/2002	Judge
		'Josh 03' , The M.S. University, Youth Festival, 24/02/03 to 01/03/2003. Baroda	Convener

16. Faculty of Performing Arts

Department of Vocal Music & Tabla

- | | | | |
|----|--------------|---|---------------------|
| 1. | Bhonsle D.K. | Workshop for Teachers and Senior Students of M.G.I., MOKA, University of Mauritius. | Expert and External |
| | | Member, U.G.C. Committee, For Xth Plan. Hyderabad , Kolkata ,RavindraBharti. 10 to 24th June 2002 | Expert Member |
| | | ORBERO UNIVERSITY, School of Music.Sweden.Work-shop for students on Indian Classical and Folk Music. and Music Therapy. | Expert |
| 2. | Mahant B.K. | Western Sector Rajbhasha Sammelan Gujarat Refinery Baroda. 18/01/2003 | Coordinator |
| | | Festival Of Music, in Memory of Sangeet Ratna Mauwla Bukhsh, Faculty of performing Arts. Baroda 1&2/02/2003 | Coordinator |

Department of Inst. Music

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|----|----------------|--|------------------------|
| 1. | Bhanvaria N.K. | In-service Training Course For Music Teachers Organised Central School Baroda. By Govt. Of India. 15/06/2002 | Resource Person |
| 2. | Gurav M.N. | Workshop on "Scientific Tabla Playing" For Teachers of M.G.I. Moka, Mauritius. 11&12 /06/2002 | Resource Person |
| | | M.G.I. Auditorium 'Lecture Demonstration Tabla . 19/06/2002 | Invited Talk - Advisor |
| 3. | Ranade V.V. | In-service Training Course For Music Teachers Organised Central School Baroda. By Govt. Of India. 15/06/2002 | Resource Person |

VI. PARTICIPATION IN ACADEMIC BODIES OF UNIVERSITIES, OTHER THEN M.S.U. :

Sr. No.	Name(s)	Academic body of universities and Institutions	Participated as
Department of Drama			
1.	Dabhade P.B.	Board of Studies (Drama) Shivaji University, Kolhapur	Advisor
Dept of Vocal Music & tabla			
1.	Bhonsle D.K.	Faculty of Journalism and A.H. Performing Arts, Rajkot, Saurashtra University.	Expert, External Member,
Depts. Of Inst Music			
1.	Gurav M.N.	University of Mauritius	External Examiner

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VII PERFORMANCE BY INDIVIDUAL / GROUP

Sr. No.	Name(s)	Place and Date	Nature of Performance
Department of Dance			
1.	Gangani J. S.	Abhivyakti Center, Kirti Mandir, Baroda. 12/01/2003	Solo and Group performance
		Two days Kathak Festival- Abhivyakti 15&16-02-2003	Solo and Group performance
		KATHAK SAMAROH , Mumbai, 20-21/03/2003	Solo and Group performance
2.	Hajarnis J.M.	For Blind Girls School, Baroda, 13/10/2002	Composed & Choreographed
		For Bhikshuk Gruh Baroda, 29/10/2002	Garba, Composed & Choreographed
		For NTPC, Hajira, 19/01/2003	Dance, Composed & Choreographed
Dept of Drama			
1.	Chavla A.P.	Paag, Pagdi & Safa Exhibition. at Faculty of Performing Arts, MSU, Baroda 8,9.,10/04/2002.	One Man Exhibition
		Paag, Pagdi & Safa Exhibition , Hindola Festival, Swami Narayan Mandir , Baroda,2,3,4,&5/08/2002	One Man Exhibition
		Paag, Pagdi & Safa Exhibition , LuulaClasses Baroda.30/11/02 to 02/12/2002.	One Man Exhibition
		Paag, Pagdi & Safa Exhibition, Shravan Vidhyalaya Bharuch, 28/29/30 Dec. 2002	One Man Exhibition
		Paag, Pagdi & Safa Exhibition, National School Of Drama, Delhi 20th March to 27th March 2002	One Man Exhibition
		Designed Turban, "Three in One" Ganesh Festival Baroda.	Designer of Turban
		Mime Show – M.S.U. Staff Association, C.C. Mehta Auditorium Baroda. 21/09/2002	Mime Artist
		Mime Show – Lion Blind Girls Welfare Center Baroda- 13/10/2002	Mime Artist
		Mime Show – Baroda Citizen Council, World Aids Day- Baroda 1/12/2002	Mime Artist
2.	Dabhade P.B.	'Chaitai Dar Ughad'—Play presented at Street Play Workshop Organised by Akhil Bhartiya Marathi Natyamandal , Hotel Surya, Baroda.	Street Play
3.	Mehta R.B.	1. Gujarat Refinery, Rashtra Bhasha Seminar, Baroda 17/11/2002	Welcome 03 No Vesh—Script and Direction
		2. NTPC Hjira, Surat. 19/02/2003	Welcome 03 No Vesh—Script and Direction
		3. Faculty of Commerce M.S.University of Baroda , Baroda 09/02/2003.	Welcome 03 No Vesh—Script and Direction
		4. Bhavai Vesh , at Josh'03, The M.S.U. , Youth Festival Baroda. 04/03/2003	Josh'03Bhavai No Vesh—Script and Direction
		5. Recording for the AIR,Plays 'Hoholika & Shetal ne kanthe' National Programme.	Acting

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4. Modi R.N.	1.	Aakashvani, Baroda. 24/05/2002	Acting in "Aakash ni Dhul ane Dharti na Vadlo"
	2.	"Parnoo to eenej parnoo" Play Directed by Kirshna Nandi. Baroda. 19/12/2002	Light Arranger
	3.	A Full Length Radio Play For Aakashvani Ahmedabad "So Tach Sonu" Recording 15/03/2003	Radio play— Director and Actor
	4.	A Full Length Radio Play For Aakashvani Ahmedabad "Harijan Narsinh" 16/03/2003	Actor
5. Shah M.C.	1.	Lead Role in Broadcasted Play "Aakash ni Dhul ane Dharti na Vadal" at Aakashvani Organised Radio Natya Mahotsav, All India Broadcasting. 24/05/2002	Radio Play
	2.	Lead Role in play "TARPAN" directed by P.S.Chari and Written by Ravindra Parekh Organised by Gujarat Sangeet Natak Academy, V.M.C. and Triveni on World Theatre Day . 29/03/2003	Stage Performance
6. Upadhyay B.R.	(1)	Lead Role in play "TARPAN" directed by P.S.Chari and Written by Ravindra Parekh Organised by Gujarat Sangeet Natak Academy, V.M.C. and Triveni on World Theatre Day . 29/03/2003	Stage Performance – Acting
	(2)	A Full Length Radio Play For Aakashvani Ahmedabad "Shetal ne Kanthe" directed By Prof. M.J.Bhatt, Recording, 30/03/2003	Radio Play – Acting
	(3)	A Full Length Radio Play For Aakashvani Ahmedabad Recording of "Hoholika", Written by C.C. Mehta and Directed by Prof. M.J. Bhatt. 31/03/2003.	Radio Play –Acting
7. Vyas H.D.	1.	Translated "Paryavaran aakhyan" on the Subject of Agriculture by Dr. Balkrushana Joshi. Script submitted to All India Radio. Delhi. Broadcasted on 17/12/2002	Adaption of Bhavai in Hindi
	2.	"Geeta Jivan Granth" on Geeta Janyanti ,Aakashvani, Vadodara. 15/12/2002	Radio Talk
Dept of Vocal Music & tabla			
1. Ashtaputre A.V.	1.	Gujarat Sangeet Natak Academy Gandhinagar. 16/11/2002	Accompaniment with Smt.Meghna Ajay Ashtaputre, At Mahila Shastriya Samaroh.
Depts. Of Inst. Music			
1. Gurav M.N.		M.G.I. Auditorium – Mauritius 17/06/2002	Tabla Solo Performance "Stage-Performance"
2. Ranade V.V.	(1)	Festival Of Music in Memory of Ut. Mawla - bakhsh & Sufi Hazrat Inayat Khan ,Faculty of Performing Arts. 02/02/2003	Composed and conducted Orchestra of Instrumental Music.
	(2)	Programme for Lions Blind Girls Welfare Center, Mahatma Gandhi Nagar Gruh, Baroda	Composed and conducted Orchestra of Instrumental Music
	(3)	Modhera Festival , By Sangeet Natak Academy at Modhera – 20/01/2003, Vadodara—21/01/2003, Surat – 22/01/2003	Accompany with Nrutya bharti Dance Group A'Bad as Violinist .

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VIII STATE/NATIONAL/INTERNATIONAL AWARDS AND DISTINCTION OF ACADEMIC NATURE

Sr. No.	Name(s)	Description of Award	Contribution made by Recipient
Department of Drama			
1.	Dabhade P.B.	1. Best Stage Designer - For the Play "Ashi Pakhare Yeti" at Maharashtra Natya Spardha - New Delhi 10/10/2002	Set Designer
		2. "Guru" Nominated by Ministry of Culture & HRD, 10/10/2002	Awarded Scholarship To 3 Student.

IX. MEMBERS OF THE FACULTY

S.No.	Name	Designation	Area of Interest/Research
Dept of Dance			
1.	Prof.Dr. Shah Parul	Professor	Bharatnatyam
2.	Shri Gangani Harish S.	Reader	Kathak
3.	Shri Gangani Jagdish S.	Sr.Lecturer	Kathak
4.	Smt. Mehta Jyotsna R.	Lecturer	Kathak
5.	Smt Hajarnish Juthika M.	Lecturer	Bharatnatyam
6.	Shri Pillai Natrajan	Lecturer	Bharatnatyam
Dept of Drama			
1.	Dr. Mahesh Champaklal	Professor	Dramatics
2.	Shri Vyas Harish D	Reader	Dramatics
3.	Shri Chavla Awantilal P.	Reader	----
4.	Shri Dabhade Prabhakar B	Sr. Lecturer	Dramatics
5.	Shri Mehta Rajul B.	Instructor (Lecturer)	Dramatics
6.	Shri Modi Rakesh N	Sr.Lecturer	Dramatics
7.	Dr. Upadhyay Bhanuprasad R.	Lecturer	Dramatics
Dept of Indian Music (Vocal &Tabla)			
1.	Prof. Bhonsle D.K.	Professor	Vocal
2.	Kum Desai Shubhada L.	Reader	Vocal
3.	Pandit Ishwarchandra K.	Reader	Vocal
4.	Dr. Chaturvedi S.L.	Lecturer	Vocal
5.	Smt. Prabhune Lata S.	Lecturer	Vocal
6.	Shri Mahant Bharat I.	Lecturer	Vocal
7.	Shridhar Pushakar raj K.	Lecturer	Tabla
8.	Shri Mahant Balkrishana N.	Lecturer	Tabla
9.	Shri Ashtaputre Ajay V.	Lecturer	Tabla
10.	Shri Gandhi Anil R.	Lecturer	Tabla
Dept of Inst Music			
1.	Shri Ghanekar Nilkanth N.	Reader	Violin
2.	Shri Barodia Kamal M.	Reader	Sitar
3.	Shri Gurav Madhukar N.	Reader	Tabla
4.	Shri Bhanvaria Narayan K.	Reader	Sitar
5.	Shri Ranade Vibhas V.	Lecturer	Viloin
6.	Shri Pathan Ahmadraza S.	Lecturer	Sitar
7.	Shri Pendse C. M.	Lecturer	Tabla
8.	Dr. Mahisuri Rakesh J.	Lecturer	Violin

16. Faculty of Performing Arts

X. IMPORTANT EVENTS / ACTIVITIES OF THE FACULTY /UNIT.

Description of the Event	Date, Time & Place	Photographs attached (if any) with their description
Dept of Dance		
(1) Display of Kathak and Bharatnatyam Items at visit of U.G.C. committee –	20/02/2003	–
(2) Andha Kanya Shala – Dance Presentation	13/10/2002	–
(3) Bhikshuk Gruh Baroda. - - Dance Presentation.	29/10/2002	–
(4) Rajbhasha Sammelan, Gujarat refinery, Baroda. Dance presentation.	17/01/2003	–
(5) Seminar, Business Economics, Faculty of Commerce, M.S.U. baroda, Dance presentation.	09/02/2003	–
Dept of Drama		
Prof.C.C. Mehta Birth Anniversary celebration in collaboration with 'Akshra' .	06/04/2002, General Auditorium, 07.30 pm , Baroda	–
Dept of Inst. Music		
1. Exhibition of Diff. Instruments at the visit of U.G.C. committee. & Orchestra Presentation	20/02/2003, Faculty Room no. 11.& Playbox	–
2. Dept Prog. For Andh Kanya Shala. Orchestra Presentation	13/10/2002 Gandhinagar Gruh, Baroda.	–
3. Prog. For NTPC Orchestra Presentation	19/01/2003, Hajira, Surat.	–

XI. NEW COURSES INTRODUCED / APPROVED

Department of Dance : Revised course for U.G., P.G. & Diploma

Dept. of Music (Vocal & Tabla) : New Syllabus for Degree and Diploma in Music Vocal & Tabla introduces & approved as per U.G.C. guideline.

Dept. of Inst. Music : New Syllabus for Degree and diploma in Inst. Music, Introduces & approved as per U.G.C. guide line.

Dept. of Drama : New Syllabus for Degree and diploma as per U.G.C. guide line.

17. Faculty of Management Studies

II. PUBLISHED ARTICLES AND PAPERS IN JOURNAL(S)/ EDITED VOLUMES:

Sr. No.	Author(s)	Title	Name of the Journal, Volume Number, Page Numbers, Month and Year
1.	Sundararajan, S.	'Implied Liquidity Premiums in the Inter-Bank Money Market'	The Indian Economic Journal, vol. 50, no. 1, July-September 2002.
2.	Kantawala, A. S.	Impact of Income-Tax Reforms with Special Reference to Companies.	Pratibimba, vol. 2, issue 2, pp. 13-26, July-December, 2002,

III. PAPERS PRESENTED AT PROFESSIONAL LEVEL SEMINARS/ CONFERENCES, ETC.:

Sr. No.	Author(s)	Theme, Organizing Body, Place and Date of Seminar/ Conference	Title of Paper	Published/ Unpublished
1.	Sharma S. U.	3 rd International Conference on Corporate Governance organized by FICCI and IOD at New Delhi, FICCI Auditorium on 28 th and 29 th September, 2002	Corporate Governance: The Stakeholder Issues	Published in a book by Centre for Corporate Governance, London, pp. 65-71, September, 2002.

IV TALKS OF ACADEMIC NATURE IN PROFESSIONAL PROGRAMMES:

Sr.No.	Author(s)	Nature of Professional Programmes	Title	Participated as
1.	Sundararajan, S.	International Exchange Programme, University of Wisconsin, Whitewater, U.S.A., August 2001 to May 2002.	International Exchange Programme	Faculty
		S.P. Jain Institute of Management and Research, Mumbai, January 21 to 25, 2003.	PG Programme	Faculty
		Railway Staff College, Vadodara, March 17, 2003 "Finance For Non-Finance Officers"	Training Programme	Resource Person
2.	Sarupria D S	UGC Guest Lecture at Department of Research Methodology and Interdisciplinary Studies, South Gujarat University, January 24, 2003.	Planning and Designing HRD activities and Role of CEO in HRD	Resource Person
		Postal Training Institute, Vadodara, Nov. 15, 2002.	Personality Development	Resource Person

6. Faculty of Management Studies

3. Kantawala A. S.	Special lecture for the students of Master of Business Economics. 16.8.2002.	Non-Banking Financial Companies	Delivered Special Lecture
	Refresher course at Academic Staff College, Saurashtra University, Rajkot. Dt. - 3-10-02 and 4-10-02	Asset-Liability Management	Resource Person
	Finance for Non-Finance Officers organized by Railway Staff College, Vadodara. 17-3-2003 and 19-3-2003	Interpretation of Financial Statements.	Resource Person
	Refresher course in commerce, accountancy and management organized at Vallabh Vidyanagar. 8-3-2003.	Project Appraisal	
	Invited to engage few sessions on MANAC-II by Gordhanbhai Hathibhai Patel Post Graduate Institute of Business Management, M.B.A. Programme, Sardar Patel University, Vallabh Vidyanagar. 20-3-2003.	Asset-Liability Management	Resource Person
4. Dholakiya M. N.	Refresher course in Commerce, Accountancy and Management organized at Vallabh Vidyanagar (Sardar Patel University).	Budgeting and Contemporary Issues in Management Accounting	
	Refresher course in Commerce, Accountancy and Management organized at Vallabh Vidyanagar (Sardar Patel University).	Strategic Knowledge Management	Resource Person and Chief Guest at the Valedictory Session
	Workshop on Managerial Skills for the Chief Minister's Office 22-11-2002	22-3-2003	Expert Speaker
	Workshop on Managerial Skills for the Chief Minister's Office 22-11-2002	Change Management	Expert Speaker
	National Convention on VISION 2015: A Competitive India Inc. January 17 and 18, 2003	Challenges of Globalisation before India Inc.	Expert Speaker
SK Patel Institute of Management, Gandhinagar Seminar on Management Strategies and Globalising World 13-8-02	Management Education in the Changing Scenario	Expert Speaker	

17. Faculty of Management Studies

V. CONTRIBUTION IN CONDUCTING PROFESSIONAL PROGRAMMES/ ASSISTANCE EXTENDED IN ADMINISTRATIVE/ ACADEMIC PROGRAMMES:

Sr.No.	Name(s)	Programme(s), Place and Date(s)	Participated as
1.	Sundararajan, S.	UGC sponsored state level seminar on "Capital Market: Present Scenario and Future Prospects", at B.J. Commerce College, Vallabh Vidyanagar, September, 2002.	Chairperson, Technical Session
2.	Sundararajan, S.	Refresher Course in Commerce, Accountancy and Management, held at Post-graduate Department of Business Studies, S.P.University, Vallabh Vidyanagar, February 27, 2003.	Resource Person
3.	Sarupria D S	Entrepreneurship Development: Training for Trainers. By National Foundation for Teaching Entrepreneurship, New York, USA March 3 to 8, 2003.	Participant
4.	Dholakiya M. N	Asia Pacific Conference on Materials and Supply Chain Management 11-12 October, 2002	Conference/ Convention Director
5.	Kantawala A.S.	Baroda Branch of WIRC of ICAI, Seminar 24 th August, 2002.	Participant

