

एतद्देशप्रसूतस्य सकाशादग्रजन्मनः ।  
स्वं स्वं चरित्रं शिक्षेरन् पृथिव्यां सर्वमानवाः ॥

All men on the earth may learn their respective duties  
from the Brāhmaṇa born in these countries.

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 दैन्यतिमिरने हरनारा

श्रीसयाजी विद्यापीठमां ज्ञानदीपने धरनारा  
सत्यं शिवं सुन्दरम्नो मंत्र अनंतर भणनारा



51st  
Annual Report

1999-2000

DETAILS

THE MAHARAJA SAYAJIRAO UNIVERSITY OF BARODA

## Visitor, Officers of the University and Heads of Institutions 1.4.1999 to 31.3.2000

Visitor  
Chancellor  
Vice-Chancellor  
Pro-Vice-Chancellor  
Registrar

Librarian

### DEANS

Faculty of Arts

Faculty of Science  
Faculty of Education & Psychology  
Faculty of Commerce

Faculty of Medicine

Faculty of Tech. & Engineering  
Faculty of Law

Faculty of Fine Arts

Faculty of Home Science  
Faculty of Social Work  
Faculty of Performing Arts  
Faculty of Management Studies.  
Faculty of Jour. & Comm.

### PRINCIPALS OF COLLEGES

Baroda Sanskrit Mahavidyalaya  
Polytechnic  
M.K. Amin Arts & Science College  
& College of Commerce, Padara

### HEADS OF RECOGNISED INSTITUTIONS

Director, Oriental Institute  
Director, Centre for Continuing Adult  
Education & Community Services.  
Director, The Baroda Museum &  
Picture Gallery.

: Shri Sundersinh Bhandari  
: Dr. ( Mrs.) Mrunalinidevi Puar  
: Dr. Anil S. Kane  
: Prof. Dipak Kumar De.  
: Prof. N.M.Pandya (I./c.Registrar upto 23.5.99)  
: Prof. H.V. Bhavanani ( From 24.5.99)  
: Prof. M. K. R.Naidu (as OSD) Upto 23.6.99 (B.N.)  
: Smt. Ila M. Maharaja ( I/c. Librarian) from 23.6.99 (A.N.)

: Prof. Maya Shah ( Upto 1.3.2000)  
: Prof. M.H.Siddiqui (Offg. Dean from 2.3.2000)  
: Prof. Bonny Pilo  
: Prof. (Smt.) Sneha M. Joshi  
: Prof. J.K. Syan (Upto 16.9.99)  
: Prof. S.K. Singh  
(Offg. Upto 4.11.99 & Dean from 5.11.99)  
: Dr. Kamal J. Pathak (Offg. Dean upto 18.8.99)  
: Dr. S. Chandwani (From 19.8.99)  
: Prof. S.G. Shah  
: Prof. J.R. Khedkar (as O.S.D. upto 5.5.99)  
: Prof. S.N. Parikh (From 6.5.99)  
: Shri P.D. Dhumal (Offg. Dean upto 30.6.99)  
: Prof. Dhruva Mistry (Offg. Dean from 1.7.99)  
: Prof. Anupama Shah  
: Prof. Anil S. Navale  
: Shri D.K. Bhonsale (Offg. Dean)  
: Prof. M.N. Dholakia  
: Prof. S.K. Tewari (Co-ordinator & Dean from 19.4.99)

: Dr. H.M. Pandey  
: Shri D.M. Patel (Offg. Principal)  
: Dr. Y.M. Naik

: Prof. R.I. Nanavati  
: Dr. (Mrs.) Kalpana R. Paralikar (Hon. Director)  
: Shri V.C. Verma ( upto 2.7.99)  
: Shri A.N. Khatri (upto 22.9.99)  
: Shri G.J. Champaneri (upto 31.3.2000)

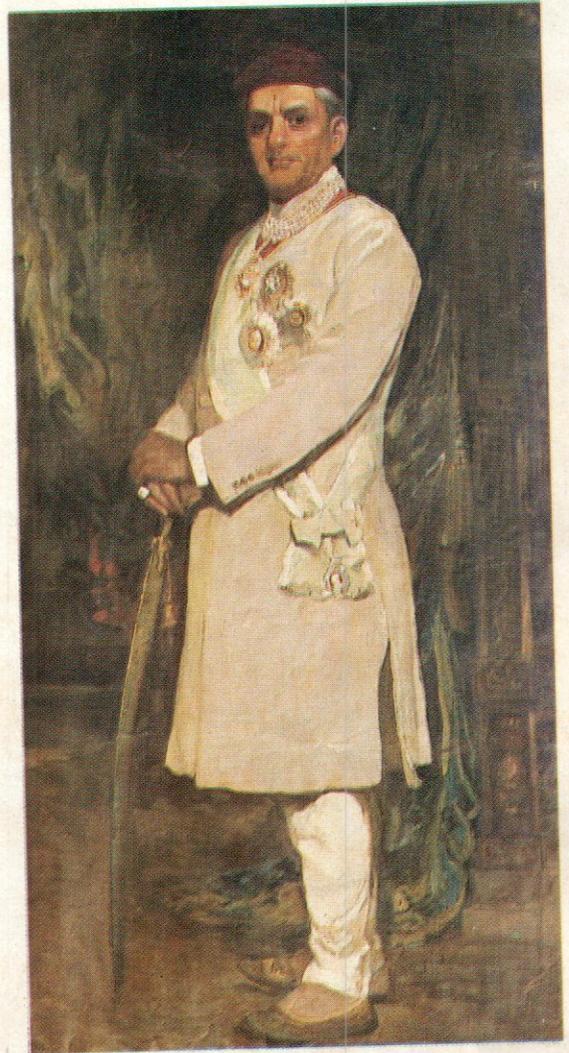
## The Annual Report Committee

- 1) Dr. Anil S. Kane, Vice-Chancellor, Chairman
- 2) Prof. V.D. Pathak, Pro-Vice-Chancellor
- 3) Shri J.B. Rajput, Syndicate Member, Convener
- 4) Shri Pragadesh Shah, Syndicate Member, Fac. of Commerce
- 5) Prof. Anil S. Navle, Dean, Faculty of Social Work
- 6) Prof. Nikhil Desai, Faculty of Science
- 7) Prof. Dhruv Mistry, Off. Dean, Faculty of Fine Arts
- 8) Dr. Farook Salat, Faculty of Arts
- 9) Dr. D.A. Sant, Faculty of Science
- 10) Smt. J. Mishra, Faculty of Commerce
- 11) Dr. Mini Sheth, Faculty of Home Science
- 12) Dr. Sanjay Desai, Faculty of Commerce
- 13) Kum. Bela Desai, Faculty of Tech. & Engg.
- 14) Dr. Vipul Kalamkar, Faculty of Science
- 15) Mr. Kashyap Parikh, Faculty of Fine Arts
- 16) Mr. Rupesh Shah, Faculty of Science
- 17) Dr. Debal Dasgupta, Faculty of Arts
- 18) Shri P.S. Bhoite, President BUSA, Fac. of Tech. & Engg.
- 19) Shri Mayank Rai, Faculty of Science
- 20) Dr. Sarah Ahmed, Shri M.K. Amin Arts & Science College and College of Commerce, Padra
- 21) Dr. Sarita Agarwal, Shri M.K. Amin Arts & Science College and College of Commerce, Padra
- 22) Dr.(Smt.) Pratima Desai, Development Officer, Member Secretary

## Faculty Level Committees

- Arts** Dr. Debal Dasgupta (Convener), Dr. K. Krishnan, Dr. Nita Bhagat, Ms. Mandakini Jha, Ms. Aradhana Bhonsle (Coopted).
- Science** Dr. A.M. Parikh (Convener), Prof. Surekha Devi, Dr. Anjana Desai, Dr. D. A. Sant, Dr. R.G. Panicker, Dr. Arun Arya.
- Education & Psychology** Dr. V.D. Thomas (Convener), Dr. N. Pradhan, Dr.(Smt.) V.M. Purandare, Dr. Mario Xavier, Dr. Sujata S., Mr. V.R. Acharya, Dr. K. Pushpanadhan.
- Commerce** Prof. J.R. Khedkar (Convener), Dr. S.N. Bansal, Dr. Amit Pandya, Dr. D.K. Chellani, Mrs. Nita Baloni, Mr. M.B. Majmundar, Mrs. Jayshri Mishra.
- Technology & Engineering** Shri N.M. Bhatt (Convener), Prof. H.J. Patel, Prof. P. Prabhakaran, Dr. D.C. Vakaskar, Ms. Bela J. Desai.
- Management Studies** Dr. J.D. Jadeja (Convener), Ms. Sunita Sharma.
- Performing Arts** Shri J.S. Gangani, Shri A.P. Chavala, Shri C.M. Pendse, Shri I.K. Pandit.
- Home Science** Dr. Mini Sheth (Convener), Mrs. Bhargavi Patel, Dr. Kavita Sharma, Ms. Dhruvi Mankodi, Dr. Neena Jaju, Dr. Anjali Pahad, Dr. Nandini Manjarekar.
- Baroda Sanskrit Mahavidyalaya** Dr. R.A. Shukla (Convener), Shri K.J. Purohit, Dilip A. Rajeshirke, Shri A.S. Patak, Shri V.B. Vyas.
- Oriental Institute** Prof. R.I. Nanavati (Convener), Prof. M.L. Wadekar, Shri P.H. Joshi, Dr. S.Y. Wakankar, Dr.(Smt.) M.P. Pathak, Shri R.A. Pandya, Shri B.C. Chauhan.
- Social Work** Prof. Anil Navle (Convener), Dr.(Smt.) Aruna Khasgiwala, Smt. Chhaya Patel.
- Medicine** Dr. D.C. Vyas (Convener), Dr. D.R. Trivedi, Dr. N.R. Pathak.
- Shri M.K. Amin Arts and Science College and College of Commerce, Padra.** Dr. Sarah Z. Ahmed (Convener), Dr. Sarita Agrawal, Shri Shailesh Amin.

My earliest convictions, as far as I can recall them, were concerned with the promotion of education among my people. I had begun to realise that it was the lever - the only lever - by which our country and our people could be moved from the inertia of ages that had weighed them down. The Baroda College was founded under my aegis in 1879, when I was quite a boy. There was then a widespread interest in higher education and it was hoped that the seed planted would grow into a strong and vigorous tree. Those hopes and expectations have been realised, for we have met to-day under the shade of the wide spreading branches of that tree, bearing the promise of a very fruitful future. We therefore owe it to ourselves to think on this occasion with a grateful and reverent memory of all those who with clear vision and foresight prepared the ground, took all thought to nurse this growing sapling, watered it with the sweat of their brow and breathed into the passionate breath of their souls.



(Extract from the book - "Speeches & Addresses of  
**His Highness Sayajirao III,**" Vol. IV., pp. 740-741)

## Preface

*It gives me immense pleasure in presenting the 51st Annual Report of the M.S. University of Baroda as we march into the new millennium, 1999-2000. It is an honor and privilege to be part of this premier Educational Institution, which has grown from strength to strength over the past 50 glorious year.*

*For a while it looked as though it is going to bust at the seams -with the staggering strength of students with limited resources and infrastructural facilities. However, determined and uncompromised efforts of continual commitment to students by adhering to scheduled programs, be it admissions and examinations at various courses or the election to the M.S. University Students' Union, had shown the mutual end result in working together.*

*At the academic front, degrees and diplomas were introduced keeping in mind the need for self-reliance. The academic pursuit of the faculty members individually and collectively has created a milestone in the annals of history, if one goes by the funds that have been ploughed into the University for various projects. It is indeed heartening to see when the entire campus is hiving in its search for excellence.*

*The M.S. University paid homage to the Kargil martyrs in a befitting manner. The entire University joined in a silent procession only to be broken by patriotic songs. The parents of the alumni of this University who were at the combat were felicitated and prayers were offered. The University joined the nation in its adversity and showed its solidarity by contributing its mite, a token collected from all at the university.*

*Fifty years of glorious existence and the culmination of the Golden Jubilee brought in a new initiative in the form of affiliation. The year 1999-2000 provided a platform for a healthy and constructive dialogue so as to meet the challenges that lie ahead. The process is on, since the issue is a path-breaking one. On the other hand, the University at the dawn of the new millennium witnessed the generosity of its NRI alumni in the form of 'guru-dakshina' to their alma mater. Efforts are initiated to place this prestigious University in the orbit of IT, in order to join the club of global village. The dreams are to connect all the Faculties through Internet and intranet and eventually link the connectivity to the city of Baroda-a dream of the millennium and it is only, the beginning.*

*I take this opportunity to acknowledge the continual support of University teachers, staff and the Students' Union for the healthy academic ambience and harmony that prevailed at all times.*



(ANIL S. KANE)  
Vice-Chancellor

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## 1. The Syndicate and The Senate

### SYNDICATE

#### Ex-Officio Members

1. Vice-Chancellor  
Dr. Anil S. Kane
2. Pro-Vice-Chancellor  
Prof. Dipak Kumar De
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 or 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 a Joint Director  
of Health Medical Services and Medical Education  
designated by such Commissioner

#### Two Deans Elected by the Senate

6. Prof. (Smt.) Sneha Joshi
7. Prof. Anil S. Navale ( From 4-3-2000)

#### One Professor Nominated by the Vice-Chancellor

8. Prof. V.D. Pathak

#### One Principal Elected by the Senate

9. Dr. H.M. Pandey (From 4-3-2000)

#### Six persons elected by the Senate From amongst its members who are Neither teachers nor employees nor Students of the University

10. Shri Nilesh J. Shukla
11. Dr. Prakash M. Shah
12. Shri H.S. Bochare (upto 3-3-2000)

13. Shri A. K. Mankodi ( Upto 3-3-2000)
14. Dr. Vasant M. Patel (Upto 3-3-2000)
15. Shri Harivadan J. Parikh (Upto 3-3-2000)  
Dr. Narendra Parmar (From 4-3-2000)  
Shri Cassim Unia (From 4-3-2000)  
Shri J.B. Rajput (From 4-3-2000)  
Shri R.C.Patel (From 4-3-2000)

#### One Head of Department elected by all Heads of the Departments

16. Dr. G.N. Shukla

#### Five Teachers of the University elected by the Senate

17. Dr. (Miss) Jayshree P. Mehta
18. Dr. L.M. Joshi
19. Shri Prafulchandra J. Patel (Upto 23-10-99)
20. Shri M.S. Deshpande
21. Dr. I.I. Pandya  
Dr. (Smt.) N.A. Shelat (From 4-3-2000)

#### Four persons nominated by the State Government

22. Shri Shirish Kulkarni
23. Shri Ajay Joshi
24. Shri Pragnesh Shah
25. Shri Ghanshyam Dalal

During the year 13 meeting of the Syndicate (11 Ordinary + 2 Special) were held in which 373 items were considered and resolved.

## 1. The Syndicate and The Senate

### SENATE

#### Ex-Officio Members

1. Chancellor  
Dr. Smt. Mrunalinidevi Puar
2. Vice-Chancellor  
Dr. Anil S. Kane
3. The last Ex-Vice-Chancellor Of the University residing in The State.  
Prof. V.C. Shah
4. Pro-Vice-Chancellor  
Prof. Dipakkumar De.
5. Registrar : Prof. H.V.Bhavnani (From 24-5-99)
6. Librarian : Vacant
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 a 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 a Joint Director of Health and Medical 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 a Joint Director of Employment & Training designated by such Director

#### Deans of the Faculties

12. Arts : Prof. Maya Shah (upto 1-3-2000)
13. Science : Prof. Bonny Pilo
14. Education & Psychology :  
Prof. (Mrs.) Sneha Joshi
15. Commerce : Prof. J.K.Syan (upto 16-9-99)  
Prof. S.K. Singh (From 5.11.99)

16. Medicine :Dr. S. Chandwani (From 19-8-99)
17. Technology and Engineering : Prof. S.G.Shah
18. Law : Prof. S.N.Parikh (From 6-5-99)
19. Fine Arts : Vacant
20. Home Science : Prof. Anupama Shah
21. Social Work : Prof. A. S. Navale
22. Performing Arts : Vacant
23. Management Studies : Prof. M.N.Dholakia
24. Journalism & Comm. :  
Prof. S.K.Tewari (From 19-4-99)

#### Principals of Constituent Colleges

25. Polytechnic : Vacant
26. M.K.Amin Arts & Science College & College of Commerce, Padra: Dr. Y.M. Naik
27. Sanskrit Mahavidyalaya : Dr.H.M.Pandey.

#### Heads of Recognised Institutions

28. Director, Centre for Continuing Adult Education & Community Services : Vacant.
29. Director, Oriental Institute : Prof. R.I.Nanavati
30. Director, Baroda Museum and Picture Gallery:  
Shri G.J. Champaneri  
(from 22-10-99 upto 31.3.2000)

#### Members of the Syndicate Falling under clause(vii) of Sub Section(2) of Section 23

31. Prof. V.D.Pathak.

#### Members of the Syndicate Falling under clause(x) of Sub Section(2) of Section 23

32. Dr.G.N.Shukla.

**1. The Syndicate and The Senate**

- All the Trustees of Sir Sayajirao Diamond Jubilee & Memorial Trust**
33. Her Highness Maharani Shantadevi Gaekwad of Baroda.
34. Shri Ramlal Parikh. (upto 20-11-99)
35. Shri.I. C. Patel.
36. Shri.M.B.Shah. (from: 24-3-2000.)
37. Shri R.P.Gaekwad.
- The Mayor of the Baroda Municipal Corporation**
38. Smt. Bhartiben.K.Vyas (upto 16-7-99)  
Shri Umakant Joshi. (From: 17-7-99)
- The President, Vice-President and General Secretary Of the M.S.University Union**
39. Dr.S.R.Pandya (upto 30-6-99)  
Dr.S.A.Saiyed (from 1-7-99)
40. Vice-President:  
Shri Amar Dhomse (from 1-2-2000)
41. General Secretary :  
Shri Parth Joshi (from 1-2-2000)
- Ordinary Members (Five Professors)**
42. Prof.Pravinchandra J.Patel, Arts.
43. Prof.Nikhil D. Desai, Science.
44. Prof.J.K.Syan, Commerce.
45. Dr.(Miss) Jayshree P.Mehta, Medicine.
46. Prof. H.J. Patel, Tech. & Engg.
- One Member each elected faculty wise**
47. Arts: Dr. L.M.Joshi
48. Science: Shri Prafulchandra J.Patel (upto 23.10.99)  
Dr. B.V. Kamath (From 27.1.2000)
49. Education & Psychology : Dr. (Smt.) N.A. Shelat
50. Commerce: Shri M.R. Vyas
51. Medicine: Dr. D.C. Master
52. Tech. & Engg. Dr. I. I. Pandya
53. Law: Vacant
54. Fine Arts: Shri M.S. Deshpande
55. Home Science : Dr. (Mrs.) Veena Gandotra
56. Social Work: Dr. Aruna S. Khasgiwala
57. Performing Arts: Shri H.D. Vyas
58. Management Studies:  
Kum. Meenakshi R. Chauhan (upto 7.10.99)  
Dr. (Kum.) Amita S. Kantawala (From : 1.12.99)
- One Member elected from each of the constituent colleges & recognised institutions**
59. Polytechnic: Shri N.K. Somani
60. Sanskrit Mahavidyalaya :Dr.Y.B.Oza (from 21-7-99)
61. M.K.Amin Arts & Science College & College of Commerce, Padra : Shri Shyam Agrawal.
62. Oriental Institute : Vacant.
- One Member each elected faculty wise by Registered Graduates**
63. Arts : Shri P.A.Jani.
64. Science : Shri Thakorbhair K.Patel.
65. Education & Psychology : Shri R.C.Patel.
66. Commerce: Shri Jayant.K.Chokshi.
67. Medicine : Dr.Prakash.M.Shah.
68. Tech.& Engg. : Shri J B Rajput.
69. Law. : Shri Narendra Tiwari
70. Fine Arts : Shri G.B. Nimbalkar
71. Home Science : Smt.Rajeshwari M. Trivedi
72. Social Work : Dr. Narendra Parmar
73. Performing Arts : Shri H.S. Bocharé
74. Management Studies : Shri A.K. Mankodi

## 1. The Syndicate and The Senate

- One Representative elected by Federation of Gujarat Mills and Industries, Vadodara**
75. Shri Rakesh S. Agrawal
- One Representative elected by the Heads of Secondary Schools in the University Area**
76. Shri Hariharbhai F. Patel
- One Representative elected by the Secondary Teachers in the University Area**
77. Shri Ramanbhai R. Patel
- Two representatives elected by the Members of the Gujarat Legislative Assembly**
78. Shri Dilubha T. Chudasama
79. Shri Yogesh Patel
- One Representative elected by the Registered Trade Union in the University Area**
80. Shri Vipinchandra R. Patel
- One Member elected by the Bar Council of the State of Gujarat**
81. Shri N.C. Shah (Upto 3-3-2000)
- Two Members elected by Donors**
82. Shri Nilesh J. Shukla
83. Shri Cassim M. Unia
- Fifteen persons nominated by the State Government**
84. Dr. Mayank J. Bhatt
85. Shri Hemant N. Vadalía
86. Dr. Vasant M. Patel
87. Shri Anshuman D. Gaekwad
88. Prof. N.M. Vashi
89. Smt. Gitaben Desai
90. Shri. Pravin Jaiswal
91. Smt. Tejal R. Amin
92. Dr. Farook Salat
93. Shri Himmatsinh Parmar
94. Shri Raishinh Dahima
95. Dr. Mahendra Dhopte

96. Dr. Jayraj D. Jadeja
97. Shri Harivadan J. Parikh
98. Shri Chinnam Gandhi

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

99. Shri Harshad H. Shah

### SENATE

Election meeting of the Senate was held on 22-2-2000 for the Election of the Members from the Senate under different constituencies to the Syndicate and Post Graduate Council.

- I. The Annual Meeting was held on 28-3-2000 which was attended by 64 Members.

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

1. Dr. Shankar Dayal Sharma
2. Shri Ramlal D. Parikh
3. Shri H. B. Zaveri

The Meeting was adjourned for half an hour after reading condolence resolutions as Shri Ramlal Parikh was a sitting Senate Member.

- II. Thirteen Members were assigned the Faculties.

The annual report and the annual accounts for the year 1998-99 were accepted :

The Financial Statement comprising the Revised estimates for the year 99-2000 and the Budget estimates for the year 2000-2001 were accepted :

The Pamphlet No. 18 of the Ordinances passed by the Syndicate were approved.

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

Institution of posts, 30 Gold Medals and 6 prizes were approved.

## 2. Other Authorities of The University

### I. COUNCIL OF POST-GRADUATE STUDIES AND RESEARCH

The Council of Post-Graduate Studies and Research met on 26th November, 1999, 21st March, 2000. Following were the principal items considered and recommended by the Council and subsequently approved by the Syndicate.

Dr. Shiv Pandey, Joint Director (R & D) Jai Research Foundation, Valvada was recognised as University Post-Graduate Teacher for guiding students for Ph.D. Degree in the subject of Chemistry in the Faculty of Science.

The recognition of Dr. B.V. David, Director of Jai Research Foundation and Dr. C. Tamilselvan, Head, Department of Environment, Fat and Metabolism, Jai Research Foundation, Valvada as Post-Graduate teachers in the subject of Zoology and Botany respectively under the Faculty of Science was withdrawn as they had left the institution as per O.Ph.D. 5 A (v).

The reports of the committee for recognition of Electrical Research and Development Association (ERDA), Baroda for Ph.D. programme in the subjects of (1) Mechanical Engineering and (2) Metallurgical Engineering (Mat. Tech. & N.D.T.) under Faculty of Technology & Engineering was accepted and ERDA was recognised for the said subjects for carrying out research work for Ph.D. Degree for a period of six years.

Reports of the Committee for Electrical Research and Development Association (ERDA) was accepted and ERDA was recognised for the subjects of Chemistry and Physics under the Faculty of Science for carrying out research work for Ph.D. Degrees for a period of six years.

The Council also considered and recommended for approval the items of pannels of Refrees to examine Ph.D. thesis in different subjects. Recognition of Teachers as University Post-Graduate Teacher 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) Registration for Ph.D. under O.Ph.D. 1 (i & ii) granting Eligibility for Ph.D. and M.Phil., Cancellation of Registration under Ph.D. 3 (VI) and other academic items.

### II. FACULTIES

There are Thirteen Faculties in the University. Meetings for each Faculty were held during the year (1999-2000) as shown below :

Sr. No.	Name of the Faculty	Date of Meeting
1.	Arts	05.01.2000
2.	Science	24.03.2000
3.	Education & Psychology	25.01.2000
4.	Commerce	24.03.2000
5.	Technology & Engineering (adjourned meeting held)	27.01.2000 06.03.2000
6.	Management Studies	25.01.2000
7.	Fine Arts	21.01.2000
8.	Performing Arts	10.01.2000
9.	Home Science	29.01.2000
10.	Medicine	19.01.2000
11.	Law	29.01.2000
12.	Social Work	07.01.2000
13.	Journalism & Communication	20.12.1999

### III. BOARD OF STUDIES

68 Boards of Studies in the different subjects met during the year 1999-2000 as shown below :

Sr. No.	Name of the Board of Studies	Date of Meeting
<b>FACULTY OF ARTS</b>		
1.	Sanskrit, Pali, Prakrit Language and Literature	17.09.99
2.	Persian, Arabic & Urdu Language and Literature	15.09.99
3.	Hindi Language	15.09.99
4.	Gujarati Language	15.09.99
5.	Marathi Language & Literature	16.09.99
6.	English Language	16.09.99
7.	Modern Ancient & European Language and Literature	08.10.99
8.	Sociology	17.09.99
9.	Archaeology Ancient History and Culture	18.09.99
10.	History	18.09.99
11.	Philosophy	20.09.99
12.	Linguistics	20.09.99
13.	Library & Information Science	21.09.99
14.	Political Science	21.09.99

**2. Other Authorities of The University**

15.	Economics	22.09.99
16.	Traditional Sanskrit Studies	22.09.99

**FACULTY OF SCIENCE**

17.	Physics & Metrology	18.12.99
18.	Chemistry	18.12.99
19.	Botany	14.12.99
20.	Zoology	14.12.99
21.	Biochemistry	15.12.99
22.	Microbiology	22.10.99
23.	Geology	16.12.99
24.	Mathematics	16.12.99
25.	Statistics & Actuarial Science	20.12.99
26.	Geography	17.12.99

**FACULTY OF EDUCATION & PSYCHOLOGY**

27.	Education & Educational Administration	23.09.99
28.	Psychology	23.09.99

**FACULTY OF COMMERCE**

29.	Banking & Business Finance	05.10.99
30.	Accounting & Financial Mgt.	06.10.99
31.	Commerce including Busin. Adm.	06.10.99
32.	Co-operation	07.10.99
33.	Business Economics	07.10.99

**FACULTY OF TECHNOLOGY & ENGINEERING**

34.	Technology (Textile)	20.11.99
35.	Textile Chemistry	20.11.99
36.	Civil Engineering	22.11.99
37.	Applied Mechanics	22.11.99
38.	Mechanical Engineering	24.11.99
39.	Metallurgical Engineering	24.11.99
40.	Electrical Engg. & Electronics	25.11.99
41.	Chemical Engineering	25.11.99
42.	Architecture	26.11.99
43.	Applied Physics	26.11.99
44.	Applied Chemistry	29.11.99
45.	Applied Mathematics	29.11.99
46.	Pharmacy	30.11.99
47.	Computer Science	30.11.99
48.	Water Resources Engg. & Mgt.	01.12.99

**FACULTY OF MANAGEMENT STUDIES**

49.	Management Studies	19.11.99
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**FACULTY OF FINE ARTS**

50.	Painting, Sculpture, Applied Arts Art History & Graphic Arts	21.12.99
51.	Museology	21.12.99

**FACULTY OF PERFORMING ARTS**

52.	Music (Vocal & Instrumental)	24.09.99
53.	Dance	24.09.99
54.	Dramatics	27.09.99

**FACULTY OF HOME SCIENCE**

55.	Human Development & Family Studies	01.12.99
56.	Food & Nutrition	02.12.99
57.	Home Science Extension & Communication	25.10.99
58.	Home Management	03.12.99
59.	Clothing & Textile	03.12.99

**FACULTY OF MEDICINE**

60.	Anatomy, Psychology & Bio-Chemistry	22.12.99
61.	Medicine & Allied Branches	15.11.99
62.	Pathology, Microbiology, Pharmacology & Forensic Medicine	16.11.99
63.	Surgery & Allied Branches	16.11.99
64.	Obstetrics & Gynaecology and Paediatrics	17.11.99
65.	Physiotherapy	17.11.99

**FACULTY OF LAW**

66.	Law	20.11.99
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**FACULTY OF SOCIAL WORK**

67.	Social Work	04.12.99
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**FACULTY OF JOURNALISM & COMMUNICATION**

68.	Journalism & Communication	20.12.99
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**FACULTY OF ARTS**

**MEETING HELD ON 5th January, 2000 :**

1. The courses for F.Y.B.A. to M.A. Level in the subject of Persian, F.Y.B.A. & S.Y.B.A. level in the subject of Arabic and Urdu and Certificate and Diploma Course in Persian and Arabic were revised and approved to be made effective from the Academic year 2000 to 2001 and onwards.
2. The Text Books for F.Y.B.A., S.Y.B.A. and M.A. Part-I in the subject of Marathi were prescribed and approved to be made effective from the Academic year 2000-2001.
3. The syllabus for & F.Y.B.A. Optional English and S.Y.B.A. (Major) was revised and approved to be operative from the Academic year 2000-2001 and T.Y.B.A. (Major) was approved to be operative from the academic year 2001 to 2002.

## 2. Other Authorities of The University

4. The Four Self-financing courses viz. (1) An Intensive Course in Technical Writing (2) A Remedial Course in Communication in English (3) A course in TOFEL & ILTE & (4) Academic writing course in English were approved to be made effective from the academic year 2000 to 2001.
5. Stream-B in compulsory English at F.Y.B.A. and S.Y.B.A. was discontinued to be effective from the academic year 2000-2001.
6. Separation of Board of Studies in German from the Board of Studies in Modern Ancient and European Language and Literature was approved and Statute 91 and 0.2 be got amended suitably.
7. The Self-financing "Intensive course for Advanced Learners in German-II" and the two additional (5-6 months) Self-financing courses i.e. (a) basic and (b) Intermediate course in Russian, French and German were approved to be implemented from the academic year 2000-2001.
8. The existing syllabus for M.A. Part-II, Group - D, Anthropology : Paper V Exploration of Human Diversity and Paper-VIII Ethnoarchaeology & Experimental Archaeology was revised and approved to be made effective from the academic year 2000-2001.
9. The syllabus of F.Y.B.A. to T.Y.B.A. in the subject of History was revised and approved to be made effective from the academic year 2000-2001.
10. The Criteria for admission to M.A. (History) course was revised and approved and to be implemented from the academic year 2000-2001.
11. The Entrance test for M.A. Part-I Level in the subject of philosophy was introduced to be made effective from the academic year 2000-2001.
12. "Indian Philosophy" was introduced in place of "Contemporary Philosophy" at M.A. Part-I Paper-I to be implemented from the academic year 2000-2001.
13. The syllabus of "Modern Western Philosophy" Paper-II taught at M.A. Part-I was revised and approved to be implemented from the academic year 2000-2001.
14. The courses of M.A. Part-I and M.A. Part -II of Linguistics was revised and approved to be made effective progressively from the academic year 2000-2001.
15. The syllabus of B.Lib. course was revised and approved to be implemented from the academic year 2000-2001.
16. The syllabi of the T.Y.B.A. Paper-IV, Paper-V & Paper-VI and M.A. Part-I and Part-II, optional Paper

- VIII A of Political Science were revised and approved to be made effective from the academic year 2000-2001.
  17. The U.G.C. approved P.G. Course in Human Rights in the subject of Political Science was introduced and approved to be made effective from the academic year 2000-2001.
  18. The syllabus of F.Y.B.A., S.Y.B.A. (Major & Minor) & T.Y.B.A. of Psychology was unitized without any change in the course content to be made effective from the academic year 2000-2001.
  19. The proposal to give re-admission only once at F.Y.B.A. and S.Y.B.A. level in the Faculty of Arts was approved.
  20. (i) 4 period/week/paper for teaching Mathematics course at F.Y.B.A., S.Y.B.A. (Major) & T.Y.B.A. respectively and (ii) one tutorial per week/per paper and (iii) one additional paper at F.Y.B.A. Mathematics was approved to be made effective from the academic year 2000-2001.
  21. The Unit wise syllabus of Geography at F.Y.B.A. to T.Y.B.A. classes were revised and approved to be implemented from the academic year 2000-2001.
  22. The syllabus of Mathematics of F.Y.B.A., S.Y.B.A. (Major and Minor) and T.Y.B.A. (Major) classes was revised and approved to be implemented from the academic year 2000-2001.
- (Note : Recommendations are approved by the Syndicate

### FACULTY OF SCIENCE

#### MEETING HELD ON 24th March, 2000

1. Approved the revised unit wise syllabus at F.Y.B.Sc. to M.Sc. classes in subjects of Botany, Zoology, Biochemistry, Geology, Mathematics, Geography, Physics, Chemistry, Statistics, Microbiology.
2. Approved the unit wise syllabus at PGDLT course in Biochemistry subject.
3. Approved the change of nomenclature of PGDLT to P.G. Diploma in applied Biochemistry.
4. Approved revised unit wise syllabus in the subject of Mathematics at M.Phil. course.
5. Approved unit wise syllabus in subject of Mathematics at F.Y.B.A., S.Y.B.A. (Major and Minor) and T.Y.B.A. (Major) classes in Faculty of Arts.
6. Approved revised unit wise syllabus in subject of Mathematics (optional paper) at F.Y.B.Com. class.
7. Approved revised unit wise syllabus in the subject of Geography at F.Y.B.A. to M.A. classes.

## 2. Other Authorities of The University

8. Approved new syllabus at M.A. Geography at par with the syllabus at M.Sc. Geography and also resolved that B.A. in Geography be eligible for admission to M.Sc. Geography.
9. Approved the revised scheme of teaching and examination from F.Y.B.Sc. to M.Sc.
10. Approved a self finance course in Bachelor of computer Application (BCA).
11. Approved a self finance course in B.Sc. Environmental Science at the Faculty of Science.
12. Approved a self finance course in B.Sc. Instrumentation at the Faculty of Science.

These recommendations are approved by Syndicate.

### FACULTY OF EDUCATION & PSYCHOLOGY

FOR THE YEAR 1999-2000 (MEETING HELD ON 25th January 2000)

1. Master of Educational Management (M.Ed. M.) course which was approved as a part-time course vide Item No. 7 (i) of the senate held on 9.4.99, is now approved as a 'Regular' course subject to approval of AICTE/NCTE.
2. Paper A : 2-Organisational Behaviour and Management in Education and A : 3 - Resource management in Education from the syllabus of Professional Diploma in Educational course were broke up into two parts with same course contents to run the course in both the semesters to be implemented from the academic year 2000-2001.
3. For Re-admission to F.Y.B.A. and S.Y.B.A. level the decision of the Faculty of Arts be accepted which states vide S.R. No. 20 (18) dtd. 31.5.2000 that Re-admission be permitted only once at F.Y.B.A. and S.Y.B.A. level at Faculty of Arts.
4. Course content of various papers of P.G. Dip. in H.R.D. course was restructured and approved to be made effective from the year 2000-2001.
5. Syllabus of F.Y.B.A., S.Y.B.A. (Major and Minor) and T.Y.B.A. in the subject of Psychology was unitized without any change in the course content to be made effective from 2000-2001.
6. For Introducing some course work at Ph.D. level the students registering for Ph.D. in Education from other disciplines may undergo Research Methodology course of M.Ed.

(Note : The above recommendations are approved by the Syndicate vide its R.No. 33 dated 3.3.2000)

### FACULTY OF COMMERCE

MEETING HELD ON 24th March, 2000

1. A new compulsory paper of Accountancy was introduced at S.Y.B.Com. level to be implemented from the academic year 2001-2002 for the students who are admitted to F.Y.B.Com. course in the year 2000-2001.
2. 'Taxation' paper was approved to be taught in place of 'costing and Income Tax' optional at S.Y.B.Com. level from the academic year 2001-2002.
3. The Syllabi of six papers of 'Accounting and Financial Management' taught at BBA Programme were approved.
4. The optional papers taught at M.Com. (Previous) and M.Com. (Final) in the subject of 'Accounting and Financial Management' were dispensed with from the academic year 2000-2001 respectively and 4 compulsory papers were approved to be taught at M.Com. (Previous) and 4 papers at M.Com. (Final) w.e.f. the academic year 2000-2001 and 2001-2002 respectively.
5. The management papers taught at BBA Programme were approved.
6. The Syllabus of practical studies in BBA Programme was approved.
7. The Syllabus of BBA Programme in the subject of Business Economics was approved.
8. The Syllabus of paper 'Economics of Development' taught at S.Y.B.Com. level was revised and approved to be implemented from the academic year 2000-2001.
9. The revised syllabus of 'Business Mathematics' (Optional Paper) taught at F.Y.B.Com. class was approved to be made effective from 2000-2001.
10. The admission criteria for F.Y.B.Com. was revised to be implemented from 2000-2001.

(Note : These recommendations are approved by the Syndicate vide its R. No. 26 at its meeting held on 24.3.2000.)

### FACULTY OF TECHNOLOGY AND ENGINEERING

MEETING HELD ON 27th January, 2000 and  
ADJOURNED MEETING HELD ON 6.3.2000  
approved the itmes of routine nature as under :

1. Approved the change of title of the subject Advanced Preparatory Weaving to Advanced Preparatory and Weaving and modify syllabus and same be made effective from the academic year 2000-2001.

## 2. Other Authorities of The University

2. Approved the change of title Processing of man-made Fibre course to production of man-made fibres FS of DTT-II, to be made effective from the academic year 2000-2001.
3. Approved the revised syllabi in the subject of Engg. Drawing-I and Engg. Drawing-II at F.S. of B.E. I (C.M.E., Ch. Met., Ein., Comp. IWM) & S.S. of B.E. I (M.Ch. Met.) to be implemented from the academic year 2000-2001.
4. Approved academically the introduction of M.E. (Mech.) course in Hydroturbo machines as specialization.
5. Approved the revised syllabi in the subjects of (1) (i) Engg. Drawing-I of F.S. B.E. I (2) (ii) Engg. Drawing-II & (iii) Thermodynamics of S.S. of B.E. I (3) (i) Dynamics of Machines-I & (ii) Alternative Energy sources of F.S. of B.E. II, (4) (i) Dynamics of Machines-II (ii) Production Technology & (iii) Dynamics of incompressible flow of S.S. of B.E. II, (5) (i) Ind. Engg.-I, (ii) Machine Design and (iii) Hyd. Machines of F.S. of B.E. III, (6) (i) Machine Design II, (ii) Prod. Tech. & Prog. Languages of S.S. of B.E. III, (7) (i) Automobile Engg.-I (Elective), (ii) Machine Design-I (Elective), (iii) Value Engg. (iv) Comp. App. in Mech Engg. (Elective) and (v) Machine Tool Engg. (Elective), (8) (i) Operation Research & Optimization Techniques, (ii) Prod. Design & Process Eval. (iii) Automobnile Engg. II (Elective), (iv) CAME-II (Elective), (v) Machine Tool Engg.-II (Elective), (vi) Machine Design-II (Elective) and same be implemented progressively from the academic year 2000-2001.
6. Approved in principle the introduction of two self finance course (1) Three Year Dip. in Electronics & 2.1/2 years Dip. in Information Technology.
7. Approved in principle the introduction of three semester self finance M.E. course in Optical Fibres Application.
8. Approved revised syllabi in the subject of Pharmaceutical-II and III at F.S. of B.Pharm-II and S.S. of B.Pharm.-II to be implemented from academic year 2000-2001.
9. Physics subject deleted from B.Pharm. course was approved.
10. Approved the revised scheme of teaching and examination and syllabus of B.Pharm. course.
11. Approved the updating of teaching scheme of M.Sc. (app. Mathematics) and P.G.D.C.A. course.
12. Approved the revised syllabus in the subject of Discrete Mathematics at III semester of M.Sc. (App. Mathematics).
13. Approved academically self finance 3 semester evening DCA programme.
14. Approved to replace the papers of Mathematics-I & II a taught at 1st & 2nd semester of MCA-I by Mathematics papers of 1st semester of MCA-I by present paper of Mathematics-II.  
Further, CBOM-I & II taught at 1st and 2nd Semester of MCA-II was replaced by CBOM- paper of 1st Semester of MCA-II.
15. Approved the revised scheme of teaching and examination for U.G. course of Computer Science and same be implemented from the academic year 2000-2001.
16. Approved the revised scheme of teaching and examination of M.C.A. course and same be effective from July, 2000 progressively.
17. Approved the self finance course of P.G. Diploma in Information Technology.
18. Approved the revised syllabus of design project (WRE) of B.E. IV (Civil) and same be implemented from the academic year 2000-2001.
19. Approved the eligibility for SEBC students for admission to B.E. I, B.Pharm-I & F. Text. (Engg. & Tech.) class after passing F.Y.B.Sc. examination.  
These recommendations are approved by the Syndicate.

### FACULTY OF PERFORMING ARTS

#### MEETING HELD ON 10th January, 2000

1. The Scheme of Teaching and Examination for all the courses under the Faculty of Performing Arts be approved.

### FACULTY OF HOME SCIENCE

#### MEETING HELD ON 29th January, 2000

1. Approved the title for various papers of B.Sc. (Home) Vocational courses of Food Science and Quality Control and same be implemented from the academic year 2000-2001.
2. Approved the revised course outline in course No. HSEC-453, 455 and 556 and same be implemented from the academic year 2000-2001.
3. Approved the semesterwise distribution of the courses in HSEC 652, 653 (a) & (b), 654, 553 and 650 and same be implemented from the academic year 2000-2001.
4. Approved the title and number of the courses HSEC 456 field-work in Examination and same be implemented from the academic year 2000-2001.
5. Approved the Semesterwise distribution of course HSEC 456 field work in extension and same be implemented from the academic year 2000-2001.

## 2. Other Authorities of The University

6. Approved the revised HM 379 Home Management Home residence course.
7. Approved the revised course outline of HM 280 and introduction of Human Ecology and HM 574 Environment and Human Ecology.  
These recommendation are approved by the Syndicate.

### FACULTY OF MEDICINE

#### MEETING HELD ON 19th January, 2000

1. Upgraded the B.Physiotherapy course from 3.1/2 years to 4.1/2 years (including 6 months internship) and same be made implemented from academic year 2000-2001 for new admissions.  
This recommendation is approved by the Syndicate.

### FACULTY OF LAW

#### MEETING HELD ON 29th January, 1999

1. The practice of deducting 1.5% marks for every attempt made by the candidate in the qualifying examination for the purpose of admission to any of the Law courses taught under the Faculty of Law was approved to be continued.
2. Recommendation of A.T.K.T. in two (2) papers instead of one (1) at Second LL.B. (General) in view of increase in number of papers was approved to be implemented from the May, 2000.
3. The title of the Paper-II of D.T.P. course was changed from 'Sales Tax Law and Practice' to 'Sales Tax Law and Practice' Law relating to Wealth Tax and Service Tax' and syllabus of the same was revised to implement from 2000-2001.
4. The syllabus of Paper-II, 'Economic Legislation'

taught at LL.M. Part-I was revised to implement from 2000-2001.