VI. PARTICIPATION IN ACADEMIC BODIES OF UNIVERSITIES, OTHER THAN M.S.U.

Sr.No.	Name(s)	Academic Body of Universities/ Institution and Place	Participated as
1.	Sarupria D S	UGC-NET	Resource Person
2.	Maheshwari G C	UGC -NET March, 2003	Member, Expert Evaluation Council on Management
		NCERT Ongoing	Member, Work Group on Text Book in Accountancy
3.	Joshi K. M	Board of Management/ Syndicate, Babasaheb Ambedkar University Member	
		Selection Committees for Management Teachers (Professors, readers and Lecturers) at : * North Gujarat University * South Gujarat University * Saurashtra University * Babasaheb Ambedkar University Chancellor's Nominee	

6. Faculty of Management Studies

5. Dholakiya M. N	Memberships on Boards of Studies in Management of:	Member
	<ul style="list-style-type: none"> * North Maharashtra University, Jalgaon * South Gujarat University, Surat * North Gujarat University, Patan * Member- Governing Board, N V Patel College, Sardar Patel University * Indian Institute of Materials Management 	
	Member of the Expert Team to assess Equivalence of PGDBA Programmes of Institutions – ASSOCIATION OF INDIAN UNIVERSITIES	Expert Member

IX. MEMBERS OF THE FACULTY

Sr.No.	Name(s) beginning with Surname (Dr. /Mr. Ms.)	Designation	Area of Interest/Research
1.	Dholakiya M.K.	Professor	Business Policy
2.	Maheshwari G.C.	Professor	Account & Finance
3.	Joshi K.M.	Professor	Economics Finance
4.	Sundararajan S.	Reader	Finance
5.	Jadiya J. D.	Reader	Marketing
6.	Sanupriy D.S.	Reader	Org. Behaviour & HRD
7.	Kantawala A.S.	Reader	finance Project/ Manag.
8.	Sharma S.U.	Lecturer	HRD and Corporate Government

X. IMPORTANT EVENTS/ACTIVITIES OF THE FACULTY /UNIT

Description of the Event	Date, Time & Place	Photographs attached (in any with their description)
National Seminar "Competitive Strategies in the Globalisation Era	9.00 am -6.00 p.m. 18-19 October 2002 Hotel Tropicana (Taj residency Vadodara	Attached

**XII. CURRICULUM UPGRADATION
(b) Options Offered**

1. Financial Management
2. Marketing Management
3. Human Resource Management
4. Information systems Management

**XIII ADDITIONAL FACILITIES CREATED IN TERMS OF
(A) Equipment**

1. Augmentation of the computer laboratory with campus wide (Cortary: Baroda Net -Internet Connectivity
2. Access to Online Library Resource-EBSCO Host giving full text access to over 1000 Business and Management

17. Faculty of Management Studies

Journals

XIV. DISTINGUISHED VISITORS AT DEPARTMENT /FACULTY

Sr. No.	Name with Full Address	Designation	Date(s) of Visit	Purpose
1.	Prof. A. Murti State University of California Stanislaus U.S.A.	Professor	6.-7 January 2003	Interaction with teachers and students
2.	Mrs. Nehal Medh Vice-President	Vice-President AC Nielsen ORG Marg	4 January 2003	Communication Strategy Brand Building
3.	Mr. S. Mistry	Manager, Deloitte Touche & Tornmatsu	12 Sept. 2002	Change Management

XVII. PROGRAMMES OF COMMUNITY OUTREACH AT DEPTT./FACULTY.

Students worked with local NGO engaged in community outreach and social science on communication strategies.
Institutions with whom we have interface:

- * Baroda Citizens Council
- * United way of Baroda
- * Action India
- * Baroda/Ahmedabad Management Association

18. Faculty of Journalism & Communication

I (A) PUBLISHED BOOKS (B) MONOGRAPHS (C) EDITED VOLUMES (D) OTHERS

Sr. No.	Author (s)	Title	Details of Publication
1.	Tewari S. K.	Press Council of India	Publisher : Parichay Trust Mumbai February 2003 Pages 32 (Financial assistance by Janmbhoomi, Gujarati daily, Mumbai). Marketed by : Navjeevan Trust, Ahmedabad.

III PAPERS PRESENTED AT INTERNATIONAL/STATE LEVEL SEMINARS/CONFERENCES, ETC.

Sr. No.	Author (s)	Theme, Organizing Body, Place and Date of Seminar/Conference	Title of Paper	Published/ Unpublished
	Shelat M.U.	International Seminar on Immigration to Canada Organised by Centre for Canadian Studies and Women Studies Centre, M.S. University of Baroda, Vadodara 16 January to 18 January 2003.	Split Screen : Work of Indo- Canadian Film Makers	Unpublished

IV TALKS OF ACADEMIC NATURE IN PROFESSIONAL PROGRAMMES

Sr. No.	Name (s)	Nature of Professional Programmes	Title	Participated as
1.	Tewari, S.K.	PG Diploma Students of Journalism and Mass Communication South Gujarat University, Surat 27 November 2002.	Press Council of India	Invited talk
		P.G. Diploma Students of Mass Communication, Jaipuria Institute of Management, Lucknow 28 October 2002	Concept of Media Freedom parliamentary privileges and the press.	Invited talk
2.	Shelat M.U.	Intensive Training Programme for Gazetted Railway officers Railway Staff college, Vadodara 21 January 2003.	Gender Sensitisation	Resource Person
		Training workshop for doctors organized by Ambalal Sarabhai Foundation, Indian Hospital Association, Vadodara October 1, 2002.	Need for public relations in health-care organisations	Resource Person
		Workshop on Media and Gender Sensitisation, Women Studies Research Centre, M.S. University of Baroda, March, 21, 22 2003.	Media and Gender	Speaker

V. CONTRIBUTION IN CONDUCTING PROFESSIONAL PROGRAMME/ASSISTANCE EXTENDED IN ADMINISTRATIVE/ACADEMIC PROGRAMMES :

Sr. No.	Name (s)	Programme(s), Place and Date(s)	Participated as
1.	Shelat M.U.	Preparation of Sexuality Education Modules, Deptt. of Human Development and Family Studies, M.S. University of Baroda 3 to 6 February 2003.	Resource person for workshop

18. Faculty of Journalism & Communication

2. Shelat M.U. & Chopra N.A.	Workshop collaboration with United Way of Baroda in Baroda on 19 December 2002 Funding : United States Department of State and Assistance : College of Mass Comm. and Media Arts, southern Illinois University, USA.	Co-ordinator Assistant Facilitator
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VI. PARTICIPATION IN ACADEMIC BODIES OF UNIVERSITIES, OTHER THAN M.S.U. :

Sr. No.	Name (s)	Academic body of Universities/Institution and Place	Participated as
1.	Tewari S.K.	Research Degree Committee in the subject of Journalism, Rani Durgavati University, Jabalpur, M.P. 29 July 2002.	Member
		Curriculum Development committee on Broadcast/ Journalism, Makhan Lal Chaturvedi University of Journalism, Bhopal, 8 and 9 August 2002.	Member
		Committee for revising the course contents of post graduate diploma course in Journalism and Mass Communication, IGNOU, New Delhi, 5 March 2003.	Member
		Preparation of dictionary of words relating to Film and Television, Ministry of Human Resource, Government of India. Meeting held at NOIDA 20 to 29 January 2003.	Expert Member
2.	Shelta, M.U.	Amrit Vidyalaya, Kalol, 17 September 2002 Workshop for children for developing their own 'on-line magazine' Amrit Patrika.	Participant
3.	Chopra N.A.	Workshop on research methodology in Social Sciences, CASE, Faculty of Education and Psychology, M.S. University of Baroda Oct. 13, 2002.	Participant

IX MEMBERS OF THE FACULTY

Sr.	Name(s)	Designation	Area of Interest/Research
1.	Tewari S. K.	Professor	Media Freedom, Media Law and Ethics, Print Media.
2.	Shelat M.U.	Sr. Lecturer	Development Support Communication.
3.	Chopra N.A.	Sr. Lecturer	Broadcast Media in Education.

XIV. DISTINGUISHED VISITORS AT DEPARTMENTS/FACULTY

Sr.	Name(s)	Designation	Date(s) of Visit	Purpose
1.	Marco Sagurna Elswasser Hannover, Germany	Editor Elswasser Germany	Nov. 26, 2002	Lecture followed by discussion with students.
2.	Rajeev Khanna British Broadcasting Corporation Ahmedabad	BBC Reporter, Ahmedabad	Feb. 26, 2003	Lecture

18. Faculty of Journalism & Communication

- | | | | |
|--|-----------|----------------|---------|
| 3. Sergel Granger,
Universite du Quebec
a Montreal | Professor | March 13, 2003 | Lecture |
|--|-----------|----------------|---------|

XV. ACADEMIC PROGRAMMES ORGANISED BY DEPTT./FACULTY

Name of Programme	Department	State/National/International	Funding Agency
Workshop on "Interfacing with the Media : Projecting the Right Image" in collaboration with United Way, Baroda December 19, 2002	Department of Journalism and Communication	State Level	United States Department of States and College of Mass Comm. and Media Arts, Southern Illinois University, Carbondale, USA.

XVI. OTHER PROGRAMMES OF ACADEMIC SIGNIFICANCE AT DEPTT./FACULTY

1. Students were exposed to good cinema and documentaries through film shows and film appreciation sessions. The films included 'Bend it Like Beckham', 'Life is Beautiful', 'Things We Carry', etc.
2. Training programme in electronic news production for MCS students organised at Eenadu Television, Ahmedabad from 1 to 15 December 2002.
3. Radio Production Workshop held from 26 to 28 December 2002.
4. Visit of MCS students to Gujarat Samachar, Vadodara on 20 January 2003.
5. Publication of Faculty lab journal "Itivrut".

XVII. PROGRAMMES FOR COMMUNITY OUTREACH AT DEPTT./FACULTY

1. 'Seventy Five Years of Radio'. Felicitation of AIR Vadodara station Director, Mr. Bhagirath Pandya at the Faculty of Journalism and Communication followed by a talk by him and performances by MCS students.
2. Theatre workshop by Mr. P. Chari from 28 to 30, January 2003.
3. Photo journalism workshop by Mr. Sadique Saiyad from 4 to 6, March 2003.
4. Participation of MCS students in 'Gender and Media' workshop at WSRC, M.S. University of Baroda from 21 to 22, March 2003.

XVIII. ACHIEVEMENTS/HONOURS/AWARDS

(C) STUDENTS

Name of Programme	Department	State/National/International	Funding Agency
Students of MCS (First Year)	Journalism and Communication	Participation in national festival organised by symbiosis Institute of Mass Communication.	Drama group achieved seventh position.

19. Polytechnic

III PAPERS PRESENTED AT INTERNATIONAL/NATIONAL/STATE LEVEL SEMINARS/CONFERENCES.

Sr. No.	Author(s)	Theme, Organizing Body, Place and date if Seminar /Conference	Title of Paper	Published/ Unpublished
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DEPARTMENT OF CIVIL ENGINEERING :

1.	Bhatt Hardik V. & Dhamecha Hitesh V.	Natioanal Seminar "on Urban Air Pollution : Issues and Solutions" at Vasvik Auditorium, Institutet of Engineers (I) Baroda by Indian Association for Air Pollution Control, Baroda Chapter on 22 nd March 2003.	"Monitoring and Controlling Urban Air pollution in India"	Published
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DEPARTMENT OF ELECTRICAL ENGINEERING :

1.	J.D. Wadhwa	National Seminar on Energy Management and Optimization in Chemical, Mechanical & Electrical Industries organized by Dr. C.V. Raman Inst. Of Technology, Nagpur & The Inst. Of Engineers (Nagpur) at Nagpur on February 11-12-2003.	Electronic Ballast – An Energy Conserver Energy Auditing in Industry	Published
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IV TALKS OF ACADEMIC NATURE IN PROFESSIONAL PROGRAMME

Sr. No.	Name(s)	Nature of Professional programmes	Title	Participated as
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DEPARTMENT OF CIVIL ENGINEERING :

1.	Bhatti G.H.	National Seminar held at Faculty of Social work on 24 th & 25 th March 2003.	Development of SC/ST in Indian Society, Issues & challenges.	Invited Talks
		Govt. Scheme to promote Environmental Education in School. T.R. Patel School, Sardar Nagar, Vadoara.	Water Management	Invited Talks
2.	Bhatt V.S.	One day seminar on "Integration of Human value in Technical Education" organised by ISTE Centre at Chemical Engg. Deptt. Auditorium 25-8-02 Faculty of Technology & Engineering, The M.S. Univerity of Baroda		Participant
		One day seminar on "Role of Technical Education for Sustainable Development" by ISTE at A.D. Patel Institute of Tech. New Vallabh Vidhyanagar		Participant
3.	Dalwani R.U.	Summar School (AICTE) (13-5-02 to 25-5-02)	1) Mitigating Natural & Amnthropagenic Disasters	Participant
		Winter School (AICTE) (25-11-02 to 6-12-02)	2) Urban Infrastructure Planning & Management	Participant

19. Polytechnic

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|----|-------------|---|--|-------------|
| 3. | Bhatti H.V. | 3) Winter School (AICTE) (9-12-02 to 20-12-02) DDIT, Nadiad. | 3) Environmental, Friendly Participant Transportation Planning | |
| | | 1) One day seminar organised by ISTE Chapter, Faculty of Tech. & Engg. & Polytechnic, The M.S.U. Baroda, Vadodara with Inst. of Engg., Vadodara at Fac. Of Tech. & Engg. Vadodara on 25-8-02. | 1) Integration of Human Values in Technical Education | Participant |
| | | 2) VII Annual Convention of ISTE, Gujarat Section & One Day Seminar at A.D. Patel Inst. of Tech. New Vallabh Vidhyanagar on 13-10-02. | 2) Role of Technical Education for Sustainable Development | Participant |
| | | 3) Two weeks Winter School (STTP) organised by D.C. Patel School of Architecture, A.P.I.E.D. Vallabh Vidhyanagar approved by AICTE & ISTE, New Delhi from 25-11-02 to 6-12-02 | 3) Urban Infrastructure Planning & Management | Participant |
| 4 | Dave S.M. | 4) Two weeks Winter School (STTP) organised by Deptt. of Civil Engg., D.D. Institute of Tech., Nadiad approved by AICTE & ISTE, New Delhi from 9-12-02 to 20-12-02 | 4) Environmental Friendly Transportaiton Planning (EnTra-2002) | Participant |
| | | 1) Two weeks Winter School (STTP) organised by D.C. Patel School of Architecture, A.P.I.E.D. Vallabh Vidhyanagar approved by AICTE & ISTE, New Delhi from 25-11-02 to 6-12-02 | 1) Urban Infrastructure Planning & Management | Participant |
| | | 2) Two weeks Winter School (STTP) organised by Deptt. of Civil Engg., D.D. Institute of Tech., Nadiad approved by AICTE & ISTE, New Delhi from 9-12-02 to 20-12-02 | 2) Environmental Friendly Transportaiton Planning (EnTra-2002) | Participant |

DEPARTMENT OF ELECTRICAL ENGINEERING :

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|----|-------------|------------------|---|-------------|
| 1. | V.S. Patel | Refresher Course | Exam Reforms UGC Silver Jubilee Programme | Participant |
| 2 | J.D. Wadhwa | Refresher Course | —do— | Participant |
| 3. | Patel V.S. | Showcase 2003 | CIILP | Participant |

DEPARTMENT OF MECHANICAL ENGINEERING :

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|----|----------|--|------------------------------------|---|
| 1. | Das A.A. | Short term training programme entitled "WORLD CLASS MANUFACTURING" Sponsored by AICTE & ISTE conducted by Polytechnic, Baroda for lecturers from 14-10-02 to 25-10-02. | "Manufacturing Resources Planning" | Faculty and resources Perosn for the title. |
|----|----------|--|------------------------------------|---|

19. Polytechnic

V **CONTRIBUTION IN CONDUCTING PROFESSIONAL PROGRAMME ASSISTANCE EXTENDED IN ADMINISTRATIVE /ACADEMIC PROGRAMMES**

Sr. No.	Name(s)	Programme(s), Place, Date	Participated as
DEPARTMENT OF CIVIL ENGINEERING :			
1.	G.H. Bhatti	One day seminar on "Integration of Human value in Technical Education" organised by ISTE Centre at Chemical Engg. Deptt. Auditorium 25-8-02 Faculty of Technology & Engineering, The M.S. University of Baroda	Participant
		One day seminar on "Role of Technical Education for Sustainable Development" by ISTE at A.D. Patel Institute of Tech. New Vallabh Vidhyanagar	Participant
DEPARTMENT OF ELECTRICAL ENGINEERING :			
1.	Wadhwa J. D.	Winter School (2 Weeks) on High Voltage Engineering – Diagnostics & Condition Monitoring at Polytechnic, M.S. University of Baroda, Vadodara. 11.11.2002 to 22.11.2002,	Co-ordinator
DEPARTMENT OF MECHANICAL ENGINEERING :			
1.	Patel J.T.	ISTE State convention National Seminar on "Sustainable Tech. Education" conducted by A.D. Patel College of Engg. & Tech., V.V. Nagar on 13-10-02.	Secretary
2.	Bhavar K.M. Das A.A.	Short term training programme entitled "WORLD CLASS MANUFACTURING" Sponsored by AICTE & ISTE conducted by Polytechnic, Baroda for lecturers from 14-10-02 to 25-10-02.	Co-ordinator
3.	Rao P.P., Sheth B.J. Mistry T.R. Patel G.M. Solanki G.N. Talati S.R. Chavda K.H. Parmar V.M. Barodia S.P.	Short term training programme entitled "WORLD CLASS MANUFACTURING" Sponsored by AICTE & ISTE conducted by Polytechnic, Baroda for lecturers from 14-10-02 to 25-10-02.	Participant
4.	Parmar V.M.	1) N.C.C. Officer, 1 Guj. Compo. Tech. Rgt., Polytechnic 2) Board of Studies, Mech. Engg. Deptt. Polytechnic and Fac. Of Tech. & Engg.	Taking care of N.C.C. cadets in Polytechnic and Faculty of Tech. & Engg. Member of Board of Studies
DEPARTMENT OF PETROCHEMICALS TECHNOLOGY:			
1.	Sheth P.R.	CAD in Chemical Engg. Nirmal Institute of Dip. Studies, Ahmedabad 21-10-2002 to 2-11-2002.	Participant & Delegate

19. Polytechnic

VI PARTICIPATION IN ACADEMIC BODIES OF UNIVERSITIES, OTHER THAN MSU

Sr. No.	Name (s)	Academic body of Universities / Institution and Place	Participated as
DEPARTMENT OF CIVIL ENGINEERING :			
1.	Rathod P.M.	National Seminar on Urban Air Pollution : Issues and Solutions at Vasvik Auditorium, Institute of Engineers(1) on 22-3-2003	Participant
2	Mistry S.N.	Winter School (STTP) on Urban Infrastructure – planning and Management. C.D. Patel School of Architecture APIED, V.V. Nagar.	Participant
		Winter School (STTP) on “Environmental Friendly Transportation Planning” Deptt. of Civil Engg., Dharamisinl Desai Institute of Tech., Nadiad.	Participant
2	Vyas S.K.	Role of Technical Education for Sustainable Development one day seminar of ISTE 7 th Annual convention of ISTE.	Participant
		Winter School (STTP) on Urban Infrastructure – planning and Management. C.D. Patel School of Architecture APIED, V.V. Nagar.	Participant
		Winter School (STTP) on “Environmental Friendly Transportaiton Planning” Deptt. of Civil Engg., Dharamisinl Desai Institute of Tech., Nadiad.	Participant
DEPARTMENT OF MECHANICAL ENGINEERING :			
1.	Patel J.T.	32rd ISTE (AICTE) National Convention “NAMM Ist. of Tech.” Nitte, Karnataka. 27 th Dec. 2002	Panel Member of Selection of Summer/ Winter funded by AICTE

VIII 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 MECHANICAL ENGINEERING :			
1.	Bhavsar K.M.	Charutar Vidhya Mandal, Vallabh Vidhyan Nagar, Gujarat. Best Polytechnic Teacher in Gujarat State for year 2002 (ISTE Award)	Organizing and conducting various activities for students members & staff members at Polytechnic level i.e. for Academic community.

IX. MEMBERS OF FACULTIES

Sr. No.	Name (beginning with Surname) (Dr. /Mr. / Mrs. / Ms.)	Designation	Area of Interest / Research
DEPARTMENT OF APPLIED MECHANICS			
1	Mr. Pathak H.V.	Lecturer	Structures
2	Mr. Bhagwat S.T.	Lecturer	Structures
3	Mr. Pandya P.H.	Lecturer	Geotechnique
4	Mr. Marathe M.V.	Lecturer	Structures
5	Mr. Amin P.J.	Lecturer	Geotechnique and Structures
6	Ms. Ghelani D.S.	Lecturer	Geotechnique and Structures
7	Mr. Patel S.M. (HSC)	Lecturer	Geotechnique and Structures
DEPARTMENT OF APPLIED CHEMISTRY			
1	Mrs. Mary Yohannan	Lecturer	
2	Dr. R.R. Darji	Lecturer	
DEPARTMENT OF CIVIL ENGINEERING			
1	Mr. Somani N.K.	Lecturer	Hydraulic Structures
2	Mr. Patel M.M.	Lecturer	Irrigation and Water Management
3	Mr. Bhavsar K.N.	Lecturer	—
4	Mr. Rathod P.M.	Lecturer	Environmental Engg.
5	Mr. Bhatt V.S.	Lecturer	Irrigation and Water Management
6	Mr. Bhatti G.H. (HSC)	Lecturer	Irrigation and Water Management
7	Mr. Dalwani R.U.	Lecturer	Environmental Engg.
8	Mr. Bhatt H.V.	Lecturer	Highway & Transport Engg.
9	Mr. Dave S.M.	Lecturer	Highway & Transport Engg.
10	Mr. Mistry S.N.	Lecturer	Hydraulic Structures
11	Mr. Vyas S.K.	Lecturer	Highway & Transport Engg.
DEPARTMENT OF INDUSTRIAL ORGANISATION			
1	Mr. Mohite J.R.	Lecturer	
DEPARTMENT OF ELECTRICAL ENGINEERING :			
1	Mr. Dave B.P.	Lecturer	Industrial Electronics, Power Electronics & Microprocessors
2	Mr. Patel V.S.	Lecturer	Electrical Machines & Switchgear and Protection
3	Mr. Patel R.A.	Lecturer	Electrical Machines
4	Mr. Patel M. M.	Lecturer	Instrumentation & Communication
5	Mr. Patel B.M.	Lecturer	Instrumentation & Computer Software
6	Mr. Khiste S.B.	Lecturer	Industrial Electronics & Microprocessors
7	Mr. Mehta K.R.	Lecturer	Electronics and Computer Hardware
8	Mr. Mistry A.K.	Lecturer	Electrical Measuring Instruments & Electrical Power

19. Polytechnic

9	Mr. Patel D.M. (HSC)	Lecturer	Industrial Electronics
10	Mr. Chauhan S.J.	Lecturer	Computer Software, Power Susytems.
11	Mr. Wadhwa J.D.	Lecturer	Electrical Power & Electrical Machines

DEPARTMENT OF MATHEMATICS :

1	Dr. R.K. Patel	Lecturer	Mathematics
2	Mrs. (Dr.) D.N. Wani	Lecturer	"
3	Mr. V.A. Bhatt	Lecturer	"
4	Mr. R.B. Shah	Lecturer	"

DEPARTMENT OF MECHANICAL ENGINEERING :

1	V.S. Shah	Lecturer	Mech. Engg.
2	B.Z. Patel	Lecturer	"
3	S.S. Gokhale	Lecturer	"
4	Smt. S.P. Barodia	Lecturer	"
5	K.M. Bhavsar	Lecturer	"
6	B.J. Sheth	Lecturer	"
7	V.M. Parmar	Lecturer	"
8	G.N. Solanki	Lecturer	"
9	G.M. Patel	Lecturer	"
10	A.A. Das	Lecturer	"
11	T.R. Mistry	Lecturer	"
12	S.R. Talati	Lecturer	"
13	D.B. Parikh	Lecturer	"
14	K.H. Chawda	Lecturer	"
15	R.D. Kaka	Lecturer	"
16	N.S. Shah	Lecturer	"
17	C.C. Suthar	Lecturer	"
18	S.C. Shah	Lecturer	"
19	J.T. Patel	Lecturer	"
20	D.N. Panchal	Lecturer	"
21	N.K. Patel	Lecturer	"
22	P.P. Rao	Lecturer	"
23	D.S. Patel (HSC)	Lecturer	"

DEPARTMENT OF APPLIED PHYSICS :

1	Mr. Kher V.H.	Lecturer	Thin film technology and computer science
2	Mr. Gadkari M.S.	Lecturer	Experimental Nuclear Physics

DEPARTMENT OF PETROCHEMICAL TECHNOLOGY :

1	Mr. Shah R.J.	Lecturer	Chem Engg.
2	Mr. Gandhi D.J.	Lecturer	Chem Engg.
3	Mr. Gadhavi S.J.	Lecturer	Chem Engg.
4	Mr. Agrawal K.S.	Lecturer	Chem Engg.
5	Mr. Patel M.I.	Lecturer	Chem Engg.
6	Mr. Sheth P.R.	Lecturer	Chem Engg.
7	Mr. Thakkar D.P.	Lecturer	Chem Engg.
8	Mr. Padmanabhan K.	Lecturer	Chem Engg.

X IMPORTANT EVENTS/ACTIVITIES OF THE DEPARTMENT - FACULTY / UNIT

Description of the event	Date, Time & Place
DEPARTMENT OF ELECTRICAL ENGINEERING	
AICTE & ISTE sponsored Short Term Training Programme conducted on High Voltage Engineering Diagnostics & Condition Monitoring	From 11-11-02 to 22-11-02 in Polytechnic College.
DEPARTMENT OF MECHANICAL ENGINEERING	
Campus Interviews and Recruitment for Diploma Students	1) L & T Ltd. 14-4-02 2) CAD CAM Ltd. 20-4-02 3) Dhaval Enterprise 27-4-02 4) Gujarat Glass Ltd. 27-7-02 (Total 20 students recruited from campus interviews).
AICTE & ISTE sponsored Short Term Training Programme conducted on World Class Manufacturing	From 14-10-02 to 25-10-02 in Polytechnic College.

XVIII ACHIEVEMENTS/HONOURS/AWARDS

Sr. No.	Name(s)	State/National/International	Nature of Achievement
DEPARTMENT OF ELECTRICAL ENGINEERING :			
1.	Wadhwa J.D.	Merit award for the year 2002 given by The Society of Power Engineers (India), Vadodara Chapter	Organised Short-term Training Programme (2 Weeks) on High Voltage Engineering - Diagnostics & Condition Monitoring for Teacher and Engineers working in field.

20. Baroda Sanskrit Mahavidyalaya

III PAPERS PRESENTED AT PROFESSIONAL LEVEL SEMINARS/CONFERENCES, ETC

Sr. No.	Author (s)	Theme, Organizer's Name, Place and Date of Seminar/Conference etc.	Title of Paper	Published/ Unpublished
Department of Traditional Sanskrit Studies				
1.	Pandya K.K.	Jyotish Shastra BSM, MSU, Vadodara 13 March to 15 March	Panchm Bhav Shinghasth Guru Kal - Sharp	Unpublished
2.	Shukla R.A.	Gujarat Rajya University Adhyapaka Mandal, Dwaraka Sanskrit Academic 14-15 March, 03	Purananam Gananakrame Vaignanikam Rasashyam	Unpublished

IV TALKS OF ACADEMIC NATURE GIVEN IN PROFESSIONAL PROGRAMMES (TO BE PRECISE):

Sr. No.	Name(s)	Nature of Professional Programmes*	Title	Participated as**
Department of Traditional Sanskrit Studies				
1.	Oza Y.B.	Vedanta Discourse Pratap rudra Hanuman Trust	Shiv mahumna of Pushpadnt under the light of Madhushudan Saraswati	Speaker

V CONTRIBUTION IN CONDUCTING PROFESSIONAL PROGRAMMES / ASSISTANCE EXTENDED IN ADMINISTRATIVE/ACADEMIC PROGRAMMES :

Sr. No.	Name(s)	Programme(s), Place and Date(s)*	Participated as**
Department of Traditional Sanskrit Studies			
1.	Pandya H.M.	Refresher Course 2002-03 (Between 6.1.03 to 29.1.02)	Co-ordinator
2.	Vijayraghavan V.S.	Refresher Course 2002-03 (Between 6.1.03 to 29.1.02)	Asst. Co-ordinator

XI. NEW COURSES INTRODUCED/APPROVED :

Yagniki and Vastu introduce in UG/PG level

ADDITIONAL FACILITIES CREATED IN TERMS OF

(A) Equipment

1. Cannon Xerox Machine from the Development Fund

XV. ACADEMIC PROGRAMMES ORGANISED BY DEPARTMENTS/FACULTY

Name of Programme	Department	State/National/International	Funding Agency
Refresher Course	BSM	National	UGC

21. M.K. Amin College of Arts and Science and College of Commerce, Padra

II PUBLISHED ARTICLES / PAPERS IN JOURNAL (S)

Sr. No.	Author(s)	Title	Name of Publisher, Date and Year of Publication and Total Pages
1.	Ahire W.V.	Gujarati dalit kavita : Samajik Aant: Kriya ka yathathth vadi samved dastavej.	Sanchetna, 162, 33, 04. March 2003.
2.	Ahmed S. Z.	Magnitude of Migration and Employment of Asian – bom in Canada.	Seminar Volume, Jan. 2003. International Seminar on Immigration to Canada, UGC Area Studies, Faculty of Arts, MSU, Baroda.
3.	Agrawal S.	i) Status and problems of immigrants in Canada. ii) Growth, Urbanisation and women : Partners, beneficiaries or victims ? evidences from India.	Seminar Volume, Jan. 2003. International Seminar on Immigration to Canada, UGC Area Studies, Faculty of Arts, MSU, Baroda. Conference Volume. Impact of Globalisation on women and children, Burapha University, Thailand. Feb. 2003.
4.	Sumant L.S.	Gurudev Ravindra Abhishaap	Rachana – Karma , 01, 01, 01., Jan. – March 2003. Vina, 76, 2, 01, Feb. – 2003.

III PAPERS PRESENTED AT INTERNATIONAL / NATIONAL / STATE LEVEL SEMINARS / CONFERENCE, ETC.

Sr. No.	Author(s)	Details of Seminar/Conference	Title of Paper	Published/ Unpublished
1.	Ahmed S. Z.	International Seminar on : Immigration to Canada: Policies, Mainstreaming gender perspective and Implications, Jan 16 – 18, 2003. UGC Area Studies, Centre for Canadian Studies and Women's Studies Research Centre, M.S. University of Baroda.	Magnitude of Migration and Employment of Asian Born in Canada.	Abstract published
2.	Agrawal S.	i) International Seminar on : Immigration to Canada: Policies, Mainstreaming gender perspective and Implications, Jan 16 – 18, 2003. UGC Area Studies, Centre for Canadian Studies and Women's Studies Research Centre, M.S. University of Baroda. ii) International Conference on globalization: Its impact on women and children. Burapha University, Bangkok, Thailand. Feb.: 16 – 21 , 2003.	Status and problems of Immigrants in Canada Growth, Urbanisation and women: partners beneficia-ries or victims ? evidences from India	Abstract published Abstract published

21. M.K. Amin College of Arts and Science and College of Commerce, Padra

V. CONTRIBUTION TO CONDUCT PROFESSIONAL PROGRAMME/ ASSISTANCE EXTENDED IN ADMINISTRATIVE/ ACADEMIC PROGRAMME:

Sr. No.	Name(s)	Programme Place, Date	Capacity of Participation
1.	Ahmed S. Z.	International Seminar on : Immigration to Canada: Policies, Mainstreaming gender perspective and Implications, Jan 16 – 18, 2003. UGC Area Studies, Centre for Canadian Studies and Women's Studies Research Centre, M.S. University of Baroda.	Paper presenter
		62 nd Annual Conference of Indian Society of Agricultural Economics, IARI, Indian Council of Agricultural Research, New Delhi, Dec. 2002.	Delegate
2.	Agrawal S.	International Seminar on : Immigration to Canada: Policies, Mainstreaming gender perspective and Implications, Jan 16 – 18, 2003. UGC Area Studies, Centre for Canadian Studies and Women's Studies Research Centre, M.S. University of Baroda.	Paper presenter
		International Conference on globalization: Its impact on women and children. Burapha University, Bangkok, Thailand. Feb.: 16 – 21 , 2003.	Paper presenter and Member of focus group on women and health
		39 th , Indian Econometric conference, Dept. of Bus. Economics, Faculty of Commerce, M.S. University of Baroda, Feb. 08 – 10 , 2003.	Delegate

IX. MEMBERS OF FACULTIES

Sr. No.	Name (beginning with Surname) (Dr. / Mr./ Mrs./ Ms.)	Designation	Area of Interest / Research
1	Dr. W. V. Ahire	Principal	Modern Literature in Hindi
2	Dr. A. I. Memon	Reader in Bus. Eco.	—
3	Dr. (Smt.) S. Z. Ahmed	Lect. In Economics	Environment & Agricultural Economics
4	Sh. M. B. Ponkiya	Assitt. Direc. In Phy. Edu.	—
5	Smt. M. D. Pandya	Lect. In Statistics	Design of Experiments & Operations Research
6	Sh. S. L. Agrawal	Lect. In Accounts	Account, Auditing & Taxation
7	Dr. Thomas George	Lect. In Poli. Sci.	International Relations
8	Sh. Y. K. Vankar	Lect. In Bus. Eco.	Micro, Macro & International Economics
9	Dr. D. Ramesh	Lect. In Bus. Eco.	HRD
10	Dr. Sarita Agrawal	Lect. In Bus. Eco.	Human Resource Development
11	Sh. G. Venkateshwarlu	Lect. In English	Literary Theory & Cultural Studies
12	Dr. (Smt.) L. S. Sumant	Lect. In Hindi	Hindi
13	Sh. M. M. Shah	Lect. In A/C & Auditing	Accounting, Auditing & Taxation
14	Sh. M. A. Kadri	Lect. In Gujarati	Ghazal
15	Dr. S. R. Tripathi	Lect. In Mathematics	Fourier Analysis, Fluid Mechanic & Summability Theory

**21. M.K. Amin College of Arts and Science and College of
Commerce, Padra**

16	Dr. G. S. Desai	Lect. In A/C/ & Auditing	Accounting, Costing Management & Accounting Finance
17	Sh. Akash Kumra	Lect. In Economics	International Economics
18	Smt. T. S. Prabhu	Lect. In Com. Incl. Bus. Adm.	Personnel Management
19	Sh. B. S. Parimal	Lect. In Psychology	Clinical Psychology
20	Sh. S. A. Pradhan	Lect. In Com. Incl. Bus. Adm.	Human Resources

XVIII. ACHIEVEMENTS/HONOURS/AWARDS

(C) STUDENTS

Name	Department	State/National/International	Nature of Achievement
Jani Prakash	T.Y.B.Com.	National	Prime Minister's Rally Gold Medal (27-01-2003)

22. Oriental Institute

The main activity of the Institute is research and publication. The Institute publishes important unpublished works on all subjects relating to Oriental Studies in general and Indology in particular.