5. The syllabus of Paper-II and Paper-III taught at D.L.P. course was revised and approved to implement from 2000-2001. 'The Provident Fund Act' including the Scheme under Act' was shifted from Paper-II to Paper-III and distribution of marks was also revised accordingly.
6. In view of introduction of new curriculum, as per directives of the Bar Council of India, the Semester System is adopted and introduced instead of annual examination system from the year 2000-2001.  
O.261 be amended suitably.  
(Note : The above recommendations are approved by the Syndicate held on 24.3.2000).

### FACULTY OF JOURNALISM AND COMMUNICATION

#### MEETING HELD ON 20th December, 1999.

1. The general rules, scheme of Examination, Dissertation, Examination Fees etc. in the Master's programme in Communication studies were revised and approved and the same be implemented from the Academic Year 2000-2001.
2. The Admission Criteria and procedure for admission to Master's Programme in Communication studies was revised and approved and the same be made effective from the Academic Year 2000-2001.
3. The existing Paper-I 'Introduction of contemporary Society' syllabus was amended and approved and the same be made effective from the Academic Year 2000-2001.  
(Note : Recommendations are approved by the Syndicate)

### **3. Other Boards and Committees**

#### **I COMMITTEE OF DEANS OF FACULTIES & HEADS OF INSTITUTIONS**

Three meetings were held during the year i.e. on 6<sup>th</sup> May, 30<sup>th</sup> June, & 10<sup>th</sup> August, 1999.

At these meetings, matters pertaining to question of admission procedure, GOG resolutions regarding pay revision, revised rules of admission to the hostels, foreign students' registration hosting youth festival, status of teaching work, appointment of temporary teaching staff, appointment of University employees at various research schemes/projects etc. were discussed & subsequently approved by the Syndicate.

Matters regarding non receipt of Annual administration report, submission of the utilisation certificates of the 9<sup>th</sup> five year plan grant, were also discussed and subsequently approved by the Syndicate.

#### **II PRESS SUPERVISORY COMMITTEE**

Two meetings were held during the year, i.e. on 21<sup>st</sup> April & 21<sup>st</sup> October, 1999. Proposals for Purchase of different types of stationary materials, copier papers, one heavy duty photo copier, stitching machine, Automatic Disc Ruling machine, book, sewing machine, two nos. of GCSI Hard disk for "Apple" Macintosh colour classic computer, were discussed and were approved by the Syndicate.

Question of abrogating the present procedure of charging service charges on the distribution of stationary material by Uni. Stationary Unit and extension of computer room were also discussed & approved by the Syndicate.

Question of probation of some workers and fixing basic recruitment qualification for helpers was discussed and accepted by the Syndicate.

#### **III LIBRARY COMMITTEE**

One meeting was held on 16<sup>th</sup> September, 1999 while the following matter was discussed at length:

Highlight of the activities of the last Library Committee, confirmation of the utilisation of book funds, appropriation for books & periodicals, utilisation of U.G.C. grants and IIIrd installment of IX plan for books & periodicals, confirmation of the list of periodicals subscribed during the year were discussed and resolutions were accepted by the Syndicate.

Question of current status & future action plan computerisation was also discussed & resolution approved by the Syndicate.

#### **IV BOARD OF EXTRA MURAL STUDIES**

One meeting was held during the year i.e. on 2<sup>nd</sup> December, 1999. The grant under the Extra Mural studies for the year 1999-2000 was distributed to the faculties and colleges as per their fresh proposals.

Power of the Vice-Chancellor to select and finalise the names of the person/s to deliver lectures was vested to the Deans/Heads but for other activities like tours & exhibitions it was decided to approach the Vice-Chancellor.

Rules No.3 under chapter LX was also amended accordingly.

All the above recommendations were approved by the Syndicate.

#### **V ADVISORY COMMITTEE FOR THE HALLS OF RESIDENCE**

One meeting was held on 22<sup>nd</sup> April, 1999.

Report of the sub-committee for reviewing the faculty wise quota and admission policy etc. of Halls of Residence were briefly discussed and committees were formed accordingly.

Matter for preparation of seniority list for class IV employees was also discussed.

All recommendations were approved by the Syndicate.

## 4. Research Work in the University

I During the year 1999-2000, 136 students were enrolled for the Ph.D. degree. The faculty wise distribution of doctoral students for 1999-2000 and the cumulative total of doctoral students enrolled is shown in the following table:

Sr.no.	Name of the Faculty	Enrolment in 1999-2000	Cumulative total of students enrolled
1.	Faculty of Arts	47	300
2.	Faculty of Science	23	274
3.	Faculty of Education and Psychology	05	56
4.	Faculty of Commerce	08	77
5.	Faculty of Medicine	06	41
6.	Faculty of Technology and Engineering	28	146
7.	Faculty of Law	Nil	09
8.	Faculty of Fine Arts	04	55
9.	Faculty of Home Science	09	18
10.	Faculty of Social Work	Nil	14
11.	Faculty of Performing Arts	03	20
12.	Faculty of Management Studies	03	18
<b>Total</b>		<b>136</b>	<b>1028</b>

During the year 1999-2000, 7 new students were enrolled for the M.Phil. degree. The Faculty wise distribution of M.Phil. students for 1999-2000 and cumulative to be of M. Phil. Students enrolled is presented in the following table:

Sr.no.	Name of the Faculty	Enrolment in 1999-2000	Cumulative total of students enrolled
1.	Faculty of Arts	05	102
2.	Faculty of Science	02	15
3.	Faculty of Education and Psychology	nil	19
4.	Faculty of Home Science	nil	08
<b>Total</b>		<b>07</b>	<b>144</b>

### II RESEARCH SCHEMES FINANCED BY THE UNIVERSITY

For the year 1999-2000 the university funded research schemes were awarded to 31 teachers for the year 1999 to 2001.

Faculty/College	Teachers	Amount (Rs.)
Arts	03	0,88,000
Science	11	2,53,000
Commerce	01	0,27,000
Technology and Engineering	10	1,98,800
Medicine	03	0,66,000
Home Science	03	0,90,000
<b>Total</b>	<b>31</b>	<b>7,22,800</b>

#### 4. Research Work in the University

### III MINOR RESEARCH PROJECT AWARDED BY THE UNIVERSITY UNDER UNIVERSITY GRANTS COMMISSION UNASSIGNED GRANT

For the year 1999-2000 the university awarded schemes to 21 teachers.

Sr. No.	Faculty/College	Teachers	Amount (Rs.)
1.	Faculty of Science	06	88,000=00
2.	Faculty of Technology & Engineering	02	40,000=00
3.	Faculty of Home Science	03	30,000=00
4.	Faculty of Education & Psychology	04	15,000=00
5.	Faculty of Arts	03	30,000=00
6.	Faculty of Performing Arts	01	15,000=00
7.	Shri M.K. Amin Arts & Science College & College of Commerce Padra	01	15,000=00
8.	Oriental Institute	01	15,000=00
<b>Total</b>		<b>21</b>	<b>2,40,000=00</b>

### IV RESEARCH PROJECTS UNDERTAKEN FACULTY OF ARTS

Sr. No.	Name (s)	Title	Funding Agency	Grants in Rupees	Ongoing / Completed
<b>Department of Archaeology and Ancient History:</b>					
1	Patel, A. K.	Project Zooarchaeologist in the Excavations Conducted at Dholavira.	Archaeological Survey of India.	Nil.	Ongoing
<b>Department of Economics</b>					
1	Mehta, A.S.	"Globalization of Gujarat: Problems and Prospects"	UGC	10,000	Completed
		"Valuing Environmental Change: A Survey of Societal Response to Environmental Damage Control"	The M.S. University	30,000	Ongoing
2	Nanavati, A.U.	"Economic Evaluation of Functioning of Non-Governmental Organization"	Planning Commission's Centre for Research in Planning and Development, Department of Economics	Nil	Completed
<b>Department of English</b>					
	Bhattacharya, R.	"Translating Differences: Landmarks in Translation Practice in India in Fiction & Performance Texts from the Late 18 <sup>th</sup> Century to the Present"	Rama Watumull Trust, Honolulu, Hawaii, USA	All related expenditure while at USA	Ongoing
<b>Department of Gujarati</b>					
	Pandya, S.N.	"Dayaram Na Kavyo" (Edited Book)	Gujarat Sahitya Academy, Gandhinagar	Nil	Ongoing

## 4. Research Work in the University

### Department of Hindi

1	Kahar, B. N.	हिन्दीकी हास्य व्यंग्य कविताका पैरोडी साहित्य उद्भव और विकास	-	10,000	Ongoing
2	Shukla, I.	सांस्कृतिक पारंप्रक्षयमें आचार्य हजारीप्रसाद द्विवेदीके उपन्यासोंका अनुशीलन	UGC	10,000	Completed
3	Yadav, O.P.	गुजरात में राष्ट्रभाषा हिन्दीका प्रचार एवं प्रसार	UGC	10,000	Completed

### Department of History

	Mahmud, S.A.	Baroda in the 18 <sup>th</sup> Century	SAP in History	Nil	Ongoing
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### Department of Linguistics

1	Pandey, P.K.S.	"Phonological Data Base of Indian Languages"	UGC, Delhi	2,84,000	Ongoing
2	Pandey, P.K.S. & Anugrahim, A.	Phonological problems in the teaching of French literature to UG students	M. S. University	Not available	Ongoing

### Department of Political Sciences

1	Mohite, D.H.	Prospects of Peace in South Asia	Ford Foundation and Others	Travel etc.	Completed
2	Pantham, T.	"Swaraj and Justice"	ICSSR	M. G. National Fellow of the ICSSR	Ongoing

### Department of Sociology

1	Jha, M.V.	"Democracy and Governance: A Comparison of Six Indian Federal States" (In the capacity of a Regional Coordinator for Gujarat)	University of Heidelberg	Nil	Completed
2	Patel, P.J.	"Long Distance Familism: Social Linkages Between Western India and Britain: The Case of Patidars from Central Gujarat"	Indo-Dutch Programme in Alternatives in Development	Nil	Ongoing
3	Rajaram, N.	"A Study of Young Men's Perception of their own Reproductive Health in a Slum of Baroda"	Population Council	1,16,640	Completed
4	Xavier, M.S.	"A Sociological Analysis of Folk-Forms of Art and Literature with Special Reference to Lambada Tribal Society in A.P."	The M.S. University of Baroda Minor Research Scheme	28,000	Ongoing

### FACULTY OF SCIENCE

#### Department of Bio Chemistry

1	Naresh Kumar, G.	Development of genetically engineered phosphate solubilising <i>Pseudomonas fluorescens</i> .	DBT	11.59 lakhs	1995-1999 completed
2	Telang, S.D.	Membrane pathology in Schizophrenia.	Sheffield University.	4.0 lakhs	1996-1999 completed

**4. Research Work in the University**

3	Gupta, S.	Evaluation of antidiabetic potential of <i>Enicostema littorale</i> a natural herb.	DST	1.9 lakhs	1997-2000 completed
4	Gupta, S.	Studies on low level simultaneous exposure of lead and cadmium in pregnant and nonpregnant rats.	UGC	4.7 lakhs	1998-2001 ongoing
5	Padh, H.	Production of recombinant proteins: Development of Eukaryotic expression system.	NDDB	3.8 lakhs	1998-2000 completed
6	Padh, H.	Processing of Low Density Lipoproteins (LDL) and cardiovascular diseases.	DST	17.0 lakhs	1999-2002 ongoing
7	Jayshree, P.	Genetic engineering of Type II Polyketide synthase genes of presumptive producer strain of <i>Streptomyces</i> .	DBT	10.0 lakhs	1999-2002 ongoing
8	Padh, H.	Gene Expression in <i>Dictyostelium</i> .	CSIR	10.88 lakhs	1999-2002 ongoing
9	Begum, R.	Molecular aspects of <i>Dictyostelium discoidium</i> cell death.	CSIR	6.8 lakhs	1999-2002 ongoing
10	Naresh Kumar, G.	Cloning and characteristics of mineral phosphate solubilising genes from <i>Arabidopsis thaliana</i> DNA library.	DST	10.67 lakhs	2000-2003 ongoing
11	Ratnaprabha, C.	Study on spontaneous mutants to understand fidelity mechanisms in replication by genetic means in <i>streptomyces coelicolor</i> .	Univ Res. Scheme	12,000	April 1999-April 2001 ongoing
12	Ratnaprabha, C.	DNA repair mechanism in <i>Streptomyces coelicolor</i> .	UGC MRP	20,000	1998-2000 ongoing
13	Acharya, S. R.	Screening of Cellulase Producers.	Univ.Res. Scheme	12,000	1999-2000 ongoing
<b>Department of Botany</b>					
1	Bonny Pilo and Senan, G.P.	Conservation of Rare and Endangered Biodiversity of Gujarat	Gujarat Ecology Commission	55,00,000	Ongoing
2	Senan, G.P., Jasrai, Y.T. and Pradeepkumar G.	Major plant taxa of Gir Forest and their conservation status	Gujarat Forest Department	8,00,000	Ongoing
3	Daniel, M.	Allelopathic and phytochemical studies on some trees introduced in social forestry programme	UGC	2,73,000	Ongoing
4	Jasrai, Y.T. and Arya, A.	Induction of resistance to Panama disease through soma clonal variation in Banana	DBT, New Delhi	19,98,840	Ongoing

#### 4. Research Work in the University

5	Chirumamilla, N.	Development of <i>Pennisetum</i> - <i>Sorghum</i> addition lines for genetic variation and physical mapping	DST, New Delhi	3,08,718	Completed
6	Chirumamilla, N.	Identification of Isozyme diversity in <i>Pennisetum</i> species.	UGC Minor Research Project	15,000	Ongoing
7	Garge, S.K. and Joshi, A.G.	Development of Protocol for <i>Ailanthus excelsa</i>	Gujarat State Forest Department	1,50,000	Ongoing
8	Sandhya, K.G.	Spatil and spectral studies of salt affected soils	M. S. University	Not available	Ongoing

##### Department of Chemistry

1	Bhattacharya, P.K. & Kulkarni, N.D.	Structure, Magnetism and redox property relationship in binuclear complexes of transition metal ion.	DST, Delhi	32 Lakhs.	Ongoing
2	Shah, A.C.	Dupont Research Project.	Dupont India Ltd.,	1,95,000	Ongoing
3	Rakshit, A.K.	i. Studies of polymer monomolecular films : Materials for Electrooptic Devices. ii. Synthesis and Characterization of liquid crystalline polymers.	DST, New Delhi.	2.00 Lakhs.	Ongoing
4	Devi, S.G.	i. Development of blends of polyurethanes and polyacrylates and their nitrile rubber. ii. Development of PP/ABS blends and composites. iii. Microemulsion polymerisation of alkyakrylates/methacrylates and acrylonitrile as viscosity impressersers.	ISRO, Trivendrum	2,93,500	Completed
5	Nair, K.B.	Synthesis of new molecules having commercial potential.	Gujarat Alkalies and Chemicals Ltd., Vadodara.	Financial Assistance for one J.R.F. Rs. 2500/-p.m.	Ongoing
6	Ram, R.N.	Supported metal complexes as catalysts : Synthesis, characterization and catalytic activity.	CSIR, New Delhi.	4.0 Lakhs.	On going
7	Shah, S.R.	Synthetic studies towards Dynemicins.	UGC (Minor) New Delhi.	15,000	Completed
8	Kansara, S.S.	Preparation and properties of Castor oil based Polyurethane Adhesives and Coatings.	M.S. University, Baroda.	30,000 for Two years.	Ongoing
9	Soman, S. S.	Synthesis of benzofuro benzopyran derivatives as anticoagulent.	UGC (Minor) New Delhi.	15,000	Ongoing

**4. Research Work in the University**

**Department of Geography**

1	Bhatt, B.	Life Style of Migrated Schedule Tribes: A Geographical Perspective.	UGC Minor Research Grants	15,000	Completed
2	Kanchan, R.	Waste Disposal, Environment and Health: A case study of Nandesari GIDC	UGC Unassigned Grant	20,000	Completed

**Department of Geology**

1	Bhatt, N.P.	"Late Quaternary Geomorphologic & Tectonic evolution of the Western Saurashtra Coast".	Department of Science & Technology (DST)	10,72,000	Ongoing
2	Deota, B.S.	Environmental planning and management in parts of Quaternary landscape of South Gujarat.	UGC Unassigned grant	15,000	Completed
3	Karant, R.V.	Neotectonic and Palaeo-seismic Studies in Kachchh and Adjoining area.	DST, New Delhi	11,00,000	Completed
4	Patel, S.J.	Animal sediment relationship of the two benthic communities in the intertidal zone around Mandvi area, Gulf of Kachchh, Gujarat.	D.S.T. New Delhi	3,53,000	Ongoing
5	Tiwari, K.C. & Joshi, A. V.	Studies on South Gujarat Plains : Quaternary Sedimentation History and Neotectonism	Department of Science and Technology (Govt. of India, New Delhi)	5,45,000	Ongoing
6	Bhatt, N.P.	"Evolution of Diu island & adjoining coastline of South Saurashtra".	M.S. University of Baroda.	26,000	Ongoing
7	Limaye, M. A.	Metamorphic evaluation of mesoproterozoic rocks of Sirohi area, south Delhi fold Belt.	M.S. University of Baroda	28,000	On going
8	Patel, S.J.	Diagenetic evaluation of shallow marine tertiary carbonate sequences of western Kachchh.	M.S. University of Baroda	30,000	Completed
9	Sharma, N.	Petrogenetic Modeling of Alkaline And Carbonatitic Rocks of Chotaudepur, Area, Gujarat.	M.S. University of Baroda	30,000	Ongoing

**Department of Mathematics**

1	Dalbhide, M.	A unification of some generalizations of the Laguerre Polynomials.	The M.S. University of Baroda.	20,000 (1999-2001)	Ongoing
2	Kataria, H.R.	Wavelet Analysis.	UGC	15,000	Ongoing

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## 4. Research Work in the University

3	Gupta, S.R.	Parallel Implementation of Optimization Techniques & Application to Industrial Problems.	The M.S. University of Baroda	20,000 (1999-2001)	Ongoing
<b>Department of Microbiology and Biotechnology</b>					
1	Chattoo, B.B.	Bioprocess development & Genetic Manipulation in microbial system-Ph III.	Indo Swiss Collaboration, DBT, New Delhi	19,94,00	Completed
		Genetic Engineering of Rice Ph. III.	Rockefeller Foundation, USA	US\$ 84,000	Ongoing
		Improvement of fibre Jute for commercial use Ph. II.	UNDP's National Jute Development programme, DBT, New Delhi.	45,56,000	Ongoing
2	Chattoo, B.B.	Centre for Genome Research.	GSFC Science Foundation, Baroda	35,00,000	Ongoing
3	Rao, K.K.	Biological Nitrogen Fixation.	ICAR	5,21,365	Completed
4	Nerurkar, A.	Laboratory scale process for the microbial production of fruit juice clarifying enzyme.	UGC Short term project	10,000	Ongoing
5	Chhatpar, H.S.	Chitinolysis : Production of fungicide biocontrol.	GSFC Science Foundation	4,41,688	Ongoing
6	Desai, A.	Development of bench scale process for treatment of nitrate containing effluent.	GNFC, Bharuch	2,83,800	Completed
7	Desai, A.	Development of bench scale process for degradation of terephthalic acid and PTA plant effluent.	Reliance Industries, Surat	1,45,000	Ongoing
8	Bagchi, T.	Molecular analysis of <i>Helicoverpa armigera</i> susceptibility to <i>Bacillus thuringiensis</i> toxin.	Dept. of Science & Technology, Govt. of India	9,78,700	Completed
9	Bagchi, T.	Development of Monoclonal antibodies for the detection of <i>Brucella abortus</i> and blue tongue virus.	National Dairy Development Board, Anand	5,62,000	Ongoing
10	Nair, M.	Development of DNA based diagnostics for animal brucellosis and tuberculosis.	National Dairy Development Board, Anand	6,70,000	Ongoing
11	Nair, M.	Development of a thermophilic amylase from a local <i>Bacillus</i> .	International Foundation for Science, Stockholm, Sweden	5,20,000	Ongoing
12	Nair, M.	Regulation of an osmotically induced operon in <i>E.coli</i> by an alternate sigma factor.	University Scheme	12,000	Completed
13	Archana, G, and Nareshkumar, G.	Development of ..... <i>P. fluorescence</i> .	DBT, New Delhi	11,59,000	Completed
14	Vyas P.	Microbiological study of vermi compost	M.S. University	Not available	Ongoing

**4. Research Work in the University**

**Department of Physics**

1	Somayajulu, D.R.S.	Inbeam, off beam studies of hyperfine interactions.	IUC	-	Ongoing
2	Somayajulu, D.R.S.	Production and study of defects in semiconductors.	NSC	-	Ongoing
3	Singh, N.L.	Study of heavy ion induced nuclear reactions by excitation functions and recoil range distribution measurements.	IUC for DAE Facilities Calcutta Centre.	20,000/- per annum.	Ongoing
4	Sharma, A.C.	Optical and Transport properties of quantum wire system and quantum dot system.	DST, New Delhi.	7,03,536	Ongoing
5	Singh, J.P.	Role of $U(1)_A$ anomaly in splittings of baryonic couplings and masses.	DST, New Delhi.	6,06,240	Ongoing
6	Kanchan D.K.	Neutro Diffraction studies in amorphous solid electrolytes.	UGC	20,000	Completed
7	Jha P.K.	Dynamical properties of semiconductors and non-metals at high pressure.	UGC	15,000	Ongoing