The Publications are under the following Series :

- 1) Gaekwad's Oriental Series
- 2) M.S. University Research Series
- 3) M.S. University Oriental Series
- 4) M.S. Memorial Lecture Series
- 5) Shri Sayaji Sahityamala
- 6) Shri Sayaji Gramvikasmala
- 7) Shri Sayaji Balajnanamala
- 8) Matushri Jamnabai Smarak Granthamala
- 9) Shri Shishujnanamala

POST-GRADUATE TEACHING :

As a part of the Co-ordination of the teaching and research at the Post-graduate level, some members are associated with the Faculty of Arts. Some of them are recognised guides for Ph.D.

I (A) PUBLISHED BOOKS (B) MONOGRAPHS (C) EDITED VOLUMES (D) OTHERS

Sr. No.	Author(s)	Title	Name of Publisher, Date and Year of Publication and Total Pages
1.	Wadekar, M.L.	1. Dharme Sarvam Pratiṣṭhitam (Marathi translation)	Mohini Collection, Vadodara, June 2002 pp. 26+236+8
2.	Wadekar, M.L. & Joshi P.H.	Akṣaravāṇmaya (ed.)	Mohini Collection, Vadodara, June 2002 pp. 18+215

II. 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.	Wadekar, M.L.	1. The Nepal Manuscript of the Devīmāhātmya 2. Keśava Paṇḍitaviracita Rāmalaharī - Eka Alpa-Jñāta Laharīkāvyā	Shri Jagannatha Jyotih-Jagannath Sanskrit Univ. Journal of Indology, Vol. 7 pp. 56-59, July, 2002 Swadhyaya, Vol. 37 Nos. 1-2, pp. 105-112, Sept.20, '02
2.	Wadekar, M.L. & Joshi M.S.	The Rjubbhāṣya on the Śukla Yajurveda	Journal of the Oriental Institute, Vol. 49, Nos. 1-2, pp. 7-26, Sept. 2002
3.	Brahmachari, U.M.	1. प्राच्यविद्या मंदिर-अन्य लाक्षणिकताओं 2. Nagara Racanā as in Kauṭilya's Arthaśāstra 3. Select Contents of Oriental Journals	Pathik, Vols. 1-3, pp. 170-171 Aug. 2002 Journal of Suk'tindra Oriental Research Institute, Vol. IV, No. 1, pp. 102-107, Oct., 2002 Journal of Oriental Institute, Vol. 49, Nos. 1-2, pp. 221-230, Sept. 2002

22. Oriental Institute

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| 4. | Pathak M.P. | 1. Ayurvedic uses of Takra
(Based on two rare manuscripts) | Vishveshvaranand Indological Journal, Hoshiarpur,
Vol. 35-36, Pts. I-IV, pp. 239-246, 2002. |
| | | 2. तक्रकल्प-तक्रविधि-के अलस्य
हस्तप्रतनो परिचय | Swadhyaya, Vol. 36, Nos. 3-4, pp. 203-208, Aug.-Nov. 2002 |
| | | 3. दाम्पत्य जीवन और सन्तानयोग
समीक्षा (ज्योतिषशास्त्र के आधार पर) | शोध-प्रभा श्री लालबहादुर शास्त्री राष्ट्रीय संस्कृत विद्यापीठम्
Year 27, Part-IV, pp. 45-48, Oct. 2002. |
| 5. | Prajapati, S.C. | 1. Bālanāṭakāni : Pūjālāla kā
Samskrta Bālasāhityako
Pradāna (Hindi) | 'Sodha-Prabha', Shri Lal Bahadur Shastri Rashtriya
Sanskrita Vidyapith, Delhi, Vol. 2, pp. 65-72, Aug. 2002 |
| | | 2. Śabdālankāra ane
Arthālankāra nā Vibhājanano
ādhārabhūta Sidhānta (Guj.) | Swadhyaya, Vol. 37, Nos. 1-2, pp. 85-88, Sept. 2002. |
| 6. | Umarethiya, J.K. | 1. लोकसाहित्यमां हाकरदां | Swadhyay, Vol. 37, Nos. 1-2, pp. 155-160, Sept. 2002 |
| | | 2. संशोधनक्षेत्र : प्राच्यविद्यामंदिर | Pathik, B.J. Institute, Ahmedabad, Vols. 1-2-3, pp.
175, Aug. 2002. |

III PAPERS PRESENTED AT INTERNATIONAL/NATIONAL/STATE LEVEL SEMINARS/CONFERENCES, ETC.

Sr. No.	Author (s)	Theme, Organizing Body Place and Date of Seminar/Conference etc.	Title of Paper	Published/ Unpublished
1.	Wadekar, M.L.	27th Annual Session of Gujarat State Univ. & College Sanskrit Teachers' Association, Dvarkadhish Academy, North Guj. Univ. Dvarka 14-16 March, 2003	Yoga-tenets in the Mārkaṇḍeya Purāṇa	Unpublished
2.	Wakankar, S.Y.	Presidential Address in the Section on Manuscriptology, 41st Session of All India Oriental Conference, Puri 14-16 Dec., 2002	Manuscriptology	Unpublished
3.	Brahmachari, U.M.	41st Session of All India Oriental Conference, Puri, 14-16, Dec. 2002	'Dārukāvanavilāsa' - A rare manuscript	Unpublished
4.	Pathak, M.P.	41st Session of All India Oriental Conference, Puri, 14-16 Dec. 2002	Sarasvati in the Vāyupurāṇa	Unpublished
5.	Prajapati, S.C.	1. Modern Sanskrit Literature : Position and Trends', St. John's College, Agra 8-9 Oct. 2002	Contribution of Baroda to Post-Independence Sanskrit Literature	Unpublished

22. Oriental Institute

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| | 2. All India Kalidasa Samaroha, Kalidasa Samiti, Vikram University, Ujjain 15-21 Nov. 2002 | Kalidasa and Human Values | Unpublished |
| 6. | Umarethiya, J.K.1. Workshop : વિવેચનનું સ્વરૂપ કાર્ય અને પદ્ધતિ organised by P.G. Deptt. of Gujarati, S.P. University, Vallabh Vidyanagar, 5-6 Oct. 2002 | -- | Unpublished |
| | 2. "સાહિત્યસ્વરૂપનું શિક્ષણ : પદ્ધતિ અને પ્રશ્નો" Arranged by 'Akṣara', Vadodara, 14-15, Dec. 2002 | -- | Unpublished |

IV TALKS OF ACADEMIC NATURE GIVEN IN PROFESSIONAL PROGRAMMES :

Sr. No.	Name(s)	Nature of Professional Programmes*	Title	Participated as**
1.	Wadekar, M.L.	1. Extra-Mural Lecture at Dept. of Sanskrit, S.P. University, Vallabh Vidyanagar 8th Jan. 2003	Manuscriptology	Invited Talk
		2. Refresher Course on Purāṇa at Sanskrit Mahavidyalaya, Baroda 11th Jan. 2003	Purāṇas and Different Śāstras	Resource Person
2.	Pathak, M.P.	1. Refresher Course Organised by Baroda Sanskrit Mahavidyalaya, Baroda 12, 13 & 16 Jan. 2003	1. वैदिकमंत्रोंका पुराणोमें उपबृंहण	Resource Person
			2. Nāciketopākhyāna Development from Vedas to Purāṇas	
			3. Practical hints on the Editing of Texts	
3.	Umarethiya, J.K.	નીડબેઝ તાલીમ (ભાષા, કાવ્ય, વ્યાકરણ) જિજ્ઞા શિક્ષણ અને તાલીમ ભવન, કારેલીબાગ, વડોદરા. - Two lectures 26th & 28th Nov. 2002	વિરામચિહ્નોની ઓળખ	Resource Person

V CONTRIBUTION IN CONDUCTING PROFESSIONAL PROGRAMMES / ASSISTANCE EXTENDED IN ADMINISTRATIVE/ACADEMIC PROGRAMMES :

Sr. No.	Name(s)	Programme(s), Place and Date(s)*	Participated as
1.	Wakankar, S.Y.	1. Conducted one 21-Day Work-shop, on Manuscriptology at Chinmaya International Foundation, Veliyanand, Kerala, 20th May - 9th June, 2002	Resource Person

22. Oriental Institute

PRINTED SECTION :

The Institute has a well-equipped Library having collection of 48,412 books and bound periodicals.

(A) BOOKS :

1. Recurring University Grant of Rs. 55,000/- for the purchase of books and periodicals of the Institution.
2. Recurring University Grant of Rs. 10,000/- for the purchase of books for Vishnupurana Project.
3. The Institute's Library has spent Rs. 63,797/- towards the purchase of books from the recurring University Grant.
4. We have received 125 books as gift from different sources.

(B) NOTEWORTHY TITLES :

1. धर्मो सर्वं प्रतिष्ठितम् - edited by P.H. Joshi and M.L. Wadekar
2. Encyclopaedia of Indian Philosophies Vol. 6 by K.H. Potter.
3. A Course in Indian Astrology by N.E. Muthuswamy
4. An Encyclopaedic Dictionary of Sanskrit on Historical Principles Vol. 6 Part-7 by H.G. Ranade.
5. Kali : The Black Goddess of Dakshineswar by E.U. Harding.
6. The Comparative Study of Religions by A.G. Widgery.
7. A Critical Study of Paumacariyam by K.R. Chandra
8. जेसलमेर के प्राचीन जैन ग्रंथ भंडारोंकी सूची by मुनि जम्बु विजयजी

(C) JOURNALS :

We are receiving 130 Journals in exchange of "Journal of the Oriental Institute" and "Swadhyaya". A few of them are also received by way of gift. The Institute is subscribing to only one journal i.e. "Marg".

(D) Collection of Books and Periodicals :

Books including bound periodicals

		Total cost
1.	Collection of Books at the beginning of the year	48,149 11,15,033.55
2.	No. of books purchased	138 63,797.00
3.	No. of books received as gift	125 -
4.	No. of periodicals added during the year	-- 795.00
5.	No. remaining at the end of the year	48,412 11,79,625.55

PUBLICATION :

(A) Volume published by Institute :

Sr.	Name of the Journal	Name of the Editor	Period of Publication
1.	Journal of the Oriental Institute (in English)	Wadekar M.L.	Quarterly (September, December, March, June)
2.	Swadhyaya (in Gujarati)	Wadekar M.L.	Quarterly (Vasanta Panchami, Akshaya Trutiya, Janmashtami and Dipotsavi)

In the year under report, Vol. 49 Nos. 1-2 of the Journal and Vol. 37 Nos. 1-2 and 3-4 of Swadhyaya are published.

(B) The following Gaekwad's Oriental Series works are under print :

Sr.No.	Title	Edited by
1.	Kalandikāprakāśa	Dr. Babulal Shukla Shastri
2.	Priyamvadācarita	Shri P.H. Joshi

MANUSCRIPTS SECTION :

This section has a collection of Manuscripts in Sanskrit, Prakrit, Pali, Apabhramsha and other languages including a few in Persian and Arabic. 22 manuscripts were added during the year. Thus the total number of Manuscripts stands at 28,567.

CRITICAL EDITIONS' WING :

(1) The project of the *Mārkaṇḍeya-purāṇa* (MKP) :

The project of the Critical Edition of the *Mārkaṇḍeya-purāṇa* is nearing its fruitful completion. The reconstruction of the constituted text for all the *Adhyāyas* is ready. The writing of the Critical Apparatus for all the *Adhyāyas* is also over. The checking and rewriting of the *Critical Apparatus* for 107 *Adhyāyas* is done with. The D.T.P. composing and proof reading is going on. The work of preparing Pāda index of the star passages and concordance are also going simultaneously.

(2) *The project of the Vāyupurāṇa and the Vahnipurāṇa :*

Several Institutes and Libraries in India and abroad have been contacted for obtaining the MSS., of the *Vāyupurāṇa*. Dr. Smt. Meena P. Pathak, Assistant Editor of the Critical Editions Section, Oriental Institute, was deputed to Pune for collecting the MSS. of the *Vāyupurāṇa* and others. During her visit, she could collect xerox copies of the two MSS of the *Vāyupurāṇa*, three MSS of *Gayāmāhātmya* and three MSS of the *Māghamāhātmya*.

The writing of the vulgate of the *Vāyupurāṇa* for about 83 *Adhyāyas* is ready. The collation of the MS D1 for 69 *Adhyāyas* and MS D2 for 66 *Adhyāyas* is ready. The work of the transcription of the Ms. of the *Vahnipurāṇa* for the 328 folios is ready. Moreover collation of the *Vahnipurāṇa* for 17 *Adhyāyas* is completed. The remaining work is in progress.

HIGHLIGHTS OF THE INSTITUTE

Under the auspices of Late Dr. U.P. Shah Memorial Lecture Series, Prof. Dr. A.P. Jamkhedkar, former Director, Department of Archaeology and Museums, Govt. of Maharashtra, Mumbai, delivered two lectures on "Legends in Jain Monuments" on 10th and 11th February, 2003. Prof. Dr. K.C. Upadhyaya, Vice-Chancellor, M.S. University of Baroda, inaugurated the Series. Lectures were attended and highly appreciated by teachers, students and others interested in the subject of Jain art.

VII. ADDITIONAL FACILITIES CREATED :

(A) **Equipment :**

Dr. Mrs. and Mr. Dilip Doctor of Vedic Vision, New York made a generous donation in kind of Pantium4 Computer with Leser Printer, C.D. Writer to the Oriental Institute.

(B) **Deadstock :**

Prof. Dr. Uma S. Deshpande, Professor of Department of Sanskrit, Pali and Prakrit, Faculty of Arts, M.S. University of Baroda, donated two steel Cup-boards worth Rs. 10,500/- in memory of her father late Shri Y.V. Devaskar, for the preservation and proper maintenance of manuscripts in the Institute.

23 A. Centre for Continuing/Adult Education and Communication services

II. PUBLISHED ARTICLES/PAPERS IN JOURNAL(S)/EDITED VOLUMES:

Sr. No.	Author(s)	Title	Name of Publisher, Date and Year of Publication and Total Pages
1.	Raina B.L.	"Bruno and his life"	'Translation and Complication' in Hindi in the Commune "Bruno and his life Experience" pages 1 to 25, June 2002.

III. PAPERS PRESENTED AT INTERNATIONAL /NATIONAL / STATE LEVEL SEMINARS/CONFERENCES, ETC.

Sr. No.	Name(s)	Nature of Professional Programmes	Title	Participated as :
1.	Inamdar J.A.	1. Lectures delivered at Industrial Training Institute (ITI) Tarsali, Vadodara for training instructors: (a) Principles of vocational education Dates- 11-06-2002; 11-09-2002; 02-08-2002; 22-10-2002 (b) Preparation and form of syllabus Dates - 19-06-2002; 12-08-2002; 20-09-2002; 01-11-2002; 02-12-2002; 30-12-2002 (c) Writing of script for technical education Dates - 29-06-2002; 06-08-2002; 01-10-2002; 15-11-2002; 12-12-2002; 08-01-2003 (d) Instructional Technology Dates - 21-06-2002; 14-08-2002; 23-09-2002; 07-11-2002; 04-12-2002; 01-01-2003	Principles of Technical Education	Resource Person
2.	Raina B.L.	Training programme on Environmental conservation. Centre for Continuing/Adult Education and Community Services, Baroda 28 th to 30 th January 2003. 'Yoga and Good Health' Centre for Continuing/Adult Education, University of Jammu, June 2002	Environment awareness and conservation "Physical Exercises and Yoga need for good health"	Unpublished Unpublished

IV. TALKS OF ACADEMIC NATURE IN PROFESSIONAL PROGRAMME

Sr. No.	Names	Nature of Professional Programme	Title	Participated as
1.	Raina B.L.	Adolescence and sex education. A Programme of Youth Development by J.S.S. Vadodara Youth group from ABB, Vadodara	Adolescent and sex education Indian culture need for assimilation	Resource Person Resource Person

23.A. Centre for Continuing/Adult Education and Communication service

"Market Research Prospects. Baroda Productivity Council.	Prospects in Market Research	Resource Person
A programme organised by Jan Shikshan Sansthan Vadodara for ABB	Personality & Self Grooming	Resource Person

V. CONTRIBUTION IN CONDUCTING PROFESSIONAL PROGRAMME ASSISTANCE EXTENDED IN ADMINISTRATIVE /ACADEMIC PROGRAMME

Sr. No.	Name(s)	Programme(s) Place and Date(s)	Participated as**
1.	Inamdar J.A.	Literacy week Celebration from 2 nd September to 8 th September 2002. Prerak and Nodal Prerak training at Village Dungarwaut Ta. Chhotaudepur on 14-11-2002	Organizer
2.	Dr. Raina B.L.	Folklore and Festivities in India organised by Jan Shikshan Sansthan, Baroda, June 2002	Resource Person
		Literacy Week celebration from 2 nd September to 8 th September 2002	Organizer
		Adolescents and Emotional behaviour a programme for parents organized by Friends Society Fateh Ganj, Vadodara, January 2003	Speaker

VI. PARTICIPATION IN ACADEMIC BODIES OF UNIVERSITIES OTHER THAN M.S.U.

Sr. No.	Name(s)	Programme(s) Place and Date(s)	Participated as**
1.	Inamdar J.A.	Vadodara Jilla Panchayat	Advisor for organizing programmes of continuing education in rural area of Baroda District
2.	Raina B.L.	1. Dept. Adult Education, GujaratVidyapeeth. Ahmedabad 2. District Adult Education Office, Jilla Panchayat Vadodara 3. Dept. Continuing/Adult Education University of Jammu 4. Indira Gandhi Open University Study Centre, Vadodara	Resource Person Resource Person Invitee Expert in B.Ed. Programme

VII. PERFORMANCE BY INDIVIDUAL/GROUP

Sr. No.	Name(s)	Place and Date(s)	Nature of Performance
1.	Dr. Inamdar J.A.	1. Vadodara Jilla Panchayat 2. Gujarat Vidyapith Ahmedabad	Prize Distributor to Nodal Prerak. Writer in workshop for populations education.
2.	Raina B.L.	1. Vadodara Jilla Panchayat	Prize distributor to best Nodal Prerakhs

23.A. Centre for Continuing/Adult Education and Communication service

2. A two day Workshop, Vadodara at Centre for Continuing/ Adult Education and Community Services, Vadodara on Population Education & Youth Development Organizer
3. Development of study materials for population education. Population education unit. Guarat Vidyapeeth, Ahmedabad Resource Person

VIII. STATE/NATIONAL/INTERNATIONAL AWARDS AND DISTINCTION OF ACADEMIC NATURE

Sr. No.	Name(s) of Recipients(s)	Description of the Award	Contribution made by the Recipient
1.	Inamdar J.A.	Sardar Patel International Award for literacy by UNO On 10th February 2003 at Gandhinagar	Life time achievement award for out standing contribution in Adult Literacy work
2.	Raina B.L.	Sardar Patel International Literacy award by UNO	Life time contribution in Continuing/Adult Literacy work

IX. MEMBER OF FACULTIES

Sr. No.	Name (beginning with Surname) (Dr./Mr./Mrs./Ms.)	Designation	Area of Interest/Research
01	Dr. Inamdar Janak A.	I/c. Director	Adult Education, Continuing Education and Research
02	Dr. Raina B.L.	Lecturer	Continuing Education, Population Education, Training & Developments & Research

XI. NEW COURSES INTRODUCED DURING THE ACADEMIC YEAR

Export Import Management	6 Months	Graduate
Early Childhood Care and Education	1 Year	12 th Pass

XIII. ADDITIONAL FACILITIES CREATED

- (A) **Equipment**
 OTG - 1 for Hotel Management Course

XV ACADEMIC PROGRAMMES ORGANIZED BY DEPARTMENT/FACULTY

Highlights on the activities carried out under Long Term and Short Term Courses:

- (A) **Activities carried out under Long Term Courses;**
- (1) Inauguration of Industrial Health Course at Hajira, Surat:
 - (2) Entrance Examination for Interior Decoration course :
 - (3) Hospital Administration and Management
 - (4) Early Childhood Care and Education

**23.A. Centre for Continuing/Adult Education
and Communication service**

- (5) Fashion Designing Course
 - (6) Tourism and Travel course
 - (7) Hotel Management and Catering Services
 - (8) Export and Import Management
- (B) Activities carried out under Short Term Courses;**
- (1) Basic Astrology and Horoscope
 - (2) Arts of Bonsai Course
 - (3) Certificate Distribution of Acupressure Course
 - (4) Personality Development Course

XVI OTHER PROGRAMMES OF ACADEMIC SIGNIFICANCE

1. A two days seminar on 'Adolescence Education was held on 16th & 17th October 2002 at CAE. Organized by Population Education Resource Cell (PERC), Gujarat Vidyapeeth.
2. One day training programme cum prize distribution programme on 29th October 2002 at Sabhakhand of Jilla Panchayat Vadodara, organized by Zilla Shaksharta Samiti, Baroda
3. One day Training Programme for Preraks of Continuing Education on 14th November 2002 at Dungar Vant Village, near Sukhi Dame organized by BRC, Gujarat Vidyapeeth and Jilla Shaksharta Samiti, Vadodara
4. Two days workshop on Family Life Education on 19th & 20th September 2002 at Gujarat Vidhyapeeth, Ahmedabad, Organized by PERC

XVII PROGRAMMES FOR COMMUNITY OUTREACH AT DEPARTMENT./FACULTY

Research Projects carried out for the benefit of Rural and Urban Community People

I YOUTH INVOLVEMENT IN FAMILY LIFE EDUCATION.

The major objective of the research project was to impart a training programme on Family Life Education through the peer approach - youth teaching youth - talking to one another on the same level. In the initial phase of the project participants were imparted a training programme on Family Life Education. These participants in turn made teaching aids/materials and offered a family life education programme to the out of school youth.

II WATER, SANITATION AND HEALTH

The major objective of the research project was to develop IEC material for promoting values related to Water, Sanitation and Health to participants from different NGOs.

III BANKABLE SCHEMES FOR WOMEN

The purpose of the research study was to assist the beneficiaries for bankable schemes and to bring the loaning/funding agency and beneficiaries together. An open-ended questionnaire was prepared to find out if the women participants had applied to banks for loans. The questionnaire was given to women from different slum communities in Baroda.

IV IDENTIFYING TRAINING NEEDS OF COMMUNITY WORKERS UNDER VARIOUS NGOs IN BARODA

The main objective of the research project was to identify training needs of different GOs/NGOs in Baroda City. A questionnaire was developed for the same and given to the different NGOs/GOs.

V CREATING AWARENESS REGARDING ENVIRONMENTAL CONSERVATION AMONG WOMEN FROM URBAN SLUMS OF BARODA

The major objectives of the study was to create an awareness among slum women about the methods and procedures for conserving environment. A questionnaire was developed to find out the role of the NGOs/GOs in sensitizing women from slum areas.

**23.A. Centre for Continuing/Adult Education
and Communication service**

VI *TO DEVELOP MULTI MEDIA MATERIALS*

The main aim of the project was to develop multi media materials for promoting gradeless continuing education from standard V to VII on science, maths, geography and civics. The detailed programme reports of all the research projects are attached vide item no. 7.

XIX. IMPORTANT EVENTS/ACTIVITIES OF THE DEPARTMENT - FACULTY / UNIT

Description of the Event	Date, Time & Place	Photographs attached
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CELEBRATION TIME

The centre celebrated International Literacy Week from 2nd to 8th September 2002. The Centre organized a training programme on Youth Involvement in Family Life Education and Water Sanitation and Health Management. The training programme was imparted to the participants of different NGOs & Gos. An exhibition was also put up on the above topics.

23B. All India and Central Services Training Centre

1. 185 students registered for the Entrance Test which was held on 20th July-2003. Out of which 180 appeared. After taking Personality test, 47 candidates were selected.
2. Civil Services Preliminary Examination of May 2003
for the year 2002-2003, training for the Fresh Batch commenced on August, 2002 for the Preliminary examination of May, 2003.
3. The training programme for the Preliminary and Mains examinations commenced from September, 2002.
4. In May 2002 Preliminary Examination 2 students were successful and they appeared in Main examination, which was held in October-2002. Out of 2 students, 1 students have finally cleared the Main examination and he was unsuccessful in the personality test.
5. The Centre has started Orientation programme to generate awareness about the U.P.S.C. examination. It has also encouraged Group Discussion, Seminars, Presentation and relevant Discussion with teacher concerned.

23C. Computer Centre

The academic year 2002-2003 was an eventful year for the Computer Centre. The Computer Centre has actively participated in Alumni supported effort to bring Internet to the University. The Centre has become the hub of the University's Internet and Intranet facilities.

The Surfland Cyber Café facility at the Computer Centre building has continued to provide various Internet and Computer related services to the M S University community. The bandwidth available for University network is 1 MBPS. This facility now provides the fastest internet access in town and also numerous associated services to the students and staff of the University. Surfland has become a self sufficient and self sustaining establishment with all the new facilities added being supported from the continuing income. This is now popular as a facility. It is open from 7 A.M. to 10 P.M. and is particularly convenient to the hostel students.

The website www.msubaroda.ac.in is hosted on the Surfland servers and is being actively used for publishing exam results, merit lists, Annual report etc. This is also being used as the testing platform for various network based applications being developed in-house. One such application has been a web based Email Client.

We have received a High Capacity mail server from Alumni to provide Email facility to university staff. The mail server is installed and 1200 Email Accounts have been created for university staff. We have provided an infrastructure to Mr. Samir A Joshi who is former student of the university for development of Online Learning Community system for the University which is developed and deployed at Surfland. Also we have been providing training to the teaching staff of the university to create online classes with the use of this Online learning community system.

Internet Training Program and a 34 hours computer training program for the staff of the University has been continued during this year. Under this program, a large number of support staff of the University have been provided basic training in office software with an introduction to Network usage skills.

The branch office of the Computer Centre at the University Office has been efficiently handling all the existing systems for administrative work and Examination Result Processing. We have extended the Examination System to provided computerized mark sheets for all courses which use grade system.

This center is also being configured as the controlling center for the significant cluster of computer systems that is emerging at the University Office.

The Computer Centre is all geared up to become a nodal centre for networking and computerization of the University.

23D. University Health Centre

During the year under review the staff members at the health center were 04 Medical, 03 Honorary Consultants, 06 Para Medical, One Clerk and 03 Class-IV Servants.

The services covered were consultative, investigative, preventive and curative type, including for Malaria, Gastro Enteritis, Vaccination, Drug abuse and S.T.D. etc.

The Immunization services covered 140 cases on regular basis and 320 cases were covered under Pulse Polio National Programme.

The Pre-placement Medical check-up was offered to 7 Teaching and 7 Non-Teaching Staff members.

The Specialists' consulting services included Gynecology, 985 Dermatology 1031, Orthopedics 1461 during the year.

In Laboratory Services 7875 were routine hemograms urine exam. and 2408 were Bio-chemical tests during the year.

During the year under review, the expenditure for Medicines was Rs. 5,99,835.22. Laboratory Chemicals Rs. 19,996.00 and Reimbursement of Medical expenses including special allowances for patients having T.B., Cancer etc. was Rs. 4,80,085.97

The associated services offered were domiciliary facilities, observation beds, S.W.D. and Physiotherapy services etc.

The Chief Medical Officer attended Annual National Conference of Physicians at Varanasi in January, 2003.

At MARG, the counselling Centre, the services including the treatment of Drug Addiction and Counselling services by professional experts in the area of Psychosocial, Marital – Mal adjustment, Behavioural problems and management of stress during exams and interviews were carried out.

The services offered at 'MARG' benefited 482 cases covering Male 335 and Female 147.

The total attendance at Health Centre during the year under review was 43364 and the average daily attendance was 148. This figure included 12910 students and 30454 staff with dependents.

23E. General Education Centre

During the year 2002-2003, the auditorium was used very effectively by the different strata of the society and the university institutions for the purpose of academic, cultural, social and business oriented nature. Compared to last year, occupancy ratio showed notable rise of about 14% and subsequently the income. Total rent collected during the year was Rs. 21.38 lakhs, which is a record in itself. 'Lounge' facility (meant for registration, display, snacks etc.) was provided. It proved helpful, useful and beneficial. IGNOU, university institutions and others also used classrooms effectively for conducting classes, tests, exams etc.

During the year, nearly 115 different users organized number of programmes in the auditorium. Out of these, 312 were conducted by the outside agencies and 45 conducted by university institutions. In all 192 cultural, 94 meetings, 25 seminars, conferences etc. and 46 other types of programmes were conducted. Many of them took advantage of auditorium ancillary facilities also.

Efforts were also continued to improve the available facilities / services. As a result of dedicated services and care by the technical staff, no major damages / repairs took place during the year.

Like every year, Prof. C.C. Mehta birth anniversary was celebrated by the auditorium, dept. of dramatics and Akshara collectively. First time in the history, a cultural evening for entire MSU parivar was successfully organized by the auditorium staff under the title TAAS – 2002 (teaching and administrative staff-2002).

23F. University Employment Information & Guidance Bureau

This bureau is run by Employment and Training Dept. (Labour & Employment)Govt. 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 Baroda District. All Master degree holders, Engineering Graduates & Professional degree holders and unemployed candidates are being registered & placement service is provided to them.

Sr. No.	Description of activity	Details of Activity	April 2002 to March 2003		
			Male	Female	Total
1.	Registration of Unemployed		674	338	1012
2.	Vacancy notified		231	04	235
3.	No. of Job Seekers who obtained Job.		50	27	77
4.	No. of Job Seekers recommended against vacancy		2207	905	3112
5.	No. of Job seekers remaining on line registers on 31.3.03		2540	1417	3957

Sr. No.	Description of activity	Achievement of Target	
		April-02 to March-03	
1.	Information/Guidance at the time of Registration		862
2.	Individual information		1015
3.	Group discussion		78
4.	No. of Job seekers attending Group discussion		545
5.	No. of Visitors for information		4660
6.	Vocational guidance talk to school/colleges		35
7.	Employer contact		72
8.	Publication of Bulletin on job opportunity		05
9.	Advisory Committee meeting		01
10.	Old case review		93
11.	Campus recruitment		04
12.	Individual guidance		39

23G. University Publications Sales Unit

The Publications Sales Unit works to sale Publications, Electoral Role, Past Exam. Question Papers, Hand Books, Service Books, Diaries, etc. This unit functions in AICS Centre since November 1997.

New Publications

1. GOS No. 182 Surya Prakasha of Suryadasa Vol. I.
2. GOS . No. 68 Natyashastra of Bharat muni Vol.-II
3. GOS 84 Monosollasa of King Someshwara Vols. - II
4. GOS. The Valmiki Ramayana Vol.-I, Balkanda
5. The fiction of Anita Desai, Toni Morrission Nayantara Sahgal & Aalice Walker
6. Manuscriptology & Text Criticisms
7. Our Eternal heritage
8. Optimizing Infant Development
9. A Guide to Action project in Home Science Extension

24. Shrimati Hansa Mehta Library

The University Library System is a nucleus of the academic activities where knowledge and learning activities proliferate continuously.

A. ACQUISITION

- i) The University Library System added 8884 books incurring a total expenditure of Rs.22,057,60.00. The total book collection stands at 7,22,955 as on 31-3-2003.
- ii) Smt. Hansa Mehta Library added 3628 books for Rs.14,42,135.00 and 1212 bound volumes of periodicals. The total collection now stands at 3,81,522 books + 6,57,62 bound periodicals = 4,47,284 at the end of March 2003.
- iii) The Faculty Libraries added 5,256 books.

Details of Acquisition made in 2002-2003

Sr.No.	Name of the Library/Institution	2001-2002	2002-2003
1.	Smt. Hansa Mehta Library	7197	3628
2.	A) Books for S.S.M.T. Library, Faculty of Arts, Commerce, Science, Education & Psychology, Law, Home Science, Journalism & Communication, Centre for Continuing Adult Education & Community Services and A.I.C.S. Training Centre.		
	B) Bound Volumes	1749	1212
2.	Centre for Advanced Study in Education (CASE).	18	07
3.	Faculty of Fine Arts	124	66
4.	M.K.Amin Arts & Science College & College of Commerce, Padra	277	75
5.	Faculty of Management Studies	409	591
6.	Oriental Institute	268	263
7.	Faculty of Performing Arts	183	60
8.	Polytechnic.	807	690
9.	Faculty of Social Work	192	48
10.	Baroda Sanskrit Mahavidyalaya (Incl. Book Bank)	110	14
11.	Prof. T.K.Gujjar Library, (Faculty of Technology & Engg.)	2369	3342
12.	Water Resources & Management Institute, Samiala	36	16
13.	NASSIC.	879	84
	Total (2-13)	<u>5,672</u>	<u>5,256</u>
	GRAND TOTAL	<u>14,618</u>	<u>10,096</u>

Note : Above acquisition includes 729 books received as gift.

24. Shrimati Hansa Mehta Library

B THE DETAILS OF BOOKS STOCK IN THE UNIVERSITY LIBRARY SYSTEM AS ON 31st MARCH 2003.

Sr.No. Cost.	Books	Bound Volumes	Maps, Charts & Cassettes	Total
a) Smt. Hansa Mehta Library				
i)	Collection as on 1-4-2002	3,77,894	64,550	— 9,02,92,831=79
ii)	Number added during 2002-2003	3,628	1,212	14,42,135=00
iii)	Number of Withdrawal Collection as on 31-3-2003	3,81,522	65,762	9,17,34,966=79

Note : The total Cost of Rs.22,05,760=00 includes revenue expenditure and U.G.C. Special book grant and other grants Rs.15,65,708=00 (Revenue) + 5,38,871 (U.G.C. 9th Plan and SAP) + Rs.1,01,181=00 (others).

b)	Faculty Libraries	Stock as on 31-3-2003
i	C.A.S.E.	18,129
ii	Fine Arts	10,000
iii	M.K.Amin Arts & Science College & College of Commerce, Padra	14,316
iv	Management Studies	4,705
v	Oriental Institute	48,412
vi	Performing Arts	11,444
vii	Polytechnic	39,212
viii	1. Sanskrit Mahavidyalaya 2. Sanskrit Mahavidyalaya (Book Bank)	4,758 157
ix	NASSIC	1,174
x	Social Work	12,986
xi	Technology & Engg.	1,08,439
xii	Water Resources	1,939
Total :		2,75,671

C. Some Noteworthy Titles Purchased during the year 2002-2003.

Sr.No.	Title
1	A Dictionary of Historical Terms ; 3 rd ed.1998.
2	The Glory of Gujarat, 1998.
3	Hand book of Environmental Analysis. 2000.
4	Pollution Management. Vol. 1 to 5. 2002.
5	Ancient India from the Origins to the XII th Century A.D. 2001.
6	Handbook on Engineering Education. 2002.
7	Encyclopaedia of Animal Diseases. Vol. 1 to 6, 2001.
8	Encyclopaedia of Fish Culture. Vol. 1 to 3 . 2002.
9	Encyclopaedia of Birds. Vol. 1 to 3, 2001.