**Department of Statistics**

1	Sreehari, M.	Reliability Studies in Random Environment.	CSIR	Contingency : 50,000/- Staff(SRF/JRF): 96,000/- 1,46,000/-	On-going
2	Desai, G.S.	Abortion seeking behaviour : A case study of urban slums in Vadodara.	P.R.C., Baroda	—	On-going
3	Das, N.P., Shah, U.T., Chitania, V.D., Panchal, N.V.	Women's reproductive health status in urban slums : A community based survey.	Govt. Of India	Regular grant of Govt. of India	Completed June, 1999
4	Parikh, A.M., Gandotra, M.M., Das, N.P.	National Family health survey (NFHS-2), Gujarat.	Govt. of India and USAID	23 lakhs	Completed
5	Gandotra, M.M., Das, N.P., Pandey, D, Shah, U.T.	Status women, Family Planning and Fertility.	Govt. of India approved project and funded by WHO	66544 U.S. \$	Completed Sept. 1999
6	Gandotra, M.M., Dey, D.	Multi indicator cluster survey in urban slums and rural areas of Gujarat.	Govt. of India approved project and funded by UNICEF, Gujarat	2.80 lakhs	Completed
7	Gandotra, M.M., Dey D.	Pulse polio immunization in Gujarat 1998-99 : An evaluation.	Govt. of Gujarat approved project funded by UNICEF Gujarat	90 thousand	Completed
8	Gandotra, M.M., Das.N.P.	Baseline survey under the RCH sub-project in Baroda district.	Govt. of India approved project funded by World Bank through RCH society of Badodasa district	4.99 lakhs	Ongoing

**4. Research Work in the University**

9	Gandotra, M.M., Dey, D.	Multi indicator survey in Dhar District, 1995.	Govt. of Madhya Pradesh approved project and funded by UNICEF, Madhya Pradesh	2.99 lakhs	Ongoing
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**Department of Zoology**

1	Bonny, Pilo	Conservation of rare and endangered biodiversity of Gujarat.	Gujarat Ecology Commission, Govt. Gujarat.	50,00,000	Ongoing
2	Ramachandran, A.V., Mankodi P.C. & Vachhrajani, K.D.	Assesment of water quality in major streams and rivers, ground water recharges in Gir PA and siltation rate in four reservoirs.	Wildlife division, Forest Dept., Govt. of Gujarat.	10,32,000	Ongoing
3	Ramachandran, A.V. & Vachhrajani, K.D.	Impact of economic development activities with special reference to mining/ industrial activities on lion habitat of Gir ecosystem.	Wildlife division, Forest Dept., Govt. of Gujarat.	7,29,000	Ongoing
4	Kumar, Dolly	Development of insectory in the Dept. of Zoology.	Science Ashram, Baroda	2,40,000	Ongoing
5	Parikh, P.H.	Studies on lesser known fauna of Gir PA with special reference to invertebrates.	Wildlife division, Forest Dept., Govt. of Gujarat.	8,23,000	Ongoing
6	Padate, G.	Breeding success of birds of agricultural importance.	ICAR, Govt. of India	9,17,840	Completed
7	Suresh, B.	Diversity and Ecology of earthworms	UGC, Minor research Scheme	15,000	Completed
8	Vaccharajani, K.D.	Protective role of thiol chelators against testicular toxic compounds	M. S. University	Not available	Ongoing

**FACULTY OF EDUCATION AND PSYCHOLOGY**

**Department of Education**

1	Biswal, A. Das, J.	Causes of Dropouts in B. Ed. and it's Associated Variables	UGC	SAP Contingency, 2000/-	Completed
2	Deota, N.P.	Developing an Instructional Material for the Teaching of Sanskrit Grammar at Secondary School Level (VII Standard)	U.G.C. Minor Research Project	3,750	Ongoing
3	Goel, D.R. Tomar, A. Khirwadkar, A. Das, A., Joshi, P.	Implementing CAI in Schools : An Experience	U.G.C.	SAP contingency grant @ 50,000/-	Completed
4	Goel, D.R., Das, A. Joshi, P.	Implementation of Children ETV in University Experimental School	U.G.C.	SAP contingency grant @ 50,000/-	Completed

**4. Research Work in the University**

5	Mani, R.S.	A Study of health Awareness of Higher Secondary Teacher Trainees and Higher Secondary Students of Baroda	U.G.C. Minor Research Project	3,750	Ongoing
<b>Department of Psychology</b>					
1	Daftuar, C.N. Biswas, U.	Study of Sexuality and Health Seeking Behaviour Among out of School Adolescents in Anand Slums	Population Council, New York.	1.56 Lacs	Nearing Completion
2	Bimla, P.	Development of Awareness about Needs and Causes of Mental Health and Ill Health Among School	M.S. University	10,000	Completed
<b>Department of Educational Administration</b>					
	Puspanadham, K.	A Study of Professional Culture of University Teachers	M.S. University	3,750	Ongoing
<b>Centre of advanced Study in Education</b>					
	Shelat, N.A. Mehta, A.	A Study of Language Competency at Std. VIII, Selected School of Baroda.	SAP, UGC	5000	Ongoing
<b>FACULTY OF COMMERCE</b>					
<b>Department of Banking and Business Finance</b>					
	Joshi, S.M.	Availability, Accessibility and Utilisation of Credit Facilities Extended by Banking Sector to Muslim Minority Community in Kachcha District of Gujarat	Ministry of Social Justice And Empowerment, New Delhi	1,07,000	Completed
<b>Dept. of Busi. Economics</b>					
	Nayak, D.N.	International Transfer of Technology to India: A Study of it's Impact on Indian Industry	M.S. University of Baroda	27,000	Ongoing
<b>FACULTY OF MEDICINE</b>					
<b>Department of Anatomy</b>					
1	Master, D. C.	1. Study of malformation & Down's syndrome in India (SOMDI)	Bhabha Atomic Research Center, Department of Atomic Energy, Trombay, Bombay.	7,80,000	Completed
		2. Jay Vignan Mission project on Community control of Syndromes awareness, screening, genetic counselling and prevention.	Indian Council of Medical Research, New Delhi.	68,00,000	On going

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## 4. Research Work in the University

Department of Pathology					
1	Patel, R.Z. Pandya, S.P.	1. Screening of Adolescent school girls for Anemia	UNICEF	1,00,000	On going
		2. Screening, Health, Education and Counselling of college students and pregnant ladies for Thalassemia.	ICMR	8,62,000	On going
Department of Peadiatrics					
1	Gandhi, D.J. Tailor D.	1. Efficacy of Cexixime in enteric fever	Burroughs Glaxo.	25,000	On going
		2. Roxithromycin in RIIS	Atembic	25,000	On going
2	Gandhi, D.J. Bharani, S.B. Chauhan, B.M. Shastri, K.	Long term outcome of PEM children in hospital and NRC	DMER, Govt of Gujarat	35,000	On going
3	Nayak, U.S. Shendurnikar, N.	Spirulina in childhood nephrotrics.	Department of Food & Nutrition, M.S.Uni. Baroda.	-	On going
4	Gandhi, D.J. Shukla, O.P.	Neonatal Hb. Status	Smt. Snehlata Shah	5,000	On going
Department of Physiology					
1	Pathak, N.R. Trivedi, D.R.	Psycho-physiological aspects of Pre-menstrual syndrome.	M. S. University of Baroda.	12,000	On going
2	Pathak, N.R. (In collaboration with Department of medicine)	Psychological intervention in treatment of Asthma.	M. S. University of Baroda.	30,000	On going
3	Pathak, N.R. Chandwani S. (In collaboration with Departments of Surgery and Biochemistry)	Pre-operative stress: A psychological intervention to reduce its complications	DMER, Govt. of Gujarat, Gandhinagar.	40,000	Completed
4	Pathak, N.R. (In collaboration with Departments of Medicine and Biochemistry)	A prospective study on serum lipids and Apolipoproteins in young hypertension and coronary artery disease (CAD) and influence of relaxation techniques.	DMER, Govt. of Gujarat, Gandhinagar.	40,000	Completed
Department of Preventive and Social Medicine					
1	Joshi, G. D. Solanki, D. M.	Goitre prevelance survey in Kheda district	Govt. of Gujarat	14,000	Completed
2	Kotecha, P. V.	1. Incidence study for measels in urban slums of Vadodara.	UNICEF	40,000	Completed
		2. Coverage of measels vaccine in urban slums of Vadodara city.	UNICEF	32,000	Completed

**4. Research Work in the University**

	3.	Prevalence of Anaemia in adolescent school girls of Vadodara district.	UNICEF	2,04,000	On going
<b>Department of Skin &amp; V.D.</b>					
1	Marfatia, Y. S. Parmar, S. Bansal, N.	Healthcare seeking behaviour of cases suffering from sexually transmitted diseases.	Population Council of India.	1,25,000	On going
<b>Department of Bio-Chemistry</b>					
	Shah V.N. Bhatt Y.H.	Sialic Acid levels in Cardiovascular diseases	M. S. University	Not available	Ongoing
<b>FACULTY OF TECHNOLOGY AND ENGINEERING</b>					
<b>Department of Applied Chemistry</b>					
1	Chudasama, Uma V.	Synthesis, Characterisation and Applications of some Hybrid Materials Metal Phosphonates.	AICTE	5 lakhs	Ongoing
2	Mahajan, R.	Synthesis and Characterisation of ferroelectric and other new liquid crystalline with unconventional molecular structure and study of binary systems.	CSIR	Contingency 50, 000/- p.a.	Ongoing
3	Murthy, C.N.	Investigation into the role of Metal ions in polyurethanes for biomedical & electrical conducting applications.	UGC	3 lakhs	Ongoing
4	Murthy, C.N.	Structural enhancement of PMMA	AICTE	4,20,000	Ongoing
5	Murthy, C.N.	Role of Metal ions in the structural enhancement of PMMA	MSUB	15000/-p.a.	Ongoing
6	Dave, J.S.	New Thermotropic Liquid Crystalline Materials, their structure property relationship and Mesomorphism Characterisation.	UGC (Major)	2,76,960	Ongoing
7	Dave, J.S.	New Liquid Crystalline Polymers with Azo and Azomethine control linkages.	UGC (Minor) MSUB	15,000	Ongoing
8	Bharambe, D.P.	Synthesis of Pour-Point Depressing polymer Additives.	SJF, ONGC, Baroda sponsored.	33,850	Completed
9	Prajapati, A.K.	Effect of Literal substituents on mesomorphism.	UGC Unassigned.	15,000	Ongoing
10	Sudhakar, P.P.	Development of Waste water treatment Technology using expression residue of olive seeds.	M.S.Univ. New Res. Scheme.	30,000	

**4. Research Work in the University**

**Applied Maths**

1	Pathak, V. D. & Vakaskar, D.C.	Modernization of Institute Laboratory	A.I.C.T.E. (Modrob project) (For year 1999-2001)	10,000,00	Ongoing
2	Shah, B.M.	Wavelet Transform and its Applications in Signal processing	Minor Research project under U.G.C. unassigned grant.	20,000	Ongoing
3	Ramamohan, S. & George, R.K.	Development of Theory & Software for Artificial Neural Network.	A.I.C.T.E.	6,00,000	Completed

**Applied Mechanics**

1	Patodi, S. C.	Computer Assisted Education in Structural Engineering.	All India Council for Technical Education, New Delhi.	12 Lakhs	Ongoing
2	Darji, P. V. and Rathod, J.B.	Early strength of flyash mortars with high quantity of flyash under action of CO <sub>2</sub> and other catalyst.	Silver Jubilee Research Fellowship for research in Engg. and Technology, Dec. 1999	15,000	Ongoing.
3	Joshi, N.H.	Micromerements and Numerical Analysis of Ultrafine Grouts and Grouted mass.	A UGC Minor Research Project.	25,000	Ongoing.
4	Shah, A. K.	Detection of flow in concrete specimens by resonant frequency measurement using Impact resonance method.	Submitted –Experimental facilities were availed attentively at laboratory of ERDA, Vadodara.		Completed

**Applied Physics**

1	Potbhare, V. N.	Level Density of deformed nuclei using spectral distribution method	DST		ongoing
2	Pratap, A. & Potbhare, V. N.	'Study of the atomic interactions and vibrational dynamics of binary and ternary amorphous metallic systems'	UGC, New Delhi (Govt. of India)	2.84 lakhs	Ongoing
2	Pratap, A.	'Nucleation and Growth of glasses using DSC technique	AICTE, New Delhi (Govt. of India)	5 lakhs	Ongoing
3	Narayanamurthy, C. S.	Real Time Holographic Metrology using Bi <sub>12</sub> TiO <sub>20</sub> real-time Holographic Phase shifting Interferometry for industrial metrology	DST (Govt. of India)	8 lakhs	Ongoing
4	Narayanamurthy, C. S.	Development and Fabrication of High power quantum laser diodes	AICTE, New Delhi (Govt. Of India)	5 lakhs	Ongoing
5	Panchal, C. J.	Development of OSL measuring unit & its Applications	Department of Atomic Energy, Board of Research for Nuclear Science(BRNS), BARC (Govt. Of India)	23.6 Lakhs	Ongoing

**4. Research Work in the University**

6	Gandhi, Y. H.	Use of regional language in the computer application and internet.	M. S. University	25,000	Ongoing
		COSL measurements to investigate the dependence of the bleaching efficiency on the wave lengths	UGC	Not available	Ongoing
<b>Mechanical Engineering</b>					
1	Nanavati, J.I.	Computer Vision Project	AICTE, New Delhi.	10 Lakhs	On going
2	Prabhakaran, P.	Heat Transfer during Film Condensation of an Environmentally Friendly Refrigerant Vapour On High Performance Enhanced Surface Condenser Tube Bank.	U.G.C., New Delhi.	5,35,000	On going
3	Manglani, A.K.	Refrigeration and Air-Conditioning Laboratory Modernization.	AICTE, New Delhi.	5 Lakhs	Ongoing
4	Mistry, K.S.	Control System Laboratory Modernization.	AICTE, New Delhi.	5 Lakhs	Ongoing
5	Karhadkar, G.D. & Kamble, L.V.	A Thrust area project on "Non-traditional Machining Processes".	AICTE, New Delhi.	7 Lakhs	On going
<b>Metallurgical Engineering</b>					
1.	Patel, M.N.	Ueld bending of stainless steels	M. S. University	Not available	On going
2	Chauhan, B.J.	Study of shape memory materials	M. S. University	Not available	On going
3	Soman, S.N.	Welding and licatised corrosion studies of austenitic stainless steels w.r.t. NM syergistic effects	M. S. University	Not available	On going
<b>Pharmacy</b>					
1	Murthy, R.S.R.	Enteric coated /encapsulated chorine chloride (consultancy project)	Vam Organic Chemicals Ltd.	12,000/-	Completed
2	Yadav, M.R.	"Design and Development of New Drugs with potential Applications in Inflammatory Disorders"	AICTE,NEW DELHI	10.00 lacs	Ongoing
3	Rajput, S.J.	Study of Lyotropic Liquid crystal relevant to Drug formulations	AICTE,NEW DELHI	5.5.lacs	Ongoing
4	Giridhar, R.	"Design and Development of Potential Antimalarial Agents" R & D Project	AICTE, NEW DELHI.	6.00 lacs	Ongoing
5	Nagar, P.A.	Treatment of Lathyrism in Rat- A model for Marfans syndrome	AICTE, NEW DELHI.	6.00 lacs	Ongoing
6	Sawant, K.K.	Investigation on interactions of chitosan with some drugs.	M.S.University, Baroda	12,000/- two years	Ongoing

## 4. Research Work in the University

7	Nagar, P.A. & Rathod, S.P.	Treatment of Lathyrism in Rat- A model for Marfans syndrome	AICTE, NEW DELHI.	6.00 lacs	Ongoing
8	Mashru, R.C.	Studies inclusion compounds of some antibacterial drugs with B-cydodextrin & their analysis	M.S.University	12,000	Ongoing
	Mashru, R.C.	Bioanalysis of anticancer drugs	U.G.C.	20,000	Completed. Report submitted.
<b>Textile Chemistry</b>					
1	Patel, B. H.	"Improve dyeability of cotton fabric with heat treatment.	U.G.C.	15,000	On going
2	Bangalore, V.A.& Mankodi, H.R.	Development of prototype draw winding unit to study different aspects of draw winding	MCF/SJF/Baroda Rayon Co. Research fund for teachers of Textile Engg. Dept.	40,000	On going
3	Bhattacharya, S.S. & Koranne, M.V.	Manufacturing Air jet type bulked yarn without use of air	AICTE (Govt. Of India)	10.35 lacs	Ongoing
4	Shah, N.N. & Patel, P.C.	Evaluation of some mechanical properties of manmade fibers Industrial fabrics	MCF/SJF/Baroda Rayon Co. Research fund for teachers of Textile Engg. Dept.	40,000	On going
5	Patel, P.C. & Bhawalkar, D.M.	Studies on Jet-Ring tandem spinning technology	Shri Maganbhai B.Patel Fellowship Research Grant	15,000	On going
6	Vernekar, S.T. & Kanade, P.S.	Study of Mechanical properties of textile materials at different temperature level in dry and liquid bath on Instron Tensile Tester	M.S.University, Baroda	12,000	On going
7	Sanghadia, J.B.	Development of new method of twisting and study of different twisting and friction behaviour	MCF/SJF/Baroda Rayon Co. Research fund for teachers of Textile Engg. Dept.	40,000	Ongoing
<b>Textile Engineering</b>					
1	Kanade, P. & Vernekar, S.	Study of the mechanical properties of textile materials of different temperatue levels in dry and in liquid boths on instrons tensile strength tester	M. S. University	Not available	Ongoing
2	Vagheliya, H.D. & Sanghadia, J.B.	A novel method of Twisting	M. S. University	Not available	Ongoing
<b>FACULTY OF FINE ARTS</b>					
<b>Department of Art History &amp; Aesthetics</b>					
	Kannal, D.	"Western Indian Art"	UGC/DSA, Phase II	25 lakhs	Ongoing
<b>FACULTY OF HOME SCIENCE</b>					
<b>Department of Foods and Nutrition</b>					
1	Seshadri, S.	UGC-DRS Scheme Phase II	UGC	34,95,000	Ongoing

**4. Research Work in the University**

2	Seshadri, S., Sheth, M. and Saiyed, F.	HACCP of Complementary Foods and Improving Nutritional Adequacy	World Health Organization	50,000	Completed (Project Report under Process)
3	Mani, U. V.	Nutrition Health Awareness in an Industrial Setup	Indian Oil Corporation, Vadodara	5,00,000	Ongoing
4	Kanani, S.J. and Kapadia, S.	Women's Health Training Research Advocacy and Consultancy Centre, Womens Studies Research Centre, M.S. Uni. , Baroda	Ford Foundation	58,13,709	Ongoing

**Department of Human Development and Family Studies**

1	Saraswathi, T.S.	Special Assistance Program	UGC , New Delhi	38,00,000	Ongoing
2	Mohite, P.D.	Early Child Development - Learning Resource Centre (ECD-LRC)	UNICEF, Gandhinagar	15,62,814	Ongoing
		Development of a Comprehensive School Readiness programme	ICAR, New Delhi	4,36,000	Completed project report and sent to funding agency
		Status of ICDS in three Districts of Gujarat.	GCERT, Govt. of Gujarat, Gandhinagar.	70,000	Completed project report and sent to funding agency Completed
3	Mohite, P.D. and Shastri, J.A.	Television Viewing Pattern : Social and Cognitive Variables	ICSSR, New Delhi	93,660	Completed
4	Mohite, P.D. and Shah, H.T.	Modernizing Preprimary Education Training Institution in Gujarat	DPEP Bureau Gujarat Govt.	65,000	Completed
5	Dave, P.B.	Elderly in Residential Institutions : A Situational Analysis in Gujarat	Ministry of Social Justice and Empowerment. Govt. of India.	1,76,780	Ongoing
		Socio-economic Aspects of Ageing in the Contemporary Family and Society - An Interdisciplinary Research in Context at Development	Planning Commission Govt. of India.	2,00,000	Ongoing
		Developing a Profile of Women in Gujarat	Ministry of HRD	1,75,000	Ongoing
6	Sriram, R.	Capacity building for organization of Day Care Services	ONGC through centre for continuing/adult education and commu- nity services, MSU.	25,000	Project and report completed
7	Kapadia, S., Jasrai, S. and Joshi, A.	Health and Development needs of preschool children	Minor research project under UGC Unassigned Grant, M.S. U. Baroda	7,500	Ongoing
8	Shastri, J.A.	Television viewing pattern of preschool children	New Research scheme, P.G. Council, M.S.U. Baroda	30,000	Ongoing

**4. Research Work in the University**

9	Shastri, J.A., Jasrai, S.Y. and Bhargava, S.V.	Development of toddlers with reference to self knowledge and self control	UGC unassigned grant, MSU, Baroda	7,500	Ongoing
10	Bhargava, S., and Jasrai, S.	Children's drawing effects of creativity and adult model	P.G. Council Project for New Research Scheme, MSU	30,000	Ongoing
11	Shastri, J.S., Jasrai, S.Y. and Bhargava, S.V.	Development of Toddlers (18- 20 months) with references to self knowledge and self control	Minor research project under UGC Unassigned Grant, M.S. University of Baroda	7,500	Ongoing
12	Kapadia, S., Jasrai, S. and Joshi, A.	Health and Development needs of preschool children	Minor research project under UGC Unassigned Grant, M.S. U., Baroda	7,500	Ongoing
13	Mankodi, H.	Mother-Infant Interaction : The Daily Life Context	P.G. Council, M.S. University of Baroda	30,000	Ongoing

**Department of Home Management**

1	George, R.	Technical Backup Support Unit-NPIC	Panchayat and Rural Housing Development Agency, Govt. of Gujarat.	8,14,000	Completed. To continue afresh
		Technical Backup Support Unit-NPIC	Ministry of Non- Conventional Energy Sources, Govt. of India.	8,00,000	Completed. To continue afresh
2	Shukul, M.	Investment in Human Capital: An Analysis of Goals, Practices and Expenditure of Families regarding Education and Health of their Family Members.	M.S. University of Baroda	30,000	Ongoing
3	Shukul, M. and Jaiswal, N.S.	Differently Abled Women	Women's Studies Research Center, M.S.U., Baroda	10,000	Ongoing