24. Shrimati Hansa Mehta Library

- 10 The Pearson concise General Knowledge Manual. 2003.
- 11 Encyclopaedic Dictionary of Physics. Vol. 1 to 5 2001.
- 12 The Complete New Training Library, Vol 1 to 12 2002.
- 13 Hand Book of Surface and Interface Analysis : Methods for Problem Solving, 1998.
- 14 Encyclopaedia of World Great Women Scientists. Vol. 1 to 3 2003.
- 15 A Dictionary of Science, Literature and Art. Vol. 1 to 3, 2000.
- 16 Information Technology in 21st Century. Vol 1 to 9, 2003.
- 17 Rituals and Practices of Tantra. Vol. 1 to 3, 2002.
- 18 Encyclopaedia of SAARC Nations. Vol. 1 to 3, 2002.
- 19 Top-Cops : Biographies of Wond's Top Policemen. Vol. 1 to 3, 2002.
- 20 Shivaji : The Great Maratha. Vol. 1 to 4, 2002.
- 21 Encyclopaedia of Education in South Asia. Vol. 1 to 9, 2003.
- 22 Perry's Chemical Engineers Handbook 1997.
- 23 A Dictionary of Archaeology. 2002.
- 24 Puratana : Emerging trends in Archaeology, Art, Anthropology, Conservation and History. 2002.
- 25 Great Physicists : The life and times of Leading Physicists frpm Galilio to Hawking. 2002.
- 26 The Coins of the Indian Sultanates. 2001.
- 27 Cier's Industrial Handbook. 1998.
- 28 Ulrich's Periodicals Directory. Vol. 1 to 5, 2003.
- 29 The International Who's Who 2003. 66th ed. 2002.
- 30 India Leasing Yearbook. 1996.
- 31 Britannica Book of the Yearbook. 1996.
- 32 Top ten of everything 2003. 2002.
- 33 Piligrimage from the Ganges to Graceland : An Encyclopaedia. 2002. Vol. 1 to 2.
- 34 Bright's India : Vol. 1 to 4, 2003.
- 35 Reference India. Vol 1 to 4, 2003.
- 36 The Illustrated History of the Nineteenth Century : Year by Year, Month by Month. 2002.
- 37 Fair and Festivals of India: Vol 1 to 5, 2003.
- 38 Encyclopaedia of Indian Surnames. 2002.
- 39 Encyclopaedia of Britannica Almanac. 2003.
- 40 The Oxford Chronology of English Literature. Vol. 1-2, 2002.
- 41 International Encyclopaedia of Information and Library Science. 2003.
- 42 Encyclopaedia of the United Nations and International Agreements. Vol. 1 to 4, 2003.

24. Shrimati Hansa Mehta Library

D. PERIODICAL DEPARTMENT

A sum of Rs.1,47,32,208.53 was spent in subscription of 575 journals at Smt. Hansa Mehta Library as per details given below.

Sr.No.	Name of Grant / Institution	No. of Journals	Amount
Revenue Grant			
01	University Library	515	1,46,34,709.53
Donation in Memory of			
02	Smt. Malvika Patel	2	1,800.00
03	Dr. Ashvinbhai & Dhimatiben Mehta	15	6,650.00
04	Donation from Canara Bank	1	21,873.60
05	Dr. Bhogilal Sandesara	2	1880.00
06	Kum. Godavari B Kher	1	1425.00
Other			
07	Centre for Research in Planning and Development	1	32,054.40
08	News Papers / News Magazines (18 + 20)	38	31,816.00
		<u>575</u>	<u>1,47,32,208.53</u>

B) Total Journals Received

1.	Subscribed	575
2.	Gift	189
	Total	<u>764</u>

C) Issues Received and Displayed(Including News Papers & Magazines)

1.	Subscribed	13,947 Approx.
2.	Gift	463 Approx.
	Total	14,410 Approx.

D) Services Given

1.	Researcher per day(Average)	139
2.	Journals given for zerox per day(Average)	89

E) Binding and Accessioned

1.	Journals given for Binding	1,204
2.	Bound Journals Received	1,204
3.	Already Bound Journals Received	8
4.	Bound Journals Accessioned	1,212

(Acc.No. J.64450 to 65661=1212)

24. Shrimati Hansa Mehta Library

F) Several Significant Abstracts/Indexing Journals Subscribed

1. Bibliographical Abstracts
2. Chemical Abstracts
3. Current Contents : Life Sciences
4. Dissertation Abstracts international Section – A
5. Human Resources Abstracts
6. International Political Science Abstracts.
7. Medicinal and Aromatic Abstracts
8. Physics Abstracts.
9. Psychological Abstracts
10. Sociological Abstracts

E. TECHNICAL DEPARTMENT

A) Books Catalogued and Classified during the year 2002-2003.

1. Books for University Library (Including SSMT Library)	3,655
2. Faculty of Technology and Engineering	3,626
3. Polytechnic	556
4. Faculty of Management Studies	532
5. M K Amin Arts College, Padra	69
6. Faculty of Performing Arts	180
7. Oriental Institute Printed Section	147
8. Faculty of Social Work	138
9. Faculty of Education and Psychology (CASE)	15
10. Faculty of Fine Arts	81
11. Water Resources Engineering and Management Institute	—
12. NASSIC	104

Total 9,103

B) Bound Journals of University Library

1,516

C) Total Books and Journals Catalogued and Classified

10,619

**D) Books for Uni. Lib and Faculty Libraries
Catalogue and Checked (Approximate)**

1,978

E) (1) Catalogue cards typed and written for University Library

11,237

(2) Catalogue cards filed for University Library

10,619

(3) Catalogue cards typed and written for Faculty Libraries

27,240

(4) Catalogue cards filed of Faculty Libraries

10,896

(5) Catalogue cards of Theses and Dissertations.

2,656

(6) Catalogue cards retyped approximately.

808

F) Approximately 65 transferred/replaced books were catalogued and classified and cards were typed and filed.

G) Around 75,000 Subject Index data was entered in computer for Subject Index Database.

F. STACK UNIT

i) Total Number of Books referred and shelved (Average per Year)	14,40,000
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24. Shrimati Hansa Mehta Library

ii) Shelving per day (Average)	5,000
iii) Binding of Books (per year)	2,400

G. CIRCULATION DEPARTMENT

1. Total Working days	296
2. Total Issues for Home reading per year	1,00,732
3. Average issues per day	370
4. Inter Library loan :	
A. Loaned Out	52
B. Received on Loan	6
5. Books and Bound Journals Processed and sent for shelving	
* Books	3,160
* Journals	525

H. READING ROOM AND CURRICULAR DEPARTMENT

i) Total Working days	343
ii) New Books received in Curricular Section	198
iii) Total issue from curricular section	1,08,231
iv) Average issue per day	517
v) Total visitors	9,96,564
vi) Average visitors per day	2,905

I. REFERENCE DEPARTMENT

1. Ref. Sources added	309
2. Orientation given to new readers/visitors & School Children	181
3. Visitors from Other Institutions	1,450
4. Number of Visitors (used reference sources)	5,080
5. General Inquiries attended per day	50
6. Theses and Dissertation :	

a) 226 Theses and Dissertations were added. Total Collection goes to 9,825

b) During the year, 1,598 readers consulted Theses & Dissertation.

c) The Library services extended to 1,450 users coming from various government organizations, NGO's, Banks, Industries & Other Educational Institutions.

7. Exhibitions. :

From time to time the Reference Section organizes exhibition of books and other reading materials on different topics suited to the occasion. This year the following exhibition was organized on the topic of :

1. Environment.

8. Facilities to Blind Students.

The Reference Section is also providing facilities to blind students. They availed of the audio facility for 30 times.

9. Pamphlet collection.

The Reference section has a collection of Pamphlets and prospectus giving latest information on education (both for Undergraduates and postgraduates) in foreign Universities especially U.K.

24. Shrimati Hansa Mehta Library

J. REPROGRAPHIC UNIT

1. The reprographic unit earned Rs.73,349.00 from photocopying services provided to the readers during 2002-2003.
2. The Unit also looks after the Audio/Visual services. The Audio-Visual equipment viz.. T.V., V.C.R., Micro Fische Reader and Tape Recorders and O.H.P. are played on alternate days to check their condition.
3. The teachers and students have been taking advantage of these services. The unit has xeroxed 97,798 copies for the students 8547 copies of official papers and 2045 copies of NASSIC office documents. Approximately 5000 users took advantage of the xeroxing facilities. 1995 official copies were cyclostyled during the year.

K. SIR SAYAJIRAO MEMORIAL TRUST LIBRARY

1. Visitors per day (average)	1,573
2. Books issued from curricular	210
3. Periodicals referred per day	73
4. Circulation Services	
A Total issue for home reading	49,050
B Average per day	171

L. LIBRARY REGISTRATION DURING THE YEAR 2002-2003

1. Teachers	07
2. Temp. Lecturer/ Teaching Assistant	164
3. Deposit Members	337 (Total of a-d)
a. Ex Student	277
b. Retired Teachers	19
c. Individual Member	35
d. Corporate Members	06
4. Registration Students	6,739 (Total of a-d)
a. Undergraduate	2,079
b. Graduate	2,434
c. Postgraduate	2,210
d. Bonafied	16

M. BRIEF REPORT ON FACULTY LIBRARIES

1. Prof. T.K.Gujjar Library

The Library caters to the need of the students of Engineering and Technology and also Pharmacy. It has good collection of 1,08,439 books. It has 1,715 theses & dissertations. The total membership is 3,272.

The following outstanding books were purchased from recurring and non/recurring grants.

1. Forensic structural Engineering Handbook. By Ratay, R. T. , 2000.
2. CRC Handbook of Chemistry and Physics. By Lide, D. R. , 82nd Education. 2001.
3. Material Science and Engineer Handbook, 3rd ed.,. By Shackel Ford J. F. & Alexa. 2001.
4. Handbook of Modern Pharmaceutical Analysis. By Ahiya. S & Scypinski, S. 2001.
5. Reliability, Maintenance and logistic support : a life cycle. By Kumar, U/ D. & Crooker, J. 2000.
6. Air pollution control Technology Handbook. By Schnell, K. B. & Brown, C. A. 2002.
7. Geotechnical Earthquake Engineering Handbook. By Day, R W. 2002.

24. Shrimati Hansa Mehta Library

8. Modern Welding Technology, 5th ed. By Cary, H.B. 2002.
9. Fast Analytical Techniques for Electric circuits. By Vorperian. 2002.
10. Applied Instrumentation in the process Industries. 2nd ed. by Andrew & Williams. 2002.
11. Pharmaceutical chemistry: therapeutics aspects of Bio-mecromolecules. By Bladon, C. M. 2002.
12. Cleanroom Technology: Fundamentals of Design, testing & operations. By Whyte, W. 2001.
13. Applied Instrumentation in the process Industries. 2nd ed. by Andrew, W. G.
14. Handbook of Heating Ventilation and Air-Conditioning. By Kreider, J. F.
15. Satellite Communications Systems : Systems, Technology. 9th ed. (Vol. 20). 2002.

2. Oriental Institute Library (printed section)

The Library has a rich & valuable collection of 48,412 books and bound periodicals. It also has large number of manuscripts which are very useful to scholars.

Notable reference books are :

1. Encyclopaedia of Indian Philosophies. Vol. 6 by K. H. Potter.
2. A course in Indian Astrology by N. E. Muthuswamy.
3. An Encyclopaedic Dictionary of SNAKRIT ON Historical Principles. Vol. 6 , part -7 by H. G. Ranade.
4. Kali : The Black Goddess of Dakshineswar by E. U. Harding.
5. The Comparative Study of Religions by A. G. Widgery.
6. A Critical Study of Paumacariyam by K. R. Chandra.

3. Polytechnic Library

This Library has a collection of 39,213 books and 1,301 Registered Members.

4. CASE Library

This Library takes care of B.Ed. & M.Ed. students and Ph.D. scholars, Researchers etc. It has a large collection of books theses & dissertations which are extensively used by Researchers. Even Scholars from entire country also visit this library.

5. M.K. Amin Arts College and College of Commerce, Padra

Has a collection of 13,765 books and caters to 741 students.

6. Faculty of Social Work Library

This Library caters to the need of social workers and students. It has collection of 12,986 books and dissertations.

Note Worthy titles added :

1. A Text Book of Preventive and Social Medicine by Park & Park.
2. Research Methodology by Kothari.
3. Human Resource Management in Hospital by Goyal R.

7. Faculty of Fine Arts

This Library takes care of the special needs of students and faculty members of Fine Arts and Aesthetics. 10,000 books of varied Arts form a rich collection of this library.

Note worthy titles:

1. The Story of Art by Gombrich, E. H.
2. Warli Paintings : Traditional folk forum Indian by Prakash, K.
3. The making of Modern Indian Art : The progressives by Dalmiya, Yashodhara.

24. Shrimati Hansa Mehta Library

4. Contemporary Indian Art other realities by Dalmiya
5. Wall Paintings of Rajasthan (Amber & Jaipur) by Chimino, Rosamaria.

8. Faculty of Performing Arts

This Library has a collection of 11,444 books on Drama, Music, Dance etc. It is used by the students studying for Diploma Courses besides Graduate & Postgraduate students.

Note worthy titles added :

1. Rangwar – drama criticism by Mahesh Champaklal.
2. Ek Aur Durghatna(Play) by Srivastava, Amitabh.
3. The Fire and the Rain by Karnad, Girish.
4. Three Sisters by Chekhov, Anton.
5. Indian Music and its assessment by Jahan, I

9. Faculty of Management Studies Library

This library has a collection of 4,705 books on management and related subjects.

Total number of 591 books are added during this year.

25. The M.S. University of Baroda Press

I. STAFF :

During the year the staff of the press consisted of a Press Manager, two Dy. Press Managers, a Senior Clerk, and two Clerks, one Copy Holder, Five other technical staff including D.T.P. Operators and Paster Cum-Artist and three Class IV employees. There are 26 permanent workers in the press.

II. MACHINERY :

The press has machinery worth Rs. 73,28,454 = 48 including two heavy duty Xerox machines including DTP System.

III. PRINTING ACTIVITIES :

During the year 312 question papers were printed and 4385 question papers xeroxed (including 662 DTP Xerox) and other question papers of open test were under taken 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, Prospectors, 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
01.	ICT in Education	CASE
02.	Policy and Issues in Teachers Education	CASE
03.	Priyamvadam Charitam	Oriental Institute
04.	कालिन्दा प्रकाश	Oriental Institute
05.	शाळाकीय पूर्व तेयारी भाग-२	ECD LRC Project Faculty of Home Science
06.	Economic Evaluation	Arts Faculty
07.	The Fiction of Amit Desai Toni Morrision Nayantrashagal	Arts Faculty
08.	Manscriptology and Textual Criticisum	Oriental Institute
09.	Studies in Museology	Faculty of Fine Arts

In addition the press also printed MSU Diary, MSU Calendar, and other publications of different faculties and departments and WSRC News letter.

IV. THE FOLLOWING JOURNALS WERE PRINTED DURING THE YEAR :

1. The Journal of the M. S. University of Baroda
2. The Journal of Oriental Institute
3. Swadhyay
4. Itivrut
5. Souvenir of different conferences
6. Madhyam
7. Social work Review.

V. UNIVERSITY STATIONERY UNIT :

The Unit is a service department of the University and is under the supervision and control of the University Press Manager. The Unit purchases and distributes stationery every quarter to all the Faculties and Institutions and University Office. The Unit consists of a Senior Clerk, Two Clerk, one Helper and one Pagi. During the year under report stationery articles worth Rs. 17,05,860.83 were purchased and stationery articles worth Rs. 17,24,322=00 were distributed.

26. Activities of Construction Division

1. Number of ongoing capital works and amount :-

Presently this office has following works in progress amounting to Rs. 372.50 lacs.

Sr. No.	Name of Work	Approx. Cost in Lakhs	Funding Agency	Status of Work
1.	Construction of Record Room	15.00	University Funds	Work is in progress
2.	Renovation to Faculty of Arts Building	75.00	U.G.C. IX & Earth Quake	Work is in progress
3.	Construction of University Canteen Building	05.00	University Funds	Work is in progress
4.	Extension to University Press Building	10.00	University Press Funds	Work is in progress
5.	Construction of P.R.C. Building	11.00	G.O.I. Funds	Work is in progress
6.	Renovation for Single Window	03.50	25% Dev. charge	Work is in progress
7.	Water proofing works	35.00	W/S Misc. Grant	Tenders Received
8.	Replacing G.I. Sheets at Tech. Auditorium	03.00	Dev. General funds	Tenders Received
9.	Maintenance Works	25.00	G.O.G.	Work is in progress
Total		182.50		

2. Number of works completed during 1.4.02 to 29.11.03 :-

Presently this office has following works in progress amounting to Rs. 372.50 lacs.

Sr. No.	Name of Work	Rs. in Lakhs Appro.	Budget Head	Approx. Date of Completion
1.	Extension to T.K.G. Library Building	40.00	U.G.C. IX Plan	December 2002
2.	Fencing to D.N. Hall Cricket Ground	07.50	U.G.C. and University Funds	May 2003
3.	Addition to Genome Research Center	13.00	G.O.I. Funds	October 2003
4.	Extension Law Faculty Building	06.00	U.G.C. IX Plan	April 2003
5.	Re-wiring to General Education Building	03.00	Faculty Development	August 2003
6.	Re-wiring at Faculty of Arts	02.50	Earth Quake Grant	October 2003
7.	Extension to Guest House Bldg.	10.00	U.G.C. IX Plan	September 2003
8.	Extension to Deep Foundation Building	20.00	U.G.C. IX Plan & Faculty Dev.	August 2003
9.	Extension to K.G. Hall	32.00	U.G.C. IX Plan	June 2003
10.	Aluminium shutters at Guest House	1.00	University Funds	September 2003
11.	Maintenance Works	25.00	University Funds	September 2003
12.	Construction of H.R.M. wing at Social work	25.00	Self Finance	January 2003

26. Activities of Construction Division

13. Earth Quake related works	95.00	U.G.C. Grant	December 2002
14. Extension to Faculty of Home Science Building	6.00	U.G.C. IX Plan	December 2002
15. Extension to Faculty of Fine Arts Building	6.00	U.G.C. IX Plan	December 2002
16. Electric Panel Board Room	0.65	Registration Fees	February 2003
17. Providing and erecting Panel Board at University Office	3.50	University Funds	August 2003
18. Extension to Faculty of Science Building	7.00	U.G.C. IX Plan	December 2002
19. Re Surfacing of University Roads	7.00	U.G.C. IX Plan	April 2002
20. Sodium Lights in University Campus	1.80	U.G.C. IX Plan	April 2002
21. Extension to University Main Office Building	4.00	U.G.C. IX Plan	April 2002
22. Extension to Faculty of Performing Arts Building	6.00	U.G.C. IX Plan	May 2002
23. Storm Water Drain at Donars' Plaza	2.00	G.O.G.	May 2002
24. Renovation at H.D.F.S.	1.00	U.G.C.	April 2002
25. Repairs at Metallurgy	1.00	U.G.C.	April 2002
Total	325.95		

3. Number of other works to be Executed :-

Sr. No.	Name of Work	Amount in Lakhs	Funding Agency	Status of Work
1.	Logo	2.00	25% Development Charge	Design being prepared by Fine Arts
2.	Cabinization	25.00	University Funds	Estimates being prepared
3.	Development of Donars' Plaza Land	25.00	University Funds	Funds to be allotted
4.	U.G.C. X Plan Buildings and Special Repair/Renovation Works	191.05	U.G.C. X Plan Grant	No proposal received from any one except Faculty of Home Science.
	Total	243.05		

27. M.S.University Union

The M.S. University Union is a statutory corporate body of the students and teachers for promoting academic, social sports and cultural interests and welfare of the students of M.S. University of Baroda.