**Department of Home Science Extension and Communication**

1	Joshi, U.G. and Pahad, A. H.	Portrayal of women in Hindi Cinema	U.G.C.	15,000	Ongoing
		Communication Strategy for educating women of low SES about Environmental pollution and it's effect on health.	Campus diversity Initiative programme, M.S.U., Baroda.	24,000	Ongoing
2	Pahad, A.H.	Human Rights Training programme for Community Volunteers	Campus diversity Initiative programme, M.S.U., Baroda.	20,000	Completed
3	Pandya, R. M.	Human Rights awareness programme	Campus Diversity Initiative programme, M.S.U., Baroda	12,000	Completed

**Women's Studies Research Centre**

1	Dave, P.B.	Profile of Women in Gujarat	Ministry of Human Resource Development, Department of Women and Child Development.	1,80,000	Completed
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**4. Research Work in the University**

**FACULTY OF SOCIAL WORK**

1. Navale, A.S.	Monitoring And Documenta- tion of Project Funded by COMNEAF.	Gujarat Ecology Commission	1,50,000	On going
2. Khasgiwala, A.S.	Nodal Agency for F.C.C.'s in Gujarat for Monitoring, Evaluation and Training.	Central Social Welfare Board, New Delhi.	16,500	On going
3. Maniyar, M. And Rajjada, S.S.	Life Style of the Tribals (A Study of Tribal Women and their Health Care Practices in Panchmahals District).	U.G.C. -D.R.S. Project, Faculty of Social Work, M.S. U. Baroda.	—	Completed
4. Mehta, B.P. Desai, A.B. & Desai, H.	Marital Violence : Its Impact on Health – A Women's Perspective.	Population Council	1,47,100	Completed, Project Report (Draft) Submitted.
5. Mehta, B.P., Dave, P. & others	Profile of Women in Gujarat	Department of Women & Child Development, Ministry of Human Resource Development, Govt. Of India	—	Completed, Project Report Submitted

**FACULTY OF PERFORMING ARTS**

**Department of Dramatics**

Modi, R.N.	Analysis and Evaluation of Theatre Buildings of Major cities of Gujarat from the point of view of Theatre Architecture and various Performing Arts	U.G.C. unassigned grant 98-99	10,000	Ongoing
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**POLYTECHNIC**

**Department of Mechanical Engineering**

Qureshi, M.N.	Pilot Project of NVQ in Gujarat NVQs (National Vocational Qualifications) project	CII - Ahmedabad and British Technical International (BIT), U.K.	—	Pilot Project Completed.
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**Department of PCT**

Telpande, A.G.	"Modernisation of Petroleum Chemistry & Refining Laboratory".	MODROB scheme of All India Council for Technical Education, New Delhi. (Govt. of India) (1999-2001)	9.00 lakhs	On going
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**SHRI M.K. AMIN COLLEGE OF ARTS AND SCIENCE AND COLLEGE OF COMMERCE**

Tripathi, S.R.	"A study on some Summability Methods"	UGC unassigned grant	10,000	Ongoing
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**ORIENTAL INSTITUTE**

Prajapati, S.C.	A Bibliography of Palaeography and Manuscriptology	UGC unassigned grant	15,000	Ongoing
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## 5. Distinguished Lecturers at the University

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

### A LECTURERS DELIVERED UNDER UNIVERSITY GRANTS COMMISSION SCHEME OF EXCHANGE OF TEACHERS :

Sr. No.	Name, Designation and Full Address	Date	Funding Agency	Title
<b>FACULTY OF ARTS</b>				
1.	Professor Rajendra Singh, Dept. of Linguistics University of Ottawa, Canada	28-6-1999 7-7-1999	UGC	A series of lectures on "Morphosyntax, Sociolinguistics and English in India".
2.	Professor P.J. Mistry Departmenta of Linguistics, State University of California, Fresno, USA	13-2-2000 9-3-2000	UGC	A series of lectures on "Syntax and Historical Linguistics".
<b>FACULTY OF SCIENCE</b>				
<b>Department of Bio-Chemistry</b>				
1.	Mittal Rohit, Res. Scientist, TIFR, Mumbai	18-3-2000	UGC	1. Role of GTP binding proteins in signal transduction. 2. The involvement of Dynamin in signal transduction.
<b>Department of Mathematics</b>				
1.	Srivastava H.S.P., Govt. Arts & Sci. College, Ratlam.	13-3-2000	UGC	1. Fractional calculus operators 2. Eulerian integrals
2.	Biswas I, School of Maths., Tata Insti of Fundamental Research, Mumbai.	18-3-2000	UGC	1. Representation of Fundamental Groups of Compact Surface-I. 2. Representation of Fundamental Groups of Compact Surface-II.
<b>FACULTY OF EDUCATION &amp; PSYCHOLOGY</b>				
1.	Pr. F.B.K. Passi	28-6-1999	IGNO-UNSCO CHAIR	Process Norms for Teacher Education.
2.	Dr. S.C. Agarkar		Scientist H.SC.S.E. MUMBAI	Introducing Information Technology in India School.
3.	Prof. Narottam Bhindi	Dec.'1999 to Jan.'2000	DRS-UGC Project	1. Effective School Managers. 2. Qualitative Research in Educational Management. 3. Education in Australia.

**5. Distinguished Lecturers at the University**

**FACULTY OF LAW**

- |    |   |                                      |                            |  |
|----|---|--------------------------------------|----------------------------|--|
| 1. | Dr. Vijay N. Ghormade, Principal<br>New Law College,<br>Deemed University, Pune | 6-12-1999 to<br>4-2-2000<br>5-2-2000 | UGC<br>unassigned<br>Grant | 1. Jurisprudence.<br>2. Human Rights<br>3. International Law |
|----|---|--------------------------------------|----------------------------|--|

**FACULTY OF FINE ARTS**

- |    |                      |           |         |  |
|----|----------------------|-----------|---------|--|
| 1. | Dr. A.P. Jamkhedkar  | 24-1-2000 | UGC/D&A | Key-note Address for the<br>Seminar on           |
| 2. | Dr. Sharad Deshpande | 25-1-2000 | UGC     | 'Medieval: Concept & Aspects'<br>Language of Art |

**FACULTY OF HOME SCIENCE**

- |    |  |          |                      |  |
|----|--|----------|----------------------|--|
| 1. | Mr. Dhodia, Joint Commissioner<br>District Industries Center   | 3-3-2000 | UGC                  | Programme for women<br>Entrepreneurs Development |
| 2. | Mr. Pravin Bhaviskar, President,<br>Bonsai Club of Baroda<br><br>Department of Home Science<br>Extension and Communication | 2-3-2000 | UGC                  | "Bonsai"   |
| 1. | Mr. Bhagirath Pandya,<br>Station Director, Baroda.   | 9-1-2000 | Extra Mural<br>Grant | Script writing for Radio<br>programmes           |

**B EXTRA MURAL TALKS**

Sr. No.	Name, Designation and Full Address	Date	Funding Agency	Title
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**FACULTY OF ARTS**

- |    |  |                         |                         |   |
|----|--|-------------------------|-------------------------|---|
| 1. | Professor L.V. Burren, Reader<br>in English Language,<br>University of Amsterdam,<br>Netherlands | 29-11-1999<br>1-12-1999 | Dept. of<br>Linguistics | 1. "Introduction to Rhythm<br>and Intonation"<br>2. "Rhythm in English"<br>3. "Intonation in English" |
|----|--|-------------------------|-------------------------|---|

**FACULTY OF SCIENCE**

**Department of Bio-Chemistry**

- |    |  |            |  |  |
|----|--|------------|--|--|
| 1. | Dr. Shah G.M., Lab. of Skin<br>Cancer Res., Vavel Univ.,<br>Medical Res. Centre,<br>Quebec, Canada | 5-4-1999   |  | Role of Poly ADP-ribose<br>polymerase in the life and<br>death of DNA damage.  |
| 2. | Dr. Srimal Subita, President,<br>Manukriti Biotech, Bangalore                                      | 14-10-1999 |  | Therapeutic application of<br>LPS binding proteins   |
| 3. | Dr. Rodrigues Veronica, TIFR<br>Mumbai   | 18-10-1999 |  | How do cells acquire their<br>terminal fates : Is there free<br>choice, or is their specialization<br>predetermined. |

**Department of Mathematics**

- |    |  |            |     |  |
|----|--|------------|-----|--|
| 1. | Dr. Rana I.K., Dept. of Maths.,<br>IIT, Mumbai | 16-12-1999 | MSU | The historical development<br>of the concept of integration. |
|----|--|------------|-----|--|

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## 5. Distinguished Lecturers at the University

- |    |                   |           |     |  |
|----|-------------------|-----------|-----|--|
| 2. | Dr. Dixit N., USA | 8-10-1999 | MSU | 1. Transitioning from C to C++.<br>2. Procedural programming<br>object oriented programming. |
|----|-------------------|-----------|-----|--|

### Department of Physics

- |    |   |            |  |   |
|----|---|------------|--|---|
| 1. | De Udayan, Variable Energy<br>Cyclotron, BARC, Calcutta | 28-10-1999 |  | Positron Investigation of doping<br>in Mullites & of Superconducting<br>Transition in HTSC. |
| 2. | Darji A.B., U.S.A.                                      | 01-01-2000 |  | Transition in HTSC.   |
| 3. | Virk H.S., Gurunanak<br>Univ., Amritsar                 | 07-01-2000 |  | Heavy ion radiation effects in<br>insulators.   |

### Department of Statistics

- |    |  |           |     |               |
|----|--|-----------|-----|---------------|
| 1. | Shanubhogue A., Dept. of<br>Stat., S.P. Univ., V.V.Nagar | 13-2-2000 | MSU | Rank Set Test |
|----|--|-----------|-----|---------------|

### FACULTY OF EDUCATION & PSYCHOLOGY

- |    |  |           |        |  |
|----|--|-----------|--------|--|
| 1. | Smt. Smita Pradhan<br>Director Gujarat State Office<br>of World Wide Fund for<br>Nature (WWF) and Dr.<br>Jayesh Bhatt, Education<br>Officer, WWF worked as<br>resource Person. | 26-2-2000 | W.W.F. | A Workshop was organised<br>to provide training in<br>Environmental Education.<br>30 B.Ed. Students<br>Participated.                               |
|    |  | 27-2-2000 | W.W.F. | A Field Trip was organised to<br>Study Wet Land Eco-system<br>at PARIEJ & TRAZ. About<br>16B.Ed. Students and 4 Staff<br>Members went on the Trip. |
| 2. | Mrs. Ravathi Shankar<br>Principle, Tejas Vidyalaya   | 15-3-2000 |        | Lecture on, "Innovative<br>Practice in Instructional<br>Process in Schools".   |
| 3. | Justice Ashwinbhai Trivedi<br>Nyaya Mandir, Baroda.  | 16-2-2000 | -      | Culpable Homicide<br>and Murder.   |
| 4. | Prof. N.K. Pathak<br>Gujarat School of Law,<br>Guj. University, Ahmedabad-9.   | 6-3-2000  | -      | Human Rights & the<br>Constitution of India.   |

### FACULTY OF HOME SCIENCE

#### Department of Foods and Nutrition

- |    |  |           |                |                     |
|----|--|-----------|----------------|---------------------|
| 1. | Prof. D.R. Goel<br>Education - CASE<br>M.S. University of Baroda,<br>Baroda. | 18-2-2000 | Extra<br>Mural | University Teaching |
|----|--|-----------|----------------|---------------------|

**5. Distinguished Lecturers at the University**

2.	Prof. M. Dholakia Dean, Faculty of Management Studies M.S. University of Baroda, Baroda.	28-2-2000	Extra Mural	Computers in Everyday Life
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**FACULTY OF SOCIAL WORK**

1.	Shri Amin Rajwani, Dy. General Manager, National Bank for Agricultural Development, Ahmedabad.	10-3-2000	-	Self-Help Group & Rural Development
2.	Shri K.L. Rana		-	O.D. Intervention

**FACULTY OF PERFORMING ARTS**

1.	Prof. Jaydev Jani	14-2-2000	Extra Mural	Elements of Dance in Sanskrit Plays
2.	Shri Pradip Marjani Flute Artist	15-2-2000 25-2-2000	-do-	Geet Govind condits Nayika
3.	Shri Harish Ambade Jal Tarang Artist	15-3-2000	-do-	Wind Instruments Ghana Vadya
4.	Shri Shashi Kant Sant Tabla Artist	15-3-2000	-do-	Tabla Accompanist
5.	Shri Deepak Kannel Eminent Artist	15-3-2000	-do-	Beyond Metaphor
6.	Rama Shrikant Eminent Artist	16-3-2000	-do-	The form of Kathakali
7.	Shri Bhaskar Menon Eminent Artist	16-3-2000	-do-	Practical demonstration of Kathakali

**C. LECTURERS DELIVERED UNDER OTHER SCHEMES :**

Sr. No.	Name, Designation and Full Address	Date	Funding Agency	Title
<b>FACULTY OF ARTS</b>				
1.	Professor E.V. Ramakrishnan, Dept. of English, South Gujarat University, Surat.	13-7-1999	-	"Translation of Literary Texts", Dept. of Linguistics, MSU
2.	Professor Ratan Parimoo	13-7-1999	-	"Visual Translation of Paintings", Dept. of Linguistics, MSU
3.	Professor Sarla Palkar, Dept. of English, MSU	16-9-1999	-	"Jacques Lacan and Psychoanalytic Theory" Dept. of Linguistics, MSU
4.	Ms. Shashi Batra, Research Fellow, Dept. of German Language, University of Bonn, Germany	11-12-1999	-	"Introduction to Dependency Verb Grammer" Dept. of Linguistics, MSU

## 5. Distinguished Lecturers at the University

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|----|--|----------|---|--|
| 5. | Professor P.J. Mistry<br>Dept. of Linguistics,<br>State University of<br>California, Fresno, USA | 2-3-2000 | - | "Some aspects of Gujarati<br>Syntax"<br>Dept. of Linguistics MSU |
|----|--|----------|---|--|

### FACULTY OF SCIENCE

#### Department of Bio-Chemistry

- |    |  |           |  |   |
|----|--|-----------|--|---|
| 1. | Dr. Sharma Shobana,<br>TIFR, Mumbai.   | 29-1-2000 |  | Molecular dissection of clinical<br>immunology of malaria                                 |
| 2. | Dr. Banga H., Global Head,<br>International Documentation,<br>Haffiman-La-Roche, N. Jersey,  | 25-8-1999 |  | Development of Anticancer drug<br>discovery, Pharmacokinetics<br>and clinical development |
| 3. | Dr. Patel A., Sr. Investigator,<br>SmithKline Beecham Biotech<br>and Gent Div., Philadelphia | 30-1-2000 |  | Development of novel<br>anti-coagulants   |

#### Department of Botany

- |    |   |               |   |  |
|----|---|---------------|---|--|
| 1. | Dr. Om Prakash,<br>Principal Scientist & Head,<br>Plant Pathology Division,<br>Central Institute of Subtropical<br>Horticulture, Lucknow. | July,<br>1999 | - | Role of ICAR Institutions<br>in Agriculture & Horticulture |
| 2. | Prof. Balakrishnan,<br>Department of Zoology,<br>Kerala University<br>Thiruvananthapuram.   | Dec.,<br>1999 | - | Role of Biodiversity in<br>Present scenario                |

#### Department of Mathematics

- |    |  |           |                                     |                         |
|----|--|-----------|-------------------------------------|-------------------------|
| 1. | Bhatt P., Prof. & Head,<br>Dept. of Maths.,<br>N.Guj.Univ., Patan. | 1-12-1999 | Indian<br>Mathemati-<br>cal Society | Mathematics of Fractals |
|----|--|-----------|-------------------------------------|-------------------------|

#### Department of Physics

- |    |  |            |  |                            |
|----|--|------------|--|----------------------------|
| 1. | Singh J.P., Reader in<br>Physics, MSU, Baroda. | 11-12-1999 |  | Nobel Prize in Physics, 99 |
|----|--|------------|--|----------------------------|

#### Department of Statistics

- |    |  |           |  |  |
|----|--|-----------|--|--|
| 1. | Jani B.B., Head, Stat.<br>Dept., Guj. Univ.,<br>Ahmedabad. | 12-2-2000 | Under<br>Dr. N.M.<br>Bhatt<br>Lecture<br>series fund | Optimum Replacement policy<br>under varying cost condition |
|----|--|-----------|--|--|

### FACULTY OF HOME SCIENCE

#### Department of Human Development and Family Studies

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|----|---|-------------|--|--|
| 1. | Prof. John Berry<br>(Nehru Chair Visiting<br>Professor) | 26 -10-1999 |  | Public Lecture on "Immigration and<br>Multiculturalism : The Adaptation of<br>Indo - Canadian Youth' |
|----|---|-------------|--|--|

**5. Distinguished Lecturers at the University**

- |    |   |           |  |
|----|---|-----------|--|
| 2. | Professor Sevda Bekman<br>(Nehru Chair Visiting<br>Professor) | 21-1-2000 | Public Lecture on "From a Research<br>Project to a Nationwide Programme -<br>The Mother Child Education<br>Programme of Turkey". |
| 3. | Dr. Kanu Bhatt<br>Marriage Counselor, Canada                  | 4-2-2000  | Workshop on 'How to raise Self<br>Esteem'  |

**Women's Studies Research Center**

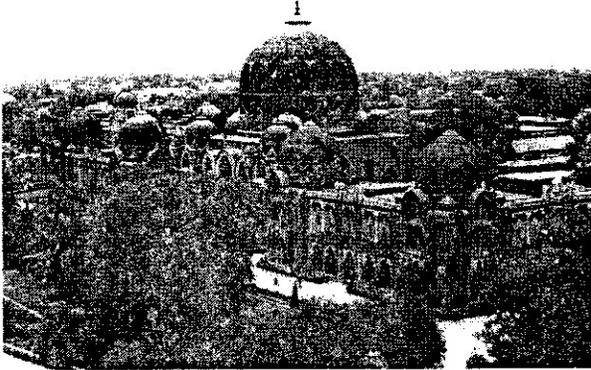
- |    |            |            |  |
|----|------------|------------|--|
| 1. | Leela Dube | 1-9-1999   | Doing feminist anthropology :<br>Gender and family |
|    |            | 2 -9-1999  | Teaching women's studies :<br>Some relevant isuses |
| 2. | Ila Pathak | 20 -1-2000 | Women's studies and the<br>women's movement        |
| 3. | Ila Patel  | 18-2-2000  | Changing perspectives on<br>women and development  |
| 4. | Sara Ahmed | 19-2-000   | Women and environment                              |



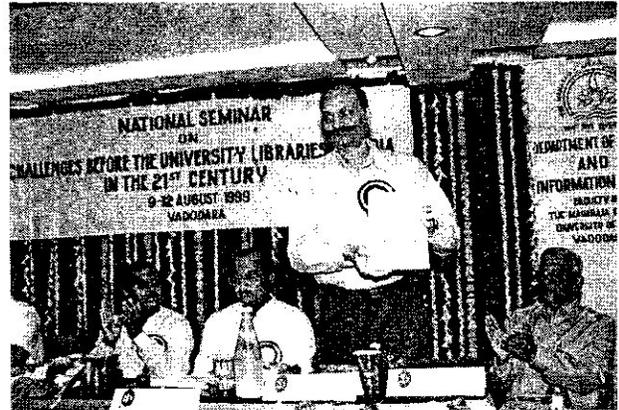
# 51st annual report

THE M. S. UNIVERSITY OF BARODA

## Faculty of Arts



Faculty of Arts



Release of Souvenir at the National Seminar,  
Department of Library and Information Science.



Shri. Aurobindo Memorial Lecture  
by Dr. Gunwant Shah.



Prof. Uma Deshpande being honoured by  
the Union HRD Minister.



Students undergoing training during an Archaeological  
Excavation at Bagasara conducted by  
the Department of Archaeology and Ancient History.



The KENN FEST - 2000



# 51st annual report

THE M. S. UNIVERSITY OF BARODA

## Faculty of Arts



Faculty of Arts



Prof Yogendra Singh delivering  
Sir Sayajirao Gaekwad Memorial Lecturer



A Scene from a Production of RUSLAN



At the Seminar on " The Problems of Literary History" of  
The Department of Gujarati and Gujarat Sahitya Academy.



Inauguration of the Russian Education Fair



At the inauguration of the Russian Education Fair

## 6. Faculty of Arts

### I (A) PUBLISHED BOOKS, (B) MONOGRAPHS (C) EDITED VOLUMES

Sr. No.	Name(s) of Author(s)	Title of Book / Monograph / Edited Volume	Details of Publication
<b>Department of English</b>			
1.	Kar, P.C. (Edited)	<i>Journal of Contemporary Thought</i> , (Special number on Postcolonialism and Discourse of Marginality) University, Shreveport, U.S.A.,	Forum on Contemporary Theory, M.S.U. Baroda and College of Liberal Arts, Louisiana State University, June, 1999, pp. 186
<b>Department of Gujarati</b>			
1.	Desai, L. M.	<i>Parevano Chitkar</i> (In Gujarati)	Asait Sahitya Sabha, November, 1999
2.	Mehta, B.	<i>Sandarbh sanket</i>	Raval Publications, December, 1999, pp. 180
3.	Mehta, S. Y.	All Full Length Plays <i>Kem Makanji Kya Chalya ?</i> <i>Khagras</i> <i>A Manas Madrasi Lage chhe</i> <i>Tokhar</i> <i>Margadarshan</i> <i>Chhabili Ramati Chharu Maru</i> <i>Lady Lalkuvar</i> <i>Ashvattama Aje Pan Jive Chhe</i> ( <i>Ane Hanay Chhe</i> )	R. R. Sheth and Co., Mumbai, Ahmedabad, 1999 R. R. Sheth and Co., Mumbai, Ahmedabad, 1999
4.	Panchal, S.J.	<i>B.K. Thakore</i> <i>Gujarati Vartasanchaya (An Anthology of Gujarati Short Stories)</i>	Sahitya Academy, New Delhi, May, 1999, pp. 70 Bombay University & Samvad Prakashan, December, 1999, pp. 300
5.	Panchal, S.J. and Parekh, J. (Eds.)	<i>Paschimani Sahitya Vivechan</i> Vol. II	University Granth Nirmana Board, Ahmedabad, October, 1999, pp. 333
6.	Soni, R.K. (Ed.)	<i>Chahera ane Rasto</i> (Poems by Ushanus)	Pratyaksha, April 1999, pp. 80
<b>Department of Hindi</b>			
1.	Bhardwaj, S.	गोस्वामी अभिनन्दन ग्रन्थ (सम्पादित पुस्तक)	पं. श्री प्रद्युम्नभाई व. शास्त्री डॉ. भगवतभाई पाण्ड्या सम्पादक (गुजराती विभाग)

## 6. Faculty of Arts

2. Chaturvedi, V.B. *Raj-Bhasa Hindi Vyakaran* Amar Prakashan, Mathura, 1999, pp. 160  
*Sur-Sarasi* (Edited and Translated) Gyan Ganga Prakashan, Delhi, 1999, pp. 162  
*Goswami-Abhinandan-Granth* (Edited) Vallabh Sevanidhi Trust, Baroda, Vakpati Foundation, January, 1999\*  
*Kirtan-Kaustubh Literature* (Edited Vol. I) Naimish Raja, Surat, March 2000, pp. 423  
*Bhavya Bharati* (Magazine): *Naveet Sikhar* (Edited) Gujarat Hindi Pracharini Sabha (Regular), Baroda, November 1999, pp.42  
*Pushti-Pragya* (Gujarati Magazine) (Chief Editor) Kalyan Rayiji Trust (Regular), 1999-2000, pp. 32  
*Pushti Path* (Magazine) (Chief Editor) Vallabh Nidhi Trust (Regular), 1999-2000, pp.32  
*Vallbhiya Sudha – Magazine* (Chief Editor) Surat (Regular), 1999-2000, pp.32
3. Desai, P.K. *Sukhe Semal Ke Vrinto Par* (Poetry) Darpan Prakashan: Lucknow, Bhopal, November 1999, pp. 118
- Department of History**  
 1. Mahmud, S. H. & Bajpai, G. (Eds.) *Aspects of Society and Culture: The Western India Region : 14<sup>th</sup>- 20<sup>th</sup> Centuries* Department of History, The M. S. University of Baroda, July, 1999, pp. 52
- Department of Marathi**  
 1. Karogal, S.U. *Swatantrottar Marathi Kavita* Pratima Prakashan, Pune, August 9, 1999, pp.356  
 2. Thakur, V. J. (Ed.) *Nava-Asmita* Paschim Vibhag, Maharashtra Mandal, Baroda, April 1999 to January 2000, pp. 24-40.
- Department of Persian, Arabic, & Urdu**  
 Wajeehuddin, *Unpublished Ghazals of Jalal Asir* Anjuman-e-Farsi, Delhi, December 1999, pp. 230
- Department of Philosophy**  
 Vyas, N.J. *A Dialogue with Faiths and Flora* Bharatiya Book Corporation, New Delhi, February, 2000, pp.184.
- Department of Political Science**  
 1. Anadkat, N. K. *International Political Thought of Gandhi, Nehru and Lohia* Bharatiya Kala Prakashan, Delhi, January, 2000, pp.186  
 2. Dholakia, A. *Comprehensive Test Ban Treaty* (In Gujarati) Parichay Trust, Mumbai, 1999  
 3. Mavlankar, A.P., Kar, P.C., Rath, S. and Pederson, W.D. (Eds.) *Journal of Contemporary Thought, (Special number on Postcolonialism and Discourse of Marginality)* Forum on Contemporary Theory, M.S.U. Baroda and College of Liberal Arts, Louisiana State University, Shreveport, U.S.A., June, 1999, pp. 186

**6. Faculty of Arts**

4. Mohite, D. H. *Indo-US Relations: The New Equations* Kalinga Publication, New Delhi, 2000

**Department of Sanskrit, Pali and Prakrit**

1. Deshpande, U.S. (Ed.) *Sadbodhashatakam* Deva-Harsha Publications, December 1999, pp. 123.
2. Panda, R.K. (Ed.) *Manusmriti, Chapters II and III with English Translation* Paramamitra Prakashan, June 1999, pp. 182  
*Studies in Sanskrit Sastras* Paramamitra Prakashan, August 1999, pp. 197
3. Pandya, B.P. and Joshi, P.H. (Eds.) *An Alphabetical list of Manuscripts in the Oriental Institute, Vadodara, Vol. III (Under the Gaekwad's Oriental Series, No. 178)* Oriental Institute, MSU, Vadodara, November, 1999
4. Joshi L.M. *Summaries of Research Papers to be presented at conference of GSUCSIA* Gujarat State University and College Sanskrit Teachers' Association, Ahmedabad. 1st April, 2000.

**Department of Sociology**

1. Choondawat, P.S. *Social Change and Social Mobility in India: A Study of a Community in Transition* Virat Prakash Mandir, Baroda, 1999.
2. Patel, P.J. and Rutten, M. *Long-Distance Familism: Social Linkages Between Patidars in India and Britain – A view from Central Gujarat* Indian Council of Social Sciences Research, New Delhi and Netherlands Foundation for the Advancement of Tropical Research, The Hague, The Netherlands, 1999
3. Rajaram, N., Sengupta, K., Kotecha, P.V., Palkar, A., Kanani, S., Joshi, U, Joshi, S., Ghanekar, J., Mani, U.V., Zararia, V. & Shah, S. *Health Status of Women in Gujarat* WOHTRAC, Women's Studies Research Centre, MSU, Vadodara, December 1999, pp. 142.

**II PUBLISHED ARTICLES / PAPERS IN JOURNALS:**

Sr. No.	Author (s)	Title	Name of Journal. Volume, Number/Part, Page Numbers and Date
<b>Department of Archaeology and Ancient History</b>			
1.	Sonawane, V.H.	"Harappan Civilization in Gujarat": A Recent Perspective.	<i>Pragdhara</i> , 9, 1998-99, pp. 1-13, October 1999.
		"Gujaratna Gajendramokshana be Anokha Shilpo" (In Gujarati)	<i>Pathik</i> (Deepavali Special Issue), pp. 44-46, October – December 1999.
2.	Varma, S. & Menon, J.	"The Development of ' Harappan Culture' as an Archaeological Label: A Case Study of Kathiawar".	<i>The Indian Historical Review</i> , XXVI, pp. 1-22, July, 1999.

**6. Faculty of Arts**

**Department of Economics**

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|----|------------------------------|--|--|
| 1. | Iyer, R.R.                   | "Labour Market Segmentation and Women's Employment and Earning Differentials in India" | <i>Labour market Segmentation in India</i> (Shah, M. ed.), Himalaya Publishing House, Mumbai – Delhi, 1999                               |
| 2. | Kantawala, B.S.              | "Arrow's Impossibility Theorem – A Selective Survey" – Key Paper                       | <i>Gujarat Economic Conference Papers</i> , February, 2000.  |
| 3. | Mehta, A.S.                  | "Theories of Exchange Rate Determination: Some Evidence from India"                    | <i>82nd Conference Volume of the Indian Economic Association</i> , Amritsar, December 1999.  |
|    |                              | "Labour Market and Structural Adjustment: Issues and Evidence"                         | <i>Labour Market Segmentation in India</i> (Shah, M. ed.), Himalaya Publishing House, Mumbai, 1999.                                      |
|    |                              | "Economic Globalization and the Environment: An Overview of Main Issues"               | <i>Vishleshan</i> , 24 (2), Ahmedabad, April – June, 1999  |
| 4. | Nanavati, A.U. & Patel, V.C. | "Gendered Occupational Segregation and Crowding in India"                              | <i>Labour Market Segregation in India</i> (Shah, M. ed.), Himalaya Publishing House, New Delhi, 1999                                     |
|    | Nanavati, A.U.               | "Roads Transportation and Communication in Gujarat"                                    | <i>Occasional Papers Series</i> , Dr. D.T. Lakdawala Memorial Trust, Gujarat Institute of Development Research, Ahmedabad, January 2000. |

**Department of English**

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|----|--------------|--|--|
| 1. | Pandya, S.P. | "South Asian Discourse in Canada: Search for an authentic voice" | <i>Dibrugarh Journal of English Studies 1998-99</i> , (13), pp.19-30, February 2000. |
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**Department of Gujarati**

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|----|---------------|--|--|
| 1. | Baxi, A.M.    | ઋતુચક્ર સંલગ્ન લોકરચનાઓ<br>લિંદુસ્થાન મધ્યેનું એક ઝૂંપડું : અભ્યાસ   | સ્વાધ્યાય, પુ. ૩૫ અંક : ૧૨ ફેબ્રુઆરી-મે ૧૯૯૮<br>શબ્દસૃષ્ટિ, ઓગસ્ટ-૧૯૯૯   |
| 2. | Bhagat, N.J.  | A Critical Study of "Pancham"- A Collection of Creative Essays   | <i>Swadhyaya</i> , Spring, 1999  |
| 3. | Bhogayata, J. | "Gujarati Navalikakhayan", 1994-95, (Antani, V. ed.) "Vidhi Vidhangrast Sampadan "<br>"Kurukshetra", A Novel by Darshak<br>"Mahabharatnu Naryu Anukathan"<br>"Saraswatichandra" Part I, A Novel by Govardhanram Tripathi,<br>"Saraswatichandra – Bhag – 1 ni Sanghatana: Kettank Nirikshano"<br>"Chetanpravah Paddhatino Viniyog Karti Vartao" | <i>Khevna</i> , September, 1999<br><br><i>Pratyaksha</i> , April – June, 1999<br><br><i>Farbas – Quarterly – April – June, 1999</i><br><br><i>Farbas – July – September, 1999.</i> |
| 4. | Desai, L.M.   | 'મોજિલા મણિલાલ'માં નારી સંવેદના  | તાદ્ધર્મ, ડિસેમ્બર, ૧૯૯૯   |
| 5. | Mehta, B.     | 'છોરા કોલ્હાટીકા' : વિશે<br>'રવિન્દ્ર પૂર્વરચિત' : વિશે<br>ગુજરાતી નવલિકાચયન' વિશે (૯૫-૯૬)<br>'સંસ્કાર' : આદિમતાવાદી આધુનિક નવલકથા<br>'આરણ્યક' : (વિભૂતિભૂષણ બંદોપાધ્યાય)  | હયાતી - ૯/૧૯૯૯<br>પરબ - ૮/૧૯૯૯<br>પરબ - ૨/૨૦૦૦<br>શબ્દસૃષ્ટિ - ૭/૧૯૯૯<br>ફર્બસ - ૭/૧૯૯૯  |

## 6. Faculty of Arts

6.	Panchal, S.J.	"Bharatiya Navalkathano Udbhav Ane Vikas" "Ek Vilakshana Pravasa Katha" "Ane Chhelle"	ETAD, July-August, 1999 ETAD, September-August 1999 ETAD, January 2000
7.	Pandya, S.N.	'मोहन गांधी महाकाव्य : अेक अमर सर्जन'	मोहन गांधी महाकाव्य हांडीकृत महाबिनिष्कमहा पर्व (अ-थ एमो सर्ग २७ थी ३२) a book written by Kavi Dahyabhai Patel 'Dinesh' and Published in , January 2000
8.	Soni, R. K.	'उशनसनी उत्तम सोनेट भाणाओ : लाक्षणिक कविमुद्रा' 'कणाकार सर्जक (द्विरेङ्ग)नी रसप्रदाने तृप्तिकर वार्ताओ' 'गुजराती विश्वकोश : अेक सर्वग्राही ज्ञानसंदर्भ' 'परिसंवाद्ये - बहु बहु लवाभां वही गया'	शब्दसृष्टि, मे, १९९९ बुद्धिप्रकाश, नुलाई, १९९९ प्रत्यक्ष, अप्रैल-मे, १९९९ प्रत्यक्ष, ओक्टोबर-डिसेम्बर, १९९९
<b>Department of Hindi</b>			
1.	Bharadwaj, S.	'संस्कृत और संस्कृतिको कश्मीरी मनीषियों का योगदान'	<i>Koshur Samachar</i> , XLIV (12) Part I, pp.69-71, March, 2000.
2.	Chaturvedi, V.B.	बाबा बालमुकुन्दजी कृत कृष्णमथन पूर्वजोंकी परम्परा सम्पादकीय नवगीत, कथ्य और प्रस्तुति सम्पादकीय सम्पादकीय सम्पादकीय सम्पादकीय सम्पादकीय सम्पादकीय सम्पादकीय सम्पादकीय सम्पादकीय सम्पादकीय तरूणका गीतकाव्य  कविरत्न गोविन्दजीके काव्यमें राष्ट्रीय तत्त्व  पूर्वजोंकी यशस्वी परंपरा प्रमुख मांगलिक प्रसंग मंदिर श्री राजाधिराज छप्पनभोग आदि आधि	डुगडुगी, नवम्बर, १९९९, भरतपुर वल्लभीय सुधा, सूत अंक १ वर्ष : दिसम्बर ९९ वल्लभीय सुधा, सूत अंक १ वर्ष : दिसम्बर ९९ नये-पुराने गीत अंक-१२, जन.-मार्च ९९ पुष्टिपथ, बडौदा अंक-१२, जन.-मार्च ९९ पुष्टिपथ, बडौदा अंक-१३, अप्रैल-जून ९९ पुष्टिपथ, बडौदा अंक-१४, जुलाई-सित. ९९ पुष्टिपथ, बडौदा अंक-१५, अक्टू.-दिस. ९९ पुष्टिपथ, बडौदा अंक-१६, जान.-मार्च २००० पुष्टिप्रज्ञा, बडौदा अंक-१ पुष्टिप्रज्ञा, बडौदा अंक-२ पुष्टिप्रज्ञा, बडौदा अंक-३ पुष्टिप्रज्ञा, बडौदा अंक-४ गोस्वामी अभिनन्दन ग्रन्थ, बडौदा ९९ गीतात्मा कवितारुण सम्पा. सुन्दरलाल कथूरिया दिल्ली, मार्च, २०००  रजत जयंति स्मृतिग्रंथ, मथुरा १९९९, सम्पा. नटवरलाल (१.१३)  गोस्वामी अभिनन्दन ग्रन्थ, जन. २००० पृ. १३ गोस्वामी अभिनन्दन ग्रन्थ, जन. २००० पृ. २७ गोस्वामी अभिनन्दन ग्रन्थ, जन. २००० पृ. ६४ गोस्वामी अभिनन्दन ग्रन्थ, जन. २००० पृ. १२४

**6. Faculty of Arts**

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| 3. | Desai, P.K.   | "Duniya Chalati Hai" (Poetry)   | <i>Pragati</i> (Quarterly), Vadodara, July 1999  |
| 4. | Goswami, A.K. | श्री महाप्रभुजी बलुभाचार्यजी  | पुष्टिपथ, श्री वाकपति फाउन्डेशन ट्रस्ट, बडोदरा<br>अप्रैल-१९९९  |
|    |               | श्री गोकुलनाथजी   | पुष्टिपथ, श्री वाकपति फाउन्डेशन ट्रस्ट, बडोदरा<br>अप्रैल-१९९९  |
|    |               | गो. श्री बालकृष्णलालजी तीसरे पुत्र  | पुष्टिपथ, श्री वाकपति फाउन्डेशन ट्रस्ट, बडोदरा<br>अप्रैल-१९९९  |
|    |               | पाखण्ड प्रचुरे लोके   | पुष्टिपथ, श्री वाकपति फाउन्डेशन ट्रस्ट, बडोदरा<br>अप्रैल-१९९९  |
|    |               | वार्ता भीष्मदासकी   | पुष्टिपथ, श्री वाकपति फाउन्डेशन ट्रस्ट, बडोदरा<br>अप्रैल-१९९९  |
|    |               | पितृचरण गोस्वामी श्री ब्रजभूषणलालजी-महाराज<br>ब्रजभाषाकी प्रासंगिकता  | गोस्वामी अभिनन्दन ग्रन्थ, जन. २०००<br>गोस्वामी अभिनन्दन ग्रन्थ, जन. २०००   |
| 5. | Kahar, B.N.   | हिन्दीकी हास्य-व्यंग्य कविताका पैरोडी साहित्य   | अनुमेहा, कानपुर सं. रजनीकान्त लहरी, सितम्बर<br>१९९९  |
|    |               | प्रेम जनमेजयका व्यंग्य - कथ्य एवं शिल्प<br>विशेषांक अंक ५, अगस्त ९९, गाजियाबाद  | यू. एस. ओम. (सं. उमाशंकर मिश्र) प्रेमजनमेजय  |
|    |               | बहुलताके परिप्रेक्ष्यमें कुबेरनाथका निबंध<br>साहित्य एवं अनुशीलन  | ललित निबंधकार कुबेरनाथ राय ग्रंथ सं.<br>डॉ. सुरेश माहेश्वरी, भावना प्रकाशन, दिल्ली,<br>जनवरी १९९९  |
|    |               | भारतीय काव्यशास्त्रकी दृष्टिसे व्यंग्यशास्त्रीय चिन्तन<br>विधाके परिप्रेक्ष्यमें हिन्दी व्यंग्य समस्या एवं समाधान<br>सुदर्शन मजीठिया से भगवानदास कहार की बातचीत | अनुमेहा, मार्च १९९९, कानपुर सं. डॉ. लहरी<br>समकालीन अभिव्यक्ति, पटना, सं. मित्तल अप्रैल १९९९<br>ग्रन्थ सं. सुदर्शन मजीठिया : सृजनके धरात्मक<br>सं. गुरुचरणसिंह अभिव्यंजना प्र. दिल्ली-नवम्बर १९९९                  |
|    |               | मजीठिया की व्यंग्यकलाका शैलीवैज्ञानिक विश्लेषण  | गुजरातके समकालीन हिन्दी कवि (सम्पादित<br>ग्रन्थ) सं. डॉ. गोवर्धन शर्मा-हिन्दी साहित्य<br>अकादमी, गांधीनगर (१९९९-२०००)  |
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| 6. | Mistry, D.M.  | मनुष्य जीवनकी सार्थकताके लिए गुरुका महत्त्व<br>भाषाके साथ देशका विकास कहाँतक संभव है ?  | कृत संकल्प जनवरी, १९९९<br>राजभाषाकिरण अगस्त, १९९९  |
| 7. | Yadav, O.P.   | कजरी लोकगीत<br>बाबा नागार्जुन को श्रद्धांजलि<br>नई कविताका अभिनव पढाव आत्मजयी<br>गोस्वामी श्री १०८ श्री ब्रजेशकुमारजी महाराज                                    | ताम्रपत्र प्र. शरद शर्मा, बडौदा जुलाई, १९९९<br>ताम्रपत्र प्र. शरद शर्मा, बडौदा जनवरी, १९९९<br>ताम्रपत्र प्र. शरद शर्मा, बडौदा मई, १९९९<br>गोस्वामी अभिनन्दन ग्रंथ-प्र. श्री वाकपति<br>फाउन्डेशन, बडौदा, जनवरी-२००० |
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1. Shukla, K.H. (Co-author) "Bird's Eye View of Library and Information Activities in Gujarat" Souvenir of the National Seminar on *Challenges before the University Libraries in India in the 21<sup>st</sup> Century*, Baroda, pp. 1-6 August, 9-12, 1999  
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### Department of Marathi

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- Department of Philosophy**
1. Vyas, N.J. "Advaitism"
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1. Dholakia, A. "Kosovo Crisis and American Dominance" (in Gujarati)  
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1. Deshpande, U.S. "Eight Gujarati Poems on Mahatma Gandhi Translated into Sanskrit"  
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|                                |                            | "Deha Te Dakor" (In Gujarati)  | <i>Avadhuti Masti-Birth Centenary Volume</i> in Honour of Ranga-Avadhoota, a Sainly Scholar, pp.251-255, January 2000   |
| 2.                             | Panda, R.K.                | "Durgeswar Panditakrta Dharmo-dharanam: Ek Nondh" (In Gujarati)<br>"Sanskrit in Indian Culture"            | <i>Swadhyaya</i> , The Journal of Oriental Institute, 34 (1-4), pp.189-192. May 1999<br><i>Sanskrit Mandakini</i> , 1 (1), pp. 18-22, January 15 and pp. 25-40, March 20, 2000. |
| 3.                             | Pandya, B. P.              | "Kargilam Kavyam" (In Sanskrit)<br>"Nandavana Brhmana nu Paricaya"   | <i>Arvacinasamskrtam</i> , Vol. 22, No. 1. Jagruti, Nandanavana Brahmana Samaja, Vadodara, May, 1999.   |
|                                |                            | "Mata-Tilakana Rakshana hara-Sri Gokulnathoji"   | <i>Smaranika – Antala – Rashtriya Pushtimargiya Vaishnava Parishad</i> , Maha-Adhiveshan, Vol. Nadiad, November, 1999.  |
|                                |                            | "Bhaktiratnam – Eka Samiksha"  | <i>Abhinandana Granth</i> of Pujya Pada Goswami Sri Vrajeshkumarji Maharaja Sri Shashtipurti Mahotsava Samiti, Bethak Mandir, Vadodara, January, 2000.                          |
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| <b>Department of Sociology</b> |                            |  |   |
| 1.                             | Patel, P.J. and Rutten, M. | "Patels of Central Gujarat in Greater London"  | <i>Economic and Political Weekly</i> , 34 (16-17), April 17-24, 1999.   |
| 2.                             | Rajaram, N.                | "Politics and Cotton Co-operatives in Central Gujarat"   | <i>Economic and Political Weekly</i> , XXXIV (30), pp. 2095-2103, July 24, 1999   |

\* Information about the publication of this article was received by the author later.