The Union Executive Committee for the year 2002-2003 consisted of the following.

President	:	Shri K.S. Agrawal
Treasurer	:	Dr. S.K. Joshi
Vice –President	:	Shri Mehul V. Lakhani
General-Secretary	:	Shri Rutvij D. Joshi
Film Club	:	Ms. Yadav Poonam Jitendersingh- Convener
	:	Brahmbhatt Ketul Tarunkumar
	:	Kahar Shailesh Ganeshbhi
Indoor Games	:	Soni Maulik Yogeshkumar- Convener
	:	Kaptan Jignesh Ambalal
	:	Patel Kunal Ashokkumar
Hiking	:	Shah Ashutosh Ashokkumar- Convener
	:	Desai Jahabhai Anubhai
	:	Bhatt Bhuvnesh Hemantbhai
Badminton	:	Patel Dhruvkumar Thakorbbhai -Convener
	:	Shah Bhavik Mukundbhai
	:	Sunil Anand
Entertainment	:	Khunti Ashok Nathabhai -Convener
	:	Ahir Rajesh Dhirubhai
	:	Upadhyaya Raja
Public Relations	:	Pandya Nayan Prakashchandra-Convener
	:	Mashruwala Bhavin Harikant
	:	Yagnik Tathyanish Chandreshbhai
Emester	:	Gandhi Himanshu Bharatkumart- Convener
	:	Pandya Bindu Devendrabhai
	:	Rajyaguru Devdoot
Campus Beautification	:	Parekh Vijaykumar Jitendrabhai-Convener
	:	Purohit Harshit Harnish
	:	Bhanderia Mona Mansingh
Debates & U.N.O.	:	Dhanteja Rushivar Kanjibhai-Convener
	:	Helaiya Bhavin Kalubhai
	:	Patel Jigar Dineshkumar

NOMINATIONS OF FACULTY REPRESENTATIVES

- a) This year Syndicate had not nominated Faculty Representatives
- b) This year there were four casual vacancy on the executive committee, as the faculty of Management Studies, Performing Arts, Edu. & Psy., and Fine Arts students had not filled up nomination forms. Hence it was decided by the Executive Committee to get recommendation from Dean and to nominate students from these respective faculties to Executive Committee.

27. M.S. University Union

I UNIVERSITY BOARD OF SPORTS

- | | |
|-----------------------------------|--|
| 1) Shri K.S. Agrawal | - President |
| 2) Shri Mehul V. Lakhani | - Vice-President |
| 3) Shri Rutvit D. Joshi | - General Secretary |
| 4) Two students representatives : | - Not nominated from the Executive Committee 2002-2003 |

II The General Elections of the M.S. University Union was held on 7th September 2002. The President under 0.126 assigned different posts to the secretaries according to their choice and merit. The First meeting of the Executive Committee was convened by the President on 16th September, 2002 and the budget meeting was held on 3rd December, 2002. The Treasurer Dr. S.K. Joshi presented the budget for the year 2002-2003 and the Executive Committee unanimously pass the budget.

III This year M.S. University Union had organized Debates in various Languages Marathi, Hindi, Sanskrit, English, Gujarati from 25.2.2003 to 28.2.2003, Antakshari and Quiz on 26.2.2003 at Prof. C.C. Mehta Auditorium and Youth Festival Programme from 24th February to 28th February 2003. The Cultural contest like Mimicry, Mono Acting, Group Dance, Classical Dance on 25.2.2003 at Prof. C.C. Mehta Auditorium and Classical Vocal, Classical Instrument, Group Song and Single Act Play on 28.2.2003 at Prof. C.C. Mehta Auditorium. The Dayaro and Film Show were organized at Union Pavilion Ground and Winner show at the Home Science Faculty Garba Ground.

The names of winners in different Debate, Extempore Elocution, Instant Activities and Cultural Contest are as bellow.

YOUTH FESTIVAL 2002-2003

RESULT OF SET DEBATES

Date	Name of Trophy	Language	Remarks
25-2-03	Manchersha Wadia Trophy	English	Winner - Faculty of Science Nakul Akolkar Runner up - Faculty of Home Science Kinnari Pandya - Faculty of Tech. & Engg. Mohit Pal
26-2-03	S.A. Sudhalkar Trophy	Marathi	Winner - Faculty of Science Pratyush Patankar Runner up - Faculty of Arts Shrikant Gaikwad
26-2-03	B.N. Majmudar Trophy	Hindi	Winner - Faculty of Arts Rakesh Sharma Runner up - Faculty of Commerce Hemlatta Rajput - Faculty of Edu. & Psy. Chhatarsingh Mertiya
27-2-03	Sanskrit Mahavidyalaya Trophy	Sanskrit	Winner - Faculty of Edu. & Psy. Priyesh Joshi Runner up - Baroda Sanskrit Mahavidyalaya Sonal C. Shah
28-2-03	Pro-Vice-Chancellor	Gujarati	Winner - Faculty of Edu. & Psy. Vaishali Mehul Shah

27. M.S. University Union

- Runner-up - Faculty of Tech. & Engg.
 Dhaval Purohit
 - Faculty of Edu. & Psy.
 Tejas Desai

RESULT OF EXTEMPORE ELOCUTION

27-2-03	Vice-Chancellor's Trophy	English	Winner	- Faculty of Tech. & Engg. Mohit Pal
			Runners up	- Faculty of Commerce Sita Iyer
27-2-03	N.B. Bhatt Trophy	Gujarati	Winner	- Faculty of Edu. & Psy. Rohit Valand
			Runner-up	- Faculty of Mangt. Studies Ankur Dhami - Faculty of Science - Tanna Mewada
28-2-03	Prof. D. Subbarao Trophy	English	Winner	- Faculty of Tech. & Engg. Mohit Pal
			Runner-up	- Faculty of Science Nakul Akolkar - Faculty of Edu. & Psy. Nidhi Agrawal

RESULT OF INSTANT ACTIVITIES

26-2-03	Quiz		Winner	- Faculty of Medicine 1 - Sachin Goyal 2 - Sunil Gangwani
	Prof. Romy Mistry Trophy for Quiz		Runner-up	- Faculty of Mangt. Studies 1 - Shailendra Singh 2 - Ankur Dhami
26-2-03	Antakshari		Winner	- Faculty of Mangt. Studies 1 - Mitesh Nayak 2 - Chintan Khakheriawala
			Runner-up	- Faculty of Science 1 - Nidhi Gupta 2 - Shivani Kamdar

RESULT OF CULTURAL CONTEST

25-2-03	Mimicry		Winner	- Faculty of Tech. & Engg. Pathik Brahmakshatriya
			Runner-up	- Faculty of Arts Hinglaj Dan
25-2-03	Mono Acting		Winner	- Faculty of Commerce Dhrusti Joshi
			Runner-up	- Faculty of Arts Rakesh Sharma
25-2-03	Group Dance		Winner	- Halls of Residence 1 - Ekta Parekh 2 - Tarjini Devdhar

27. M.S. University Union

			3 - Uma Shekhawat 4 - Amrita Singh Deo 5 - Nabodita Sarkar 6 - Bhoomit Kariya
		Runner-up	- Education & Psychology 1 - Nandini Shah 2 - Jasmi Jayaprakash 3 - Madhumita Gupta 4 - Mamta Paul 5 - Ksh Sucheta Devi 6 - Megha Oza 7 - Priyanka Desai 8 - Pratiksha Shah 9 - Manisha Modi
25-2-03	Classical Dance (Solo)	Winner	- Faculty of Edu. & Psy. Jasmi Jaiprakash
		Runner-up	- Faculty of Science Ragini Jhah
28-2-03	Classical Vocal (Solo)	Winner	- Faculty of Edu. & Psy. Keyoor Joshi
		Runners-up	- Faculty of Commerce Shilpa Nair
28-2-03	Classical Instrument (Solo)	Winner	- Polytechnic Parth Shah
28-2-03	Group Song	Winner	- Halls of Residence 1 - Sandhya Babarwal 2 - Yukti Dave 3 - Jigisha Bhandari 4 - Krishna Engineer 5 - Jannatul Firdos 6 - Vallari Hood 7 - Ishita Roy 8 - Johana Lokhande 9 - Pranali Nanavati 10 - Nikita Vasava
	Dr. Manubhai D. Patel Trophy	Runner-up	- Faculty of Commerce 1 - Anvi Vaishnav 2 - Shilpa Nair 3 - Shweta Goswami 4 - Shreeji Nair 5 - Sreeja Venugopal 6 - Rachana Joshipura 7 - Nisha Alexander 8 - Sindhu Nair 9 - Bindu Nair
28-2-03	One Act Play	Winner	- Faculty of Medicine 1 - Dhruv Bibra 2 - Prabhjot Singh 3 - Venkatesh

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				4 - Pavan Goyal
				5 - Janavi Panchal
				6 - Radhika Rana
		Runner-up	-	Faculty of Edu. & Psy.
				1- Deepa Asnani
				2 - Apurna Pandya
				3 -Kushal Kapadia
				4 - Doliy Patel
				5 - Narjeet Kaul
				6 - Gyanprakash Darshi
				7 - Keyoor Joshi
One Act Play -		Acting Prize	-	Faculty of Medicine
				Pavan Goyal (Male)
			-	Faculty of Edu. & Psy.
				Narjeet Kaur (Female)

ATHLETICS

26-2-03	Individual Championship	Athletics	Winner	- Faculty of Arts
				Dinesh J. Gohel (Male)
				Faculty of Commerce
				Daksha S. Nayak (Female)

28A. Halls of Residence

During the year 2002-2003 in all 3506 students were admitted in the Halls of Residence. Out of which 2287 were boys and 1219 were girls.

A. Activities in the Halls:

1. On 05.08.2002, a dance party was arranged in the Common Room of the hostel to celebrate the Friendship Day.
2. On 15.08.2002, Independence Day was celebrated with a national flag hoisting ceremony on the terrace of the hostel.
3. On 31.08.2002, Janmashthami was celebrated with pot-breaking ceremony at night in front of the hostel, in which a large number of resident-students participated. During the day-time, a statue of Saraswati was installed in the Ground Floor Lobby of the hostel with a traditional ceremony.
4. On 10.09.2002, a tree plantation ceremony was held. Students planted trees in the South Garden of the hostel.
5. On 05.10.2002, NV Hall Day was celebrated with Dinner and Musical Night. Large number of students from the hostel and many resident-students from the neighbouring hostels enjoyed the music till late night.
6. On 26.01.2003, the Republic Day was celebrated.

General Information of the Halls of Residence:

1. In all the hostels Students Executive Committee was formed. Along with these committees a Central Executive Committee comprising students representatives from various hostels was constituted.
2. Auditing of hostel accounts of all the hostels was carried out by hiring a private Chartered Accountants Agency.
3. In most of the hostels White-wash, Oil Painting and Carpentry works were carried out with funds partially provided under ORM.

28B. National Service Scheme

INTRODUCTION

National Service Scheme (NSS) is sponsored by the Government of India, Ministry of Human Resource Development, Department of Youth Affairs & Sports and Commissionerate of Higher Education, Gujarat State, Gandhinagar. The scheme involves student youth in varied constructive activities contributing to the personality development.

National Service Scheme Unit at M.S University of Baroda is a centrally managed NSS Unit. NSS enrolled 1200 students with help of senior volunteers and NSS Programme Officers from different Faculties/Institutions of the University and involved them in varied activities during the year 2002-2003. A special input in increasing the student enrollment in NSS was made through involvement of MHRM students under the guidance of Faculty Lecturer and Programme Officer NSS. .

ORIENTATION PROGRAMMES :

Several orientation programmes were organized to help the newly enrolled volunteers to understand the scheme, its aims and objectives and contribution to the community through social service and skill development, to identify the project activities of his/her own interest and encourage students to participate in NSS with a voluntary spirit for social causes sharing how it indirectly contributes in personality development. Orientation programmes were followed by the agency visits to help new volunteers visualize the work and then develop the perspective for the NSS work.

AGENCY VISITS :

The agency visits were organized with the objective of orienting volunteers in services available in different fields and to develop sensitivity of the volunteers towards social realities. The agencies visited were :

1. Govt. School for Blind Children
2. School for Physically Handicapped Children
3. Home for Mentally Deficient children
4. After Care Hostel
5. Observation Home for Boys
6. Juvenile Home
7. State Home for Women
8. Pensionpura Slum and other social service agencies like Bosco Snehalaya, Olakh, Bhagini Samaj, Vikas Jyot, Pratham etc.

ACTIVITIES OF NSS :

The Activities of NSS are organized under the regular activities and special camping programmes.

Regular Activities:

The regular activities organized under different projects were as follows :

1. Environment Education/promotion Project
2. Institutional Service Project
3. HIV/AIDS – Life Style Education Project
4. Community Service Project
5. Creative Activity Project
6. National Integration & Communal Harmony Project

SPECIAL CAMPING PROGRAMME :

The details of the special camping programme organized during the year are as under :

28B. National Service Scheme

Sr. No.	Theme	Place	Duration	Activities undertaken
1.	Community development through Road Infrastructure	Chamunda Village, Vadodara	15/11/2002 to 24/11/2002	Literacy Campaign, Food and Nutrition, social awareness campaigns Road Construction
2.	Creation of Durable community Assets- Water shed Project	Vakhatpura	03/06/2003 to 10/06/2003	A unique check dam was constructed in the village for water conservation and other social awareness campaigns were carried out

WINTER CAMP AT CHAMUNDANAGAR (SINHAKUI) NEAR NANDESARI, VADODARA. (15th November to 24th November 2002)

Since 1976-77, emphasis under NSS has been on programmes of rural reconstruction and activities aimed at improvement of conditions of life of economically and socially weaker sections of the community. This year winter camp at Chamundanagar (Sinhakui) near Nandesari, Vadodara & summer camp was organized in Vakhatpura village in joint collaboration with SVADES, an NGO working for the village development.

The basic objective behind conducting the camp was to make the volunteers aware of the societal conditions prevalent in the rural milieu. The objectives were based on studying these problems and sensitize the group of volunteers to understand the unique socio, economic and cultural condition and life style of the tribes.

The NSS objectives primarily aimed at encouraging student leadership and personality development through management of NSS Camps.

- ❖ Making education more relevant to the present situation to meet the felt needs of the communities and supplement the education of university/college/school students by bringing them face to face with the community situation.
- ❖ To provide opportunities for the students to play their due roles in the implementation of various development programmes by planning and executing development projects, which not only help in creating durable community assets in rural areas and slums but also results in the improvement of the conditions of the weaker section of the community.
- ❖ Encouraging the youth to work along with the adults in the rural areas, thereby developing their character, social consciousness and commitment and thereby develop healthy and helpful attitude towards the community.
- ❖ Building up potential leaders among the youth by exploring the latent talent among the campers, both students as well as the local youth, with view to involve them intimately in developmental projects in the long run. The local leadership generated during the camps could also be useful in ensuring proper maintenance of assets created as a result of this camp.
- ❖ Encouraging youth to participate enthusiastically in the process of national development and promote national integration through democratic living and cooperative action.

Outcome and Impact :

The volunteers gained a lot of comprehension pertaining to socio economic conditions existing in this village further equipping them with the knowledge about the rural scenario and problems of our country. Furthermore the volunteers tried to reach out to the people and were to a certain extent successful not only in making them aware but also attaining a level of rationality that even the best education would find it difficult to imbibe. It helped the villagers to relate their problems and find solutions through community initiatives. The impact was far reaching to the extent that it worked not only towards equipping the rural class but also towards preparing the youth to face challenges in the future. The students' personality was moulded as they learnt more about group participation, leadership qualities, planning, organizing, and developing effective communication skills, conceptual abilities and decision-making. Last but not the least it made the volunteers better human beings not limiting themselves to the environment around them, but in their own little way contributing towards the improvement of mankind as a whole, beyond the barriers of caste, religion, creed and culture. Both the camps led to unique infrastructure creation like road and check dam eliciting public participation and personality development of students through rural social service with technical guidance and expertise.

28B. National Service Scheme

OUTSTANDING ACHIEVEMENTS/PARTICIPATION OF NSS FUNCTIONARIES :

Sr. No.	Name	Nature of Award	Participation
1.	Ms Mona Sharma Programmes Officer NSS & Research Officer Faculty of Social Work	Award for Excellence	International :Asia Region Consultation on Life Skill Education & Skill for Adolescents Place : Commonwealth Youth Programme Center Chandigarh Date : 11 th to 17 th Nov 2002 International Workshop & national conference on Theme centered Interaction Place : Warangal Hyderabad Date : 16 th to 18 th Jan 2003

Students (Participation/Awards)

State Level Camp

Sr. No.	Theme	Place	Duration	Activities undertaken	Prizes Won
1.	NSS Day Celebration	Palitana (Bhavnagar)	22/09/2002 to 24/09/2002	Eassay writing, Mona Acting, Patriotic song, Group songs, Skits, Group Dance.	1 st -Skit 3 rd – Solo Song

1. **Participation in R. D Camp at New Delhi**

Name of the student's : Mrinal Kanti Sao
 Nisha Pandey

2. **Participation in National Youth Convention at Tiruvanthapuram**

Name of the student : Sanjay Yadav

OTHER PROGRAMMES ORGANISED AND PARTICIPATION IN DIFFERENT PROGRAMMES :

Sr. No	Celebration	Date	Total no of Volunteers	Programme Highlight
1.	Independence day	15 th August	1500	Flag hoisting, celebration in social welfare agencies, rural Fieldwork areas and slum communities in urban areas.
2.	International Literacy day	8th September	100	Group Discussion, Debate and community awareness programmes by NSS volunteers in sub urban areas.
3.	International peace day	15th September	250	Poster competition and Group skit on communal harmony and National Integration
4.	NSS Day	24th September	100	Participation in state level Inter University Camps at Palitana (Bhavnagar District) of Gujarat.
5.	National blood donation day	1st October	250	Organized blood donation camp in Faculty of Social Work and Faculty of Commerce.