**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
<b>Department of Archaeology and Ancient History:</b>				
1.	Ajithprasad, P., Sonawane, V.H., Majumdar, A.B. & Dimri, K.	Indian Society for Pre-Historic and Quarternary Studies (ISPQS), National Annual Conference, Deccan College, Pune, December 27-30, 1999.	"The Chalcolithic Cultural Sequence at Rangpur and New Data from Bagasra"	Unpublished.
2.	Kenoyer, J.M. & Bhan, K.K.	Sidhis, Rajpipla Sidhi Samaja, March, 14-16, 2000.	"Role of Sidhis in Stone Bead Making"	Unpublished.

**6. Faculty of Arts**

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| 3. | Patel, A.K.  | 14 <sup>th</sup> International Conference on South Asian Archaeology in Leiden, Netherlands, organised by The European Association of South Asian Archaeologists, July, 1999. | "New Radiocarbon Determinations from Loteshwar and their Implications for Understanding Settlement and Subsistence in North Gujarat and Adjoining Areas." | Unpublished. |
| 4. | Sonawane, V.H.   | Fifth Congress of Rock Art Society of India, organised by Wakankar Shodh Samsthan, Ujjain, November, 21-22, 1999.   | "Latest Developments in Rock Art Studies"   | Unpublished. |
| 5. | Sonawane, V.H.,<br>Ajithprasad, P.,<br>Bhan, K.K.,<br>Prathapachandran, S.<br>& Majumdar, A.B. | Joint Annual Conference of Indian Society for Prehistoric and Quaternary Studies, Indian Archaeological Culture Society, Deccan College, Pune, December, 27-30, 1999.         | "Excavation at Bagasra-1998-99: A Preliminary Report".  | Unpublished. |

**Department of Economics**

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| 1. | Bishnoy, T.R.<br>(Jointly with<br>Khan, M.Y.) | International Seminar on Developing Issues in Third World Countries, Department of Economics, Faculty of Arts, The M.S. University of Baroda, Vadodara, November 22-26, 1999.   | "Banking Crisis: Lesson for India"  | Unpublished.                     |
| 2. | Mehta, A.S.                                   | International Seminar on Development Issues for the Third World Countries, Department of Economics, Faculty of Arts, The M.S. University of Baroda, Vadodara, November 22-26, 1999.<br><br>82 <sup>nd</sup> Indian Economic Conference of the Indian Economic Association, Amritsar, India, December 27-29, 1999. | "Development and Environmental Degradation: 'The Third World' Element"<br><br>"Theories of Exchange Rate Determination: Some Evidence from India" | Unpublished.<br><br>Unpublished  |
| 3. | Nanavati, A.U                                 | 41 <sup>st</sup> Annual Conference of Indian Society of Labour Economics, Indira Gandhi Institute of Development Research, Mumbai, November 18-20, 1999.  | "From Work to (Home) Work: Women in the Market of Labour"   | Unpublished.                     |
| 4. | Rao, A.S.                                     | Indian Economic Conference, Amritsar, December 27-29, 1999<br><br>Indian Association for Canadian Studies, Jammu, April 1999  | "Economic Transition and Industrial Exit"<br><br>"Public Policy Towards Elderly: Canadian Experience"   | Unpublished.<br><br>Unpublished. |

**Department of English**

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| 1. | Bhattacharya, R. | Seminar on Gender, Representation & Performance, Indraprastha College, New Delhi, December 1999. | "Advertising Modernity"                     | Unpublished. |
| 2. | Kar, P.C.        | National Seminar on "Theory and Translation Studies", University of Poona, August 13-14, 1999.   | "Deconstruction and its Academic Relevance" | Unpublished. |

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3.	Pandya, S.P.	XV IACS International Conference on "20 <sup>th</sup> Century in Retrospect: Canada and India", H.P. University, Simla, April 12-15, 1999.	"Nation and Narration: M. Alexander's <i>Nampally Road</i> and R. Mistry's <i>A Fine Balance</i> ".	Unpublished.
		International Seminar on "Theatre and Film: Canada and India". CCS, Thiruvananthapuram, Kerala, February 14-16, 2000.	"Theatre of Protest: Montreal Experiment"	Unpublished.
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<b>Department of Gujarati</b>				
1.	Baxi, A.M.	લોકગીત વિશે પરિસંવાદ, ગુજરાત સાહિત્ય અકાદમી અને આણંદ આર્ટ્સ કોલેજ, આણંદ સંયુક્ત ઉપક્રમે - ૫-૬ માર્ચ, ૨૦૦૦	લોકગીત સંપાદન : મેઘાણી પશ્ચાત	Unpublished.
2.	Bhogayata, J.	'Late Shri Pramod Kumar Patel Smruti Nidhi', Vallabh Vidyanagar, September 20, 1999. "Sannidhan", Vijay Nagar Arts and Commerce College, August, 9-10, 1999.	"A Critical Study of Kathavichar" by Pramod Kumar Patel "A Critical Study of Pannalal Patel's Short Stories"	Unpublished. Unpublished.
3.	Desai, L.M.	નાટક : રમણીય સ્વરૂપ Department of Gujarati, Bhavnagar University, Bhavnagar, August 24, 1999	નાટક : રમણીય સ્વરૂપ	Unpublished.
4.	Mehta, S.Y.	National Sahitya Academy and Gujarati Sahitya Parishad Gujarati Adhyapak Sangh, Annual Convention, Limbdi, March 4-5, 2000 National Sahitya Academy in India International Centre, New Delhi "Meet The Author" Evening National Book Trust, New Delhi, Seminar on Indian Literature at Panaji, Goa, July 18 - 25, 1999	Gujarati Literature: 20 <sup>th</sup> Century "Paratpara Parabrahma Sahi ....." Reading from his poetry, Original and in English and Hindi translation "Contemporary Gujarati Poetry"	Unpublished. Published. Unpublished.
5.	Panchal, S.J.	'Visami Sadinu Gujarati Sahitya', Sahitya Academy, Ahmedabad, January 28-30, 2000 'Toonki Varta: Swaroopcharcha, University of Mumbai, Mumbai, February 12-13, 2000.	"Gujarati Sahitya Vivechan, (1926-1950)" "Toonki Varta: Swaroop"	Unpublished. Unpublished.

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<b>Department of German</b>				
1.	Natarajan, M.K.	Translation of Goethe's works, Goethe Society, Erfurt, Germany, August 18-22, 1999. Goethe, World Literature and the Non-European World, Max Mueller Bhavan, Delhi, Delhi University, December 13-15, 1999	"Translating the Other" "Understanding of Goethe in the Indian Cultural Milieu-Problems of Otherness and Cultural Transfer"	Unpublished. Unpublished.
<b>Department of Hindi</b>				
1.	Chaturvedi, V.B.	ब्रजभाषा राजस्थान अकादमी, जयपुर, ९९ ब्रज साहित्य मण्डल, मथुरा, जुलाई, ९९	रसप्रवण मेघावी कवि बिहारी ब्रज भाषाका आधुनिक साहित्य	Unpublished.
2.	Ninama, K.V.	विश्वविद्यालयोंके हिन्दी पाठ्यक्रम, हिन्दी प्राध्यापक परिषद, आर्ट्स एण्ड कोमर्स कोलेज, इडर, अक्टूबर १६, १७, १९९९	म. स. विश्वविद्यालयमें स्नातकोत्तर पाठ्यक्रम	Unpublished.
<b>Department of History</b>				
1.	Awasthi, A.	Indian History Congress, 60 <sup>th</sup> Session, University of Calicut, Calicut, December 28-30, 1999	"Environmental Degradation: A Case Study of Railways and Deforestation in 19 <sup>th</sup> and 20 <sup>th</sup> Centuries"	Unpublished.
2.	Hans, R. K.	Diamond Jubilee ( 60 <sup>th</sup> ) Session of Indian History Congress, Calicut University, Calicut, December 28-30, 1999 Merchant Communities of Western India, Department of History, The M.S. University of Baroda, March 23-24, 2000.	"Schism in a Minority Community in the 18 <sup>th</sup> Century Western India: A Case of Violent Riot among Parsis around Emotive Issues." " Descent and Schism among Business Communities of Western India"	Unpublished. Unpublished.
3.	Mahmud, S. H.	Persian Literature in Medieval Gujarat, Pir Muhammad Shah Library and Trust, Ahmedabad, September 15-16 ,1999	"A Persian Chronicle of the Sultanate of Gujarat- <i>Zamima-I-Ma'asim-I-Mahmood Shahi</i> "	Unpublished.
4.	Pandor, G.A.	The Exhibition- Cum- Seminar on Sources of Archaeology and History of the Gujarat Region, M.K. Amin Arts , Science & Commerce College, Padra, January 21-24, 2000	"Locating the Sources of Modern History of Gujarat Region"	Unpublished.

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|    |             | Seminar on "Merchants Communities of Western India" Department of History, Faculty of Arts, M.S. University of Baroda, Vadodara, March 23-24, 2000.               | "Musliim Merchant Communities of Gujarat with special referene to the Suratee Sunni Vohras of South Gujarat" | Unpublished. |
| 5. | Shah, R. J. | The Exhibition- Cum- Seminar on Sources of Archaeology and History of the Gujarat Region, M.K. Amin Arts , Science & Commerce College, Padra, January 21-22, 2000 | "Sources of the Gujarat Region with special reference to <i>Ayapat Vero</i> "                                | Unpublished. |

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| 1. | Shukla, K.H. | Challenges before the University Libraries in India in the 21 <sup>st</sup> Century, Seminar Organized by Department of Library and Information Science, Faculty of Arts, The M.S. University of Baroda, Hotel Surya Palace, Baroda, August 9-12, 1999. | "Internet a Vital Tool for Reference Services in Academic Libraries"                                    | Published    |
|    |              | Library Vision 2010: Indian Libraries and Librarianship in Retrospect and Prospect 45 <sup>th</sup> All India Library Conference, Hisar, Haryana, December 23-26, 1999.   | "Use of Internet in Library and Information Services: A Case Study of Business School Libraries of USA" | Published.   |
|    |              | "Role of Librarian in Information Era", Department of Library and Information Science, S.P. University, Vallabh Vidyanagar, State Level Seminar, March 23, 2000.  | "Library and Information Science Education in Information Age"  | Unpublished. |

### Department of Linguistics

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|----|----------------|---|--|--------------|
| 1. | Bhan, S.       | National Seminar on Teaching of Language, Literature and Linguistics, SNDT University, Bombay and Central Institute of Indian Languages, Mysore, October 5-7, 1999. | "Use of Phonetics in Teaching Dyslexics"         | Unpublished. |
| 2. | Pandey, P.K.S. | National Seminar on Teaching of Language, Literature and Linguistics, SNDT University, Bombay and Central Institute of Indian Languages, Mysore, October 5-7, 1999  | "Literary Creativity and Generative Linguistics" | Unpublished. |

### Department of Marathi

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|----|---------------|--|-----------------------------------|--------------|
| 1. | Karogal, S.U. | 'Marathi Kadambari Ani Etihas', Marathi Vangamay Parishad, Baroda, February, 11-13, 2000 | "Kadambaritil Wartman Ani Etihas" | Unpublished. |
|----|---------------|--|-----------------------------------|--------------|

**6. Faculty of Arts**

		'Various Social Aspects of Media', Paschim Maharashtra Vibhag Mandal, Vadodara, September 16, 1999	"Various Social Aspects of Media"	Unpublished.
2.	Karandikar S.K.	Akshara, Baroda & Sahitya Setu Himmatnagar, Dec. 1999.	Modern Marathi Press	Published.
<b>Department of Persian, Arabic, &amp; Urdu</b>				
1.	Wajeehuddin,	International Session of All India Persian Teachers' Conference, Punjab University, Chandigarh, November 1-3, 1999	"Ruhul Amin and His Poetry"	Unpublished.
<b>Department of Political Science</b>				
1.	Anadkat, N.	Seminar organized by the Gujarat Rajya Shastro Mandal & The Department of Political Science of Gujarat University, August 29, 1999	"Indo-Pak Relations after Kargil"	Unpublished.
		Department of Gandhian Studies, Gujarat Vidyapeeth, Ahmedabad, September 27-29, 1999	"Towards A Non- Violent International Society: A Gandhian Perspective"	Unpublished.
		National Seminar, Garhwal University, Srinagar, U.P., October 3-5, 1999.	"Conceptualizing an Alternative Paradigm of Human Rights: An Indian Perspective"	Unpublished.
2.	Chatani, L. P.	The International Conference on "Theory at the End of the Millenium", Forum on Contemporary Theory, Udaipur, December, 16-18, 1999	"The State of Democracy"	Unpublished.
		National Seminar on " Discrimination and Inequality: Present Status and Remedial Measures", Dr, Babasaheb Ambedkar National Institute of Social Sciences, Mhow, (M.P.), March, 14-15, 2000.	"Democracy, Difference and, Discrimination: Some Theoretical Reflections"	Unpublished.
3.	Mavlankar, A.P.	International Conference on "Theory at the End of the Millennium", Forum on Contemporary Theory, Udaipur, December, 16-18, 1999	"On Theorizing Globalization"	Unpublished.
4.	Mohite, D.H.	India's Nuclear Dilemma, Stimson Centre, Washington, January, 1999	"India's Nuclear Capability and Dilemma Ahead"	Published.
5.	Pantham, T.	Seminar on Gandhi and his Contemporaries, Indian Institute of Advanced Studies, Shimla, April 13-15, 1999.	"The Gandhi-Nehru Legacy of Democratic Secularism"	Unpublished.
		Seminar on Interpretating Indian Politics, Department of Politics, University of Pune, January 28-30, 2000	"Competing Critics of Indian Secularism"	Unpublished.

**6. Faculty of Arts**

		Seminar on "Indomitable Sardar Patel", Sardar Patel University, Vallabh Vidyanagar, February 22, 2000.	"The Constitutional Protection of Minority Rights: A Tribute to Sardar Patel"	Unpublished.
6.	Patel, P.M.	Symposium on 125 <sup>th</sup> Birth Anniversary of Sardar Patel, 125 <sup>th</sup> Birth Anniversary Celebration Committee, Sardar Patel University, Vallabh Vidyanagar, January 21, 2000	"Sardar Patel and Integration of States"	Unpublished.
		All-India State Coordinators' Workshop, National Election Studies, 1999, and National Election Audit, 1999, Centre for the Study of Developing Societies and the Election Commission of India, New Delhi, August 14-16, 1999.	"Determining Methodology and Tools of Research"	Unpublished.
7.	Shukul, H. C.	Sardar Patel's Centenary Program, S. P. University, Vallabh Vidyanagar, February, 2000	"Realistic Approach to Foreign Policy by Sardar Patel"	Unpublished.
<b>Department of Russian and French</b>				
1.	Bhonsle, A.	The Role of the Mother-Tongue in Russian Language Training, The Cultural Centre of Russia, Mumbai, December 14-16, 1999	"The Interference of the M T component in Target Language Comprehension"	Unpublished
2.	Dasgupta, D.	The Role of the Mother-Tongue in Russian Language Training, The Cultural Centre of Russia, Mumbai, December 14-16, 1999	"A Prognosis of the M T Inertia (Russian Language in the Nonnative Classroom)"	Unpublished.
<b>Department of Sanskrit, Pali and Prakrit</b>				
1.	Deshpande, U. S.	National Seminar on "The Concept of Rasa With Special Reference to Abhinavagupta", Indian Institute of Advance Study, Shimla, June 7-9, 1999	"Abhinavagupta's Rasa-Theory – Unpublished. With Special Reference to his Commentary on Gita"	Unpublished.
		Sanskrit Writings after Independence, Centre for Advance Study in Sanskrit, Pune, December 8-10, 1999	"Modern Philosophical Writings in Gujarat"	Unpublished.
		National Seminar on Vedic Reflections, Vivekananda Kendra, Kerala, January 27-28, 2000	"Some Feminine Profiles in Early Upanishadas"	Unpublished.
		Sanskrit Teaching Methodology, Department of Sanskrit and Prakrit Languages, University of Pune, Pune, March 17-19, 2000	"Teaching of Sanskrit in Modern Age"	Unpublished.
2.	Panda, R.K.	Kalidasa, Kalidasa Samiti, Vikram University, Ujjain, November 19-25, 1999	"A Study of Kalidasa in the Light of Simhabhupala's Quotations"	Unpublished.

**6. Faculty of Arts**

3.	Joshi L.M.	"Vaastu Shastra", B.S.M. M.S.U. National Seminar on Vaastu Shastra. 17 to 19 Feb., 2000.	Fung Shni and Vaasta corelated	Unpublished.
4.	"	4 Lecturers under U.G.C. exchange Programme, Sanskrit Dept. Saurashtra University, Rajkot. 11-12 Feb., 2000	(1) Significance of Lalita-Sahasranama. (2) Place of Sanskrit Wroks of Astrology in Present Time	

**Department of Sociology**

1.	Patel, P.J.	Department of Sociology, University of Bristol, Bristol, U.K., August 3, 1999.	"Patels of Central Gujarat in Greater London: A Community at Crossroads"	Unpublished.
2.	Rajaram, N.	International Seminar on Development Issues of the Third World Countries, Department of Economics, M.S. University of Baroda, November 26, 1999. (in panel discussion on 'Gender Issues in Development')	"Gender Issues in Development" with focus on Health	Unpublished.

**IV TALKS OF ACADEMIC NATURE IN PROFESSIONAL PROGRAMMES:**

Sr. No.	Name(s)	Nature of Professional Programmes*	Title	Capacity of Participant
<b>Department of Archaeology and Ancient History:</b>				
1.	Ajithprasad, P.	Post-Graduate Diploma in Archaeology Institute of Archaeology, Archaeological Survey of India, New Delhi	"Prehistory and World Perspective and Some Indian case Studies".	Invited Speaker
2.	Krishnan, K.	Diploma in Archaeology U.C. College, Alwaye, M.G. University, Kerala	"Archaeological Methods and Theory"	Invited Speaker
3.	Prathapachandran, S.	Diploma in Archaeology U.C. College, Alwaye, M.G. University, Kerala.	"Field Archaeology"	Invited Speaker
4.	Sonawane, V.H.	Extra Mural Lecture . Post-Graduate Diploma in Archaeology, Institute of Archaeology, Archaeological Survey of India, New Delhi, Extra Mural Lecture Post-Graduate Diploma in Archaeology Institute of Archaeology, Archaeological Survey of India, New Delhi.	"Rock Art of India"  "Chalcolithic Cultures of Gujarat"	Invited Speaker  Invited Speaker
<b>Department of Economics</b>				
1.	Bishnoi, T.R.	Certificate Course in Financial Management, Centre for Continuing Education, The M.S University of Baroda.  IAS Training Programme, The M.S.University of Baroda.  MBA Course in IGNOU, Baroda Centre.	"Security Analysis and Portfolio Management"  "BOP Analysis: India"  International Liquidity Management	Resource Person.  Resource Person.  Resource Person.

**6. Faculty of Arts**

2.	Mehta, A.S.	National Seminar on Environmental Economics Master of Communication Studies, Faculty of Journalism, The M.S. University of Baroda, Vadodara,	"Environmental Economics" "Orientation to Contemporary Theory: Economics"	Resource Person. Visiting Faculty
3.	Nanavati, A.U.	International Seminar on Development Issues of Third World Countries, Department of Economics, Faculty of Arts, The M.S. University of Baroda, Vadodara. Women Studies Research Centre.	"Gender Issues" "Gender in Social Sciences – Economics"	Panelist Organized Panelist Organized
4.	Rao, A.S.	MBA Evening Programme, The M.S. University of Baroda. Master of Human Resource Management, Faculty of Social Work, The M.S. University of Baroda BBA Programme, Faculty of Commerce, The M.S. University of Baroda	"Quantitative Methods" "Managerial Economics" "Managerial Economics"	Resource Person. Resource Person. Resource Person.