28B. National Service Scheme

6.	Gandhi week	2nd – 8th October	30	The week started off with a lecture on the "Philosophies of Gandhiji". The volunteers also visited the religious worship places of different communities. Essay, debate and best out of waste competitions were also conducted
7.	National integration day and Sardar Vallabhbhai Patel Jayanti.	30th October	50	On the occasion of Sardar Vallabhbhai Patel Jayanti a group discussion on famous leaders was conducted and National integration day was also marked in the slum area of Sanjay Nagar.
9.	Aids fortnight,	1st-15th December	55	Orientation programmes, group discussions, quiz competitions and community programmes were undertaken in the light of AIDS awareness. The NSS volunteers along with the Sr. MSW students organized few
	Human rights day	10th December		AIDS awareness programmes for the inmates of the Central Jail. A group discussion on the topic "Human Rights and Human Rights as to AIDS" was conducted
10.	Youth Week	12th-18th January	35	Inauguration of Youth Week at Ram Mandir, Munjmahuda in collaboration with "Swami Vivekananda Kendra". Elocution competition on "Swami Vivekananda" for volunteers. Celebration of Uttarayan with the children of Home for physically handicap. Visited Juvenile home for Boys and held elocution competition for the children of the home. Cricket match between Arts and Commerce NSS volunteers.
11.	International Womens Day	8th March	40	On the occasion of International Women's Day the volunteers prepared a collage on various eminent women personalities. A group discussion on the topic "Women's Empowerment" was carried out.

TRAINING & ORIENTATION CENTRE (N.S.S)

Training & Orientation Centre (NSS) is sponsored by the Ministry of Human Resource Development, Govt. of India under Department of Youth Affairs & Sports, New Delhi. The Centre caters to the training needs of the NSS personnel at different levels. The Centre also organized training programmes for NSS functionaries and provides research, evaluation and monitoring facilities for the better implementation of the NSS Scheme.

The Training & Orientation Centre (NSS) at the NSS, M.S. University of Baroda was restarted during the year 1999-2000. The Centre organized following training programmes for NSS Programme Officers of the University's well as +2 levels of the Gujarat State during the year.

Sr. No.	Nature of the Training Programme	No. of Courses organised	No. of Participants
1.	Orientation Training Programmes	7	178
2.	Refresher Training Programmes	1	14

28C. 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 a well disciplined members of the society. The students to 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 and 27 January every year. Various activities done by the students of M S University as NCC cadets are enumerated in succeeding paras

CAMP ACTIVITIES

2. A total 808 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) First Aid Training
 - (i) Signal Training
 - (j) Army Attachment
 - (k) Boat Pulling/Sailing
 - (l) Ship Modeling
 - (m) Gliding
 - (n) Flying
 - (o) Aero Modeling

CHIEF MINISTER SCHOLARSHIP

3. Following Cadets of the University were awarded Chief Minister Scholarship @ Rs. 50/- P.M. for the year 2002-2003
 - (a) SUO Anshu Malik - Faculty of Commerce
 - (b) SUO Vaidya Kunal - Faculty of Commerce
 - (c) Cdt Pancholi Manthan V. - Faculty of Commerce
 - (d) Cdt Bhavsar Jigar - Polytechnic College

REPUBLIC DAY PARADE

4. 06 Boys and 03 Girls from M S University of Baroda attended the Republic Day Parade 2003 at New Delhi.

28C. National Cadet Corps

OTHER ACTIVITIES

Enrolment

5. 750 Boys and 200 Girls cadets were enrolled from MSU Baroda during 2003-2004.

Guard of Honour

6. On eve of the M S University of Baroda Convocation day, on 15 Feb. 2003, the cadets of the M.S. University of Baroda presented a Guard of Honour to Prof. Arun Nigavekar, Chairman, University Grants Commission.

FLAG DAY

7. On 7 Dec. 2002 approximately 175 cadets collected voluntary donation from public places and handed over this collection to President Zilla Sainik Parishad of Baroda.

LOCAL RD CELEBRATION ON 26 Jan. 2003 at BARODA

8. During the celebration, Vice-Chancellor, M.S. University took the salute. Cadets from M.S. University participated in the city RD parade.
9. 101 cadets of MS University participated in National Level Camps and cash awards from M. S. University is still awaited.
10. Cadets of M S University participated in RDC attended Governor's 'At Home' at Raj Bhavan Gandhinagar on 02 Feb. 2003.
11. Cadets of M S University participated in Civil Defense Rally on 06 Dec. 2002.
12. Following cadets of M S University selected for commission :
- (a) Cdt Rituraj Singh
 - (b) Cdt Pravin Sharma
 - (c) Cdt Yeyati Petha
 - (d) Cdt Miss Rukshana
 - (e) Cdt Miss Mrudula Palore
 - (f) Cdt Mirza Zahid Baig

28D. Department of Physical Education

STAFF :

1.	Director	1 Vacant
2.	Asstt. Director (Men)	5
3.	Asstt. Director (Women)	2 (Vacant)
4.	Hockey Coach	1
5.	Two Coaches Post	Vacant

The following are the members of University Board of Sports:

1.	Prof. V.D. Pathak	Pro.Vice-Chancellor & Chairman of Board of Sports.
2.	Shri R. Rajagopalan	Sr. Staff Member of Department of Physical Education
3.	Prof. S.D. Punekar	Officer in-charge, Kho Kho
4.	Shri P.B. Thumar	Sr. Staff member of Department of Physical Education
5.	Shri Pragnesh Shah	Member of Syndicate
6.	Shri Ghanshyam Datar	Member of Syndicate
7.	Shri Nilesh Shukla	Member of Syndicate
8.	Dr. D.N. Nayak	Officer In-charge Cricket
9.	Shri G.D. Karhadkar	Officer In-charge Table Tennis
10.	Smt. Savitri Chelani	Officer In-charge Badminton (W)
11.	Dr. P.S. Shah	Chief Medical Officer, Health Centre
12.	Shri K.S. Agarwal	President, MSU Union
13.	Shri Mehul Lakhani	Vice-President, MSU Union
14.	Shri Rutvij Joshi	General Secretary, MSU Union
15.	Representative of	MK Amin College Padra
16.	Representative of	NCC
17.	Shri K. B. Desai	Uc. Director

TRAINING AND COACHING IN SPORTS AND GAMES

In the following games special coaching was given to the players during the year 2002-2003

Sr.No.	Event	Men	Women
01	Athletics	16	8
02	Badminton	14	5
03	Basket Ball	15	-
04	Best Physique	17	-
05	Cricket	70	25
06	Cycling	15	-
07	Foot Ball	31	-
08	Hand Ball	20	-
09	Hockey	18	-
10	Kabaddi	27	19
11	Kho-Kho	20	6
12	Swimming	150	48
13	Table Tennis	14	6

28D. Department of Physical Education

14	Volley Ball	18	20
15	Tennis	34	5
16	Wrestling	21	-
17	Judo	19	4
18	Yoga	18	7

PARTICIPATION IN INTER UNIVERSITY TOURNAMENTS :

The following teams were selected and have participated in the Inter University Tournaments in the year 2002-2003

Sr.No.	Event	Venue	
		Men	Women
1	Athletics	Gulbarga Uni. Gulbarga	Gulbarga Uni. Gulbarga
2.	Badminton	Dr. HS Gaur Uni. Sagar	Dr. HS Gaur Uni. Sagar
3.	Basketball	HT. Mumbai	--
4.	Best Physique	LNIFE, Gwalior	--
5.	Chess	M. Kam. Uni. Madurai	--
6.	Cricket	Amravati Uni. Amravati	Devi. Ahilya Uni. Indore
7.	Cycling	Uni. of Pune, Pune	-
8.	Football	Shivaji Uni, Kolhapur	-
9.	Handball	Annamali Uni. Chidambaram	-
10.	Hockey	Uni. of Mumbai	-
11.	Judo	Punjab University, Chandigarh	Punjab University, Chandigarh
12.	Kabaddi	Barkatullah Uni. Bhopal	MSU, Thirunelveli
13.	Kho-Kho	VT Uni. Belgaum	-
14.	Swimming	Calcutta Uni. Calcutta	-
15.	Table Tennis	JNV Uni. Jodhpur	-
16.	Tennis	Karnatak Uni. Dharwad	Uni. of Rajasthan, Jaipur
17.	Volleyball	MDS Uni. Ajmer	MG Uni. Kottayam
18.	Wrestling	CC Uni. Meerut	-
19.	Yoga	GND Uni. Amritsar	-

HIGHLIGHTS: (Sports achievements) (2002-2003)

Sr. No.	Name of the players	Faculty	Event	Remarks
1.	Aniruddha Gaekwad	Commerce	Cricket	Vizy Trophy (National)
2.	Sudeep Kale	Commerce	Cricket	Under 25 (National)
3.	Jayraj Bhosle	Commerce	Cricket	Under 25 (National)
4.	Shatrunjay Gaekwad	Commerce	Cricket	Under 25 (National)
5.	Ankil Anjolia	Commerce	Cricket	Under 17 (National)
6.	Salim Pathan	Commerce	Cricket	Under 17 (National)
7.	Dhanashri Vaishmapayan	MK Amin, Padra	Kabaddi (W)	National
8.	Kadam Jignasha	Commerce	Kabaddi (W)	National
9.	Shah Archana	Commerce	Kabaddi (W)	National
10.	Jalpa A. Trivedi	Arts	Cricket	National
11.	Manoj P. Madhu	Commerce	Football	Under 19 (National)
12.	Clayton Chateliar	Commerce	Football	Under 19 (National)

28D. Department of Physical Education

13.	Chunara Shailesh P.	Commerce	Kho-Kho	National games (Hydrabad)
14.	Ganesh Phadke	Commerce	Kho-Kho	National games (Hydrabad)
15.	Shaiv Harish	Arts	Kho-Kho	National games (Hydrabad)
16.	Amar Vaidya	MK Amin, Padra	Kho-Kho	National games (Hydrabad)

INTER FACULTY TOURNAMENTS :

S.No.	Event	Name of the player	Faculty
1.	Swimming	Deepak Sharma	Commerce
2.	Chess (Winner)	Ketan Thakaria	Tech. & Enginnering
3.	Chess (Runners up)	Tejas Sangameerker	Tech. & Engineering
4.	Table Tennis (Winner)	Trishul Desai	Tech. & Engineering
	Table Tennis (Runners up)	Ram Bhatt	Social Work
5.	Tennis - Singles (Winner)	Saumitra R. Yadav	Commerce
	Tennis- Singles (Runners up)	Milan Patel	Sanskrit Mahavidyalaya
	Tennis- Doubles (Winners)	Saumitra R. Yadav	Commerce
		Tushar R. Patel	Commerce
	Tennis- Doubles (Runners up)	Sameep Shah	Tech. & Engineering
		Vishal Desai	Tech. & Engineering

Sr.No .	Event	Winner (Faculty)	(Faculty)
1.	Cricket	Commerce	Arts
2.	Football	Commerce	Arts

Shri Dinesh Gohel, Faculty of Arts has won individual Championship in Annual Athletic Meet for men, Kum. Nayak Daksha S., Faculty of Commerce has won individual Championship in Annual Athletic Meet for women.

Shri Jayraj Bhosle, Faculty of Commerce has been awarded Ranji Award for Cricket.

INTER STAFF TOURNAMENTS :

Event	Winner	Runners-up
1. Cricket	Tech. & Engineering	Science
2. Badminton (Single)	Dr. P.C. Patel (Tech. & Engg.)	Dr. C.N. Murthy (Tech. & Engg.)
3. Badminton (Doubles)	Dr. Arunpratap (Tech. & Engg.)	Dr. P.C. Patel (Tech. & Engg.)
	Dr. C.N. Murthy (Tech. & Engg.)	Dr. J. Jadeja (Tech. & Engg.)
4. Table Tennis (Singles)	G.D. Karhadkar (Tech. & Engg.)	S.M. Deshpande (Tech. & Engg.)
Table Tennis (Doubles)	S.M. Deshpande (Tech. & Engg.)	G.D. Karhadkar (Tech. & Engg.)
	H.S. Chokshi (Tech. & Engg.)	A.N. Jejurkar (Tech. & Engg.)
5. Carom (Singles)	Mahesh Panchal (Science)	Salil Deshpande (Tech. & Engg.)
Carom (Doubles)	Mahesh Panchal (Science)	Salil Deshpande (Tech. & Engg.)
	A.N. Jejurkar (Tech. & Engg.)	Ashok Kahar (Tech. & Engg.)

28E. 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 Associations, Socials, Indoor Games and Tournaments.

28F. Foreign Students

The M. S. University of Baroda has always been attracting foreign students from various countries. The cosmopolitan characteristics 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 in the campus was at its peak in the academic year 1989-90 with 450 students. However, since then, the university has been witnessing a gradual fall in the foreign students. The total number of foreign students enrolled was 120 in 1995-96, 102 in 1996-97, 100 in 1997-98 and 198-99, 95 in 1999-2000 and 90 in the year 2001-02. In the year 2002-03 the total number of foreign students enrolled in the university is

These foreign students come from a large number of countries : Nepal, Bangladesh, Sri Lanka, Tibet, Palestine, Jordan, Ethiopia, Eritrea, Sudan, Egypt, Kenya, Somalia, Malaysia, South Korea, Germany and Japan. Almost half of these students are on Government of India scholarships under various cultural exchange programs. All these students from various nationalities interact among themselves as well as with Indian students on a regular basis of organising cultural and extracurricular activities.

28H. Baroda University Staff Association (BUSA) (Estd. 1963)

54th annual report
THE M. S. UNIVERSITY OF BARODA

THE ACTIVITIES OF NON-TEACHING STAFF ASSOCIATION (BARODA UNIVERSITY STAFF ASSOCIATION (BUSA))

1. With the meticulous efforts of the BUSA executives, the Group Mediclaim Scheme as responded by the teaching and non teaching members, due to which nearly 2500 members (including family members) have Joined the scheme with the help and co-operation of Univ. Authorities.
2. The benefits of the children welfare scheme have been extended from Basic Salary of Rs. 4500/- to 6,000/- for the school going children of the staff for which BUSA office bearers had put their efforts in various meetings.

Due to active participation and representation of BUSA Executives/Representatives the long pending issue of Part-time Temporary employees was taken up by Vice-Chancellor and implementation system of contract system was withdrawn.

The Meeting of the State Executive Committee was held where the office bearers of the Gujarat State College Administrative Employees Federation were invited and joint action committee was formed for the following long pending issues :

- (1) Benefit of Pension option
- (2) Parity in retirement age
- (3) Declaration of pay anomalies report
- (4) Lifting of Ban on recruitment
- (5) Transport Allowance for non-teaching staff.

Four meetings with the Vice-Chancellor were held to resolve long pending issues of the non teaching in general and BUSA in particular.

Due to constant efforts, BUSA is able to get Sanction Additional Supernumerary seats created for admission of Sons Daughter of permanent employees of the university to non-Professional under graduate courses i.e. in Faculty of Arts (10 Seats), Commerce (50 Seats), Home Science (5 Seats), Science (24 Seats) BUSA trying to get additional reservation at Chatan Balwadi & Exp. School. The Positive approach of the University authority was appreciated by BUSA.

Remuneration for Part-time staff enhanced considering increase in Dearness Allowance.

Class IV working at different part time Degree/Diploma courses at Polytechnic/Tech. Remuneration was revised considering Govt. of Guj. GR

As per CEFA agreement special interest rates for Housing Loan for Uni. Employee was accepted by HDFC and also accepted special rates for Processing charges.

Several representation was made to the GOG before the Act amended committee to include the participation of non-teaching staff in the Syndicate/Senate and earlier about 95 Senate Member had Signed the memorandum.)

BUSA establishes a cordial and constructive relationship with the administration for discussion and solving not only the problems of the non-teaching staff but also the problems of the administration and the Teacher/Staff Members.

Efforts are being made for Timely issue of Provision orders.

In the General Body meeting BUSA invited Dy Municipal Commissioner Mr. G.R. Khairnar to felicitate Govt. Nominee Senate Member Mr. P.A. Jani, Mr. Chhatt, Mr. K. K. Mehta, other Directors of Co-op Society and Dr. Vijay Panchal, Dr. V.K. Padana, & Mr. Raju Parikh for their Excellent achievement in academic work.

With the help of (Hero-Honda) TVS Co. BUSA will propose to organise Two Wheeler Loan Scheme for all Uni. Employees.

28I. The M. S. University Officers' Association

The Officers' Association, a non-formal body, was established in 1993 and is ten years old now. The aim of the Association has been to act as a positive helping hand to the administration in general and get actively engaged in the activities pertaining to the welfare of the community of officers. The Association also involves itself to safeguard the interest of the cadre of officers at the level of Asst. Registrar and above. The body has a strength of 26 members working in different institutions like University Press, Construction Division, Library system, Computer Centre, Health Centre, addition to the University Office and some of the Faculties.

The association has represented the problems pertaining to the cadre at different levels including University, State Govt., and U.G.C. etc. This task has been actively supported by the various bodies like BUTA, BUSA, Majdoor Sabha, Baxi Punch, etc. The demands of the Association have been also actively supported by the members of the various authorities of the University like the Syndicate, Senate etc.

At present the Association is actively engaged in having amicable solution to the pending problems of (a) parity of pay scales as recommended by U.G.C. (b) Creating the new positions at supervisory level and (c) application of scheme of 'Package Deal' formulated by the State Govt., with the co-operation of University officers and authorities.

The following are the office-bearers :

- (i) President : Dr. P.S. Shah – Chief Medical Officer
- (ii) Vice-President : Shri N.N. Shah – Chief Accounts Officer
- (iii) Secretary : Shri M.S. Mehta – Offg. Development Officer
- (iv) Treasurer : Shri K.N. Shah – Asstt. Director, Computer Centre