**Department of English**

1.	Bhattacharya, R.	Department of English and Drama, University of Queensland, Brisbane, Australia. Department of English, University of Queensland, Brisbane, Australia. Communication, Arts & Technology Learning Centre, Kaiser High School, State of Hawaii, U.S.A. Department of English, Maui Community and College, Hawaii, U.S.A. (Inter-Island Distance Learning Program). Rama Watumull Public Lecture at The University of Hawaii at Manoa Campus, Hawaii, U.S.A. Part of series of distance learning program on satellite television in Hawaii (Channel 63) The Twenty- First Century Club, Honolulu, Hawaii. Society of Asian Art, Honolulu Arts Academy, Hawaii, Public Lecture. District Primary Education Programme, (G.O.I.), West Bengal.	"Women and Stage in 19 <sup>th</sup> Century India" "Two Women's Autobiographies: Questions of Faith and Frames of Representation." "Film Classics from India." Audio-video lecture for 10 <sup>th</sup> & 12 <sup>th</sup> Grade Students. "Making Modern India: Three texts & their contexts." "Subject, Actress, Fires: Spectacle on the 19 <sup>th</sup> Century Indian Stage." "Representations of Gender & Performance Histories." "Making Modern India: Luminous Lives" "Celebrating the City; Kalighat Paintings & Calcutta" Text Book Revision Workshop and Teacher Orientation	Invited Speaker Invited Speaker Invited Speaker Invited Speaker Public Lecture Invited Speaker Invited Speaker Invited Speaker Resource Person.
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**6. Faculty of Arts**

2.	Dakorwala, N.K. & Macwan, A.P.	English Improvement Programme for the Employees of L.I.C. of India.	"A course in English Improvement"	Resource Person.
3.	Kar, P.C.	UGC Refresher Course in American Literature at American Studies Research Centre, Hyderabad	4 Talks on American Criticism and Theory Centre, Hyderabad	Resource Person.
		UGC Refresher Course in English, Dr. Baba Saheb Ambedkar Marathwada University, Aurangabad	6 Talks on Critical Theory	Resource Person.
		UGC Refresher Course in English, University of Rajasthan, Jaipur	6 Talks on Narratives	Resource Person.
		UGC Refresher Course in English, Saurashtra University, Rajkot	4 Talks on Criticism and Theory	Resource Person.
		UGC Visiting Fellow, North Gujarat University, Patan, THE FURY" by Faulkner	12 Talks on the text "THE SOUND AND	UGC Visiting Fellow
		UGC Refresher Course in English, University of Poona	5 Talks on Deconstruction and New Historicism	Resource Person.
		UGC Refresher Course in English, University of Bombay	6 Talks on how to teach Theory and Fiction	Resource Person.
		UGC Refresher Course in English, University of Hyderabad	4 Talks on Literary Criticism and Theory and the Valedictory address	Resource Person.
		National Workshop on American Studies, American Studies Research Centre, Hyderabad	A Talk on New Historicism	Resource Person.
		National Seminar on "Criticism, Culture and Society", South Gujarat University, Surat	Key note address on "Raymond Williams and Cultural Criticism"	Key note address and presided a session
		Saurashtra University Area English Teachers' Annual Conference, Savarkundla	Keynote address on "New Directions in English Studies" and chaired a session.	Key note address and presided a session
		National Seminar on "Research in English Literature in India", University of Delhi	A talk in a plenary session on "Historicizing Research in English in India and its Implications" and chaired a session.	Plenary speaker
		National Seminar on "Literary Criticism and India", Saurashtra University, Rajkot	Gave the valedictory address on the "State of Theory"	Valedictory Speaker
4.	Pandya, S.P.	IV International Inter-disciplinary Workshop in Canadian Studies, The M.S. University of Baroda	Gave two lectures at the 6-week workshop (Refresher Course for Research Scholars and Teachers)	Resource Person.
5.	Parikh, B.A.	Translation Workshop at the Faculty of Journalism and Mass Communication for the Post-graduate Students	Translation as an Art and Science: Theory and Practice.	Resource Person.

**6. Faculty of Arts**

6.	Salat, M.F.	IV International Inter-disciplinary Workshop on Canadian Studies, The M.S. University of Baroda	Canadian Novel.	Resource Person.
<b>Department of Gujarati</b>				
1.	Baxi, A.M.	Conference on " साहित्य અને કલાઓ ", Arts and Commerce College, Savali	.....	Resource Person.
2.	Bhagat, N.J.	Workshop held by Akshara on "Lalit Nibandh"	A Study – "Rastao"	Paper Presenter
3.	Desai, L.M.	Extra Mural Lecture, Shamaldas Arts College, Bhavnagar.	ચિનુ મોદીનાં એકાંકી નાટકો આત્મકથા : સ્વરૂપ અને સિદ્ધિ	Paper Presenter
		Workshop: આત્મકથા : સ્વરૂપ અને સિદ્ધિ Gujarat Sahitya Academy and Kamala Shankar Pandya Foundation, Vadodara.		Session Chairman
		સ્વ. એન. સી. પરીખ સ્મૃતિ વ્યાખ્યાનમાળા મણકો : ૭ The College of Education, Petlad.	પ્રત્યાયનના સમૂહમાધ્યમો અને પ્રવર્તમાન શિક્ષણ	Invited Speaker
		Conference on " સાહિત્ય અને કલાઓ Organised by Arts and Commerce College, Savali.		Resource Person.
4.	Pandya, S.N.	UGC Exchange Programme, Department of Gujarati, Saurashtra University, (delivered four lectures to P.G. students)	Essays written by Digish Mehta and Written by Gandhiji	Resource Person.
		Conference on " સાહિત્ય અને કલાઓ Arts and Commerce College, Savali	સત્યના પ્રયોગો	Resource Person.
<b>Department of German</b>				
1.	Natarajan, M.K.	International Seminar on Goethe and World Organized by Goethe Society, Weimar, Germany	Goethe and England	Resource Person.
		Lecture-cum-discussion organized by The Humboldt Forum and the Consulate General of Germany, Mumbai	Indian Image in the works of Goethe	Resource Person.
<b>Department of Hindi</b>				
1.	Desai, P.K.	A Seminar on Hindi Syllabus in Different Universities of Gujarat: Idar Universities of Gujarat	Post-graduate Hindi Syllabus in Different session	Key note address and presided a
2.	Shukla, I.D.	Two lectures at ICCSR, Chandigarh	जयशंकर प्रसादके नाटकोंकी राष्ट्रीयता हजारीप्रसाद द्विवेदी के उपन्यासोंमें राष्ट्रीय उत्थानकी आकांक्षा	Invited Speaker
<b>Department of History</b>				
1.	Awasthi, A.	Orientation in Women's Studies WSRC, The M.S. University of Baroda, Vadodara	"Women and Environment"	Resource Person.

**6. Faculty of Arts**

2.	Hans, R.K.	IV International Interdisciplinary Workshop on Canadians Studies, Centre for Canadian Studies	History of Canada: A Synoptic View	Resource Person.
		IV International Interdisciplinary Workshop on Canadians Studies, Centre for Canadian Studies	Immigration: Three Theories of Adaption in Canadian History	Resource Person.
3.	Mahmud, S. A.	Foundation Course of the Central Services Probationaries, Railway Staff College, Baroda.	(a) Agrarian Economy of Mughal India (b) Trade and Urbanization in Medieval India	Resource Person.
4.	Shah, R. J.	Academic Staff College, Saurashtra University, Rajkot	Sources of the Rule of Gaekwads in Gujarat	Resource Person.
		Department of History, Saurashtra University, Rajkot	Two Lectures on Modern World History	Invited Speaker
		Seminar on Sardar Patel at Vallabh Vidyanagar	Panel Discussion	Resource Person.
		Seminar on Merchant Communities of Western India, Department of History, Faculty of Arts, The M. S. University of Baroda, Vadodara		Coordinator

**Department of Library and Information Science**

1.	Shukla, K. H.	Orientation Programme, Academic Staff College, Ahmedabad of College Teachers	1. Reference Skills 2. Information need	Resource Person.
		Refresher Course in Sociology, Academic Staff College, Ahmedabad of Social Scientist	1. Reference Skills 2. Information need	Resource Person.
		Refresher Course in Library and Information Science, Kurukshetra University, Kurukshetra, Hariyana	1. Use of Internet in exploring information for College Libraries 2. Role of UGC in the Development of University Libraries in India 3. Need of Public Relations in Academic Libraries	Resource Person.

**Department of Linguistics**

1.	Pandey, P.K.S.	Refresher Course for College Teachers of Hindi, organized by the Central institute of Hindi, Agra, at Karnataka University, Dharwad	"Hindi Phonology"	Invited Speaker
		National Workshop on Phonetic Properties of Indian Languages, organized by CIIL, Mysore	"Properties of Retroflex Consonants"	Invited Speaker

## 6. Faculty of Arts

		Extra Mural Lecture	"The Revised IPA symbols"	Invited Speaker
<b>Department of Marathi</b>				
1.	Kamat, M. G.	Seminar, Gurukul Mandal, Pune	"Aaswaad Prakriya"	Participant
2.	Karogal, S.U.	Refresher Course, Shivaji University, Kolhapur.	"Sayaji Granth Mala" I & II	Invited Speaker
<b>Department of Philosophy</b>				
1.	Vyas, N.J.	Gujart Sahitya Parishad, Ahmedabad.	"Conversion"	Panel Speaker
<b>Department of Political Science</b>				
1.	Chatani, L. P.	National Workshop on "Historicism and Cultural Politics", Forum on Contemporary Theory, Vadodara	"Theory and its Place"	Resource Person.
		Orientation Course in Women's Studies, Women's Studies research Centre, Vadodara	"Feminism and Political Theory"	Resource Person.
		Multidisciplinary International workshop, Indian Association for Canadian Studies, Vadodara	"Towards a More Substantive Democracy: Comparing India and Canada"	Resource Person.
2.	Mavlankar, A. P.	Indian Institute of Public Administration, Local Branch, Vadodara	"India's Population Policy: Challenges Ahead and Strategies thereof "	Invited Speaker
		National Workshop on "Canadian Studies", The M.S. University of Baroda	Lectures on "Introduction to Candian Politics" and "Canadian Federation"	Invited Speaker
3.	Mohite, D.H.	University of Texas, Austin	"Indian Foreign Policy: Gesture after Pokharan II"	Invited Speaker
		Department of Asian Studies, Buffalo	"Indian Foreign Policy: Gesture after Pokharan II"	Invited Speaker
		HNB University, Srinagar	"Human Rights in India: A Case for Introspection"	Valedictory Address
4.	Pantham, T.	Refresher Course in Political Science, Dr. Babasaheb Ambedkar Marathwada University	1. "On Social Justice: Rawls and his Critics" 2. "On International Justice"	Visiting Faculty
		Symposium on Philosophy of Social Sciences, Department of Political Science, The M.S. University of Baroda	"Positivist and Non-Positivist Perspectives in the Social Sciences"	Panelist Organized
5.	Patel, P.M.	Workshop on National Election Studies, 1999 and National Election Audit, 1999, for the Field Research Staff of the Research Projects	"Training Workshop for Field Research Staff of NES-99 and NEA-99 Research Programmes"	Conducted and Trained the participants

**6. Faculty of Arts**

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| 6. | Shukul, H.C. | Orientation Programme for University Teachers (on Probation)                       | "Teaching: An Art or Science?"                                   | Invited Speaker |
|    |              | Indo-Canadian Workshop, Centre for Canadian Studies, The M.S. University of Baroda | "Multiculturalism A Comparative Perspective on India and Canada" | Invited Speaker |

**Department of Russian and French**

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|----|--------------|---|--|------------------|
| 1. | Dasgupta, D. | Russian Education Fair: An International Exchange Initiative Programme, The M.S. University of Baroda.                                | Role of Russian Language Abroad                                      | Keynote Address  |
|    |              | Regional Conference of Teachers of Russian Language: The Western Region, University of Mumbai and Cultural Centre of Russia in Mumbai | Preparation of Text Books and Reading material for Indian Classrooms | Resource Person. |

**Department of Sanskrit, Pali and Prakrit**

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|----|-----------------|---|---|------------------|
| 1. | Deshpande, U.S. | UGC Sponsored Refresher Programme, Saurashtra University, Rajkot.                                   | "Contribution of Ladies to Modern Sanskrit Literature"                                | Resource Person. |
|    |                 | Seminar, Department of HDFS, Faculty of Home Science, MSU, Baroda                                   | "The Riddle in Ramayana"  | Invited Person   |
| 2. | Panda, R.K.     | Workshop on Sanskrit Teaching Methodology, Lok Bhasa Pracar Samiti, Orissa                          | "A Practical Methodology for Teaching of Sanskrit at Higher Education: Some Aspects." | Invited Person   |
| 3. | Joshi L.M.      | Seminar on "Shakti in Sanskrit Literature 24th-25th-26th, Feb. 2000. Saurashtra University, Rajkot. | "Shakti-Tattva" in Sanskrit Literature  | Key-note Address |
| 4. | Joshi L.M.      | Seminar on Medical Astrology, Baroda. Sanskrit Mahavidyalaya, 31st July, 1999.                      | Medical Astrology   | Key-note Address |
| 5. | "               | Yoga-Teachers' Training Course, Yoga-Niketan, Nov. 25'99, Dec. 2 and 9, 1999.                       | Pātañjala Yoga  | Invited Talks    |
| 6. | "               | Refresher Course- B.S.M., M.S.U. 5th March, 2000.   | Vedanga Jyotish   | Resource Person  |
| 7. | "               | U.G.C. sponsored refresher course Academic Staff College, Rajkot. June 28 to July 17, 1999.         | Modern Sanskrit Literature  | Participant      |

**Department of Sociology**

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|----|-------------|--|---|------------------|
| 1. | Patel, P.J. | Research Colloquium on "Social Exclusion Access and Public Sector Development", Robert Gordon University, Aberdeen                   | "Social Exclusion- The Indian Situation"                    | Resource Person. |
| 2. | Rajaram, N. | Orientation Programme for Fresh and Newly appointed Lecturers of the M.S. University of Baroda, CASE, the M.S. University of Baroda. | "Sociological aspects of Education: Reality and Issues"     | Resource Person. |
|    |             | National Seminar, NIEPA in Collaboration with European Commission, New Delhi   | Community Participation, "Empowerment in Primary Education" | Resource Person. |

**6. Faculty of Arts**

Western Region Seminar, University of Mumbai, India on the Threshold of a New Millennium: Unfinished Agenda and New Challenges Resource Person.

**V CONTRIBUTION TO CONDUCT PROFESSIONAL PROGRAMMES:**

Sr. No.	Name (s)	Programme (s), Place and Date (s)	Capacity of Participation**
<b>Department of Archaeology and Ancient History:</b>			
1.	Ajithprasad, P.	NNRMS Training Course on Remote Sensing for Archaeology, National Remote Sensing Agency (NRSA), Department of Space, Govt. of India, Hyderabad, March, 1—24, 2000.	Trainee
<b>Department of Economics</b>			
1.	Bishnoy, T.R.	One day seminar on "Economic Ideas of Professor B.R. Shenoy", Department of Economics, The M.S. University of Baroda, September 18, 1999.	Coordinator and Paper Presenter
2.	Iyer, R.R.	Centre for Urban Economic Studies, November 30- December 20, 1999	Participant
3.	Joshi, P.R.	International Seminar on Development Issues of Third World Countries, Department of Economics, Faculty of Arts, The M.S. University of Baroda, Vadodara, November 22-26, 1999	Delegate
4.	Nanavati, A.U.	International Seminar on Development Issues of Third World Countries, Department of Economics, Faculty of Arts, The M.S. University of Baroda, Vadodara, November 22-26, 1999.	Organizing Committee Member
5.	Pandya, N.M.	Seminar on Economic Ideas of Professor B.R. Shenoy, Department of Economics (Organised jointly with Economic Research Centre, Mumbai), Faculty of Arts, The M.S. University of Baroda, September 18, 1999	Participant
		International Seminar on Development Issues of Third World Countries on Occasion of the Golden Jubilee Celebrations of the Department of Economics, Faculty of Arts, The M.S. University of Baroda, Vadodara, November 22-26, 1999.	Member, Organising Committee and Participant
6.	Rao, A.S.	Economic Ideas of Professor B.R. Shenoy, Department of Economics, September 18, 1999	Coordinator
		International Seminar on Development Issues of Third World Countries, Department of Economics, Faculty of Arts, The M.S. University of Baroda, Vadodara, November 22-26, 1999.	Participant
7.	Rede, L.A.	International Seminar on Development Issues of Third World Countries on Occasion of the Golden Jubilee Celebrations of the Department of Economics, Faculty of Arts, The M.S. University of Baroda, Vadodara, November 22-26, 1999.	Member, Golden Jubilee Celebration Organising Committee
<b>Department of English</b>			
1.	Bhattacharya, R.	Rama Watumull Distinguished Indian Scholar Visitorship, Centre for South Asian Studies, University of Hawaii at Manoa, Honolulu, H I, U.S.A., January to May 2000	Visiting Professor
2.	Dakorwala, N.K.	IV Canadian International Inter-disciplinary Workshop, Department of English, Faculty of Arts, The M.S. University of Baroda, February 13—19, 2000.	Participant

**6. Faculty of Arts**

3.	Kar, P.C.	The fourth annual workshop of: (a) Forum on Contemporary Theory on "Historicism and Cultural Politics", The M.S. University of Baroda, November 3-6, 1999. (b) International Conference on "Theory at the end of the Millennium", Udaipur, Forum on Contemporary Theory, December 16—18, 1999.	General Convenor General Coordinator
4.	Salat, M.F.	XV - IACS Annual Conference, H.P. University, Simla, April 12—15, 1999.	Vice-President of IACS
<b>Department of Gujarati</b>			
1.	Baxi, A.M.	Workshop on " સાહિત્યનો ઇતિહાસ : વિભાવના, સામગ્રી અને લેખન" Department of Gujarati, The M.S. University of Baroda and Gujarat Sahitya Academy, Gandhinagar at Vadodara, November 27-28, 1999 Conference on " આધુનિક ટૂંકી વાર્તા" Akshara -Vadodara, Himatnagar, December 18-19, 1999 Workshop on " લલિત નિબંધ" પઠન અને આસ્વાદન	Organizing Member  Organizing Member  Organizing Member
2.	Bhagat, N.J.	Akshara and United Way of Baroda, at Vadodara, February 27, 2000 Workshop on " સાહિત્યનો ઇતિહાસ : વિભાવના, સામગ્રી અને લેખન" Department of Gujarati, The M.S. University of Baroda and Gujarat Sahitya Academy, Gandhinagar, Vadodara, November 27 - 28, 1999	Coordinator
3.	Desai, L.M.	Workshop on " સાહિત્યનો ઇતિહાસ : વિભાવના, સામગ્રી અને લેખન" Department of Gujarati, The M.S. University of Baroda and Gujarat Sahitya Academy, Gandhinagar at Vadodara, November 27-28, 1999 Conference on "આધુનિક ટૂંકી વાર્તા" Akshara, Vadodara at Himatnagar, December 18-19, 1999 Workshop on " લલિત નિબંધ" પઠન અને આસ્વાદન	Organizing Member  Organizing Member  Organizing Member
4.	Pandya, S.N.	Akshara and United Way of Baroda, at Vadodara, February 27, 2000 Workshop on " સાહિત્યનો ઇતિહાસ : વિભાવના, સામગ્રી અને લેખન" Department of Gujarati, The M.S. University of Baroda and Gujarat Sahitya Academy, Gandhinagar at Vadodara, November 27-28, 1999 Workshop on " લલિત નિબંધ" પઠન અને આસ્વાદન Akshara and United Way of Baroda, at Vadodara, February 27, 2000	Organizing Member  Organizing Member  Organizing Member
<b>Department of German</b>			
1.	Natarajan, M.K.	Goethe Colloquim, Chennai, September 26—30, 1999. Business German, Nashik, October 29 - November 2, 1999.	Participant Participant

**6. Faculty of Arts**

**Department of Hindi**

- |    |              |  |                 |
|----|--------------|--|-----------------|
| 1. | Desai, P. K. | Refresher Course, Surashtra University, Rajkot.<br>Delivered four Lectures on Hindi Novel writing by Female Novelists: | Resource Person |
|    |              | 1. Hindi Female Novelists  |                 |
|    |              | 2. Different Aspects of Women's Writing, March 8, 2000   |                 |
|    |              | 3. Comments of Female Novelists on their own Writings  |                 |
|    |              | 4. Criticism on Some Novels of Hindi Female Writers, March 9, 2000   |                 |

**Department of History**

- |    |            |   |           |
|----|------------|---|-----------|
| 1. | Hans, R.K. | Film and Historian: History through Classical Films, Department of History, Faculty of Arts, The M.S.University of Baroda, August 13-14, 1999 | Organiser |
|----|------------|---|-----------|

**Department of Library and Information Science**

- |    |              |  |   |
|----|--------------|--|---|
| 1. | Rajaram, S.  | National Seminar on Challenges before the University Libraries in India in the 21 <sup>st</sup> Century, Baroda, August 9-12, 1999   | Participant                               |
| 2. | Shukla, K.H. | National Seminar on Challenges before the University Libraries in India in the 21 <sup>st</sup> Century, Baroda, August 9-12, 1999<br>Workshop on Computer and Software Applications in Library and Information Activities, Baroda, May 23-June 6, 1999. | Organizing Secretary<br>Workshop Director |

**Department of Linguistics**

- |    |                |   |         |
|----|----------------|---|---------|
| 1. | Pandey, P.K.S. | Workshop on the "Phonetic Properties of Indian Languages", CIIL, Mysore, November, 22-28, 1999. | Advisor |
|----|----------------|---|---------|

**Department of Marathi**

- |    |                |  |                           |
|----|----------------|--|---------------------------|
| 1. | Kamath, M. G.  | Teachers' Exchange programme sponsored by UGC on "Marathitil Gramin Ani Dalit Sahitya", Department of Marathi, The M.S.University of Baroda, January 7-8, 2000 | Organizing Member         |
| 2. | Karogal, S. U. | Teachers' Exchange programme sponsored by UGC on "Marathitil Gramin Ani Dalit Sahitya", Department of Marathi, The M.S.University of Baroda, January 7-8, 2000 | Director of the Programme |

**Department of Philosophy**

- |    |             |  |             |
|----|-------------|--|-------------|
| 1. | Vyas, N. J. | UGC Zonal meeting for Chairman of Board of Studies in Philosophy (Western Zone) at Pune University, Pune, April 5, 1999. | Participant |
|----|-------------|--|-------------|

**Department of Political Science**

- |    |                  |  |  |
|----|------------------|--|--|
| 1. | Mavalankar, A.P. | Inservice Course in Methodology of Teaching and Evaluation for the Fresh and Newly Appointed Lecturers of M.S. University (1999-2000), September 28, 1999. Gave a talk on "Role of A University Teacher" | Resource Person  |
| 2. | Mohite, D.H.     | South Asian Seminar: "Prospects of Peace in South Asia"  | Director   |
| 3. | Pantham, T.      | Seminar on Gandhian Perspective on Civilization and Culture of Peace, Gujarat Vidyapith, Ahmedabad, September 27-28, 1999  | Chief Guest at the Inaugural Session and Session Chairperson |
|    |                  | Seminar on New Historicism and Cultural Politics, Forum for Contemporary Theory, M.S. University of Baroda, November 3, 1999   | Session Chairperson  |
|    |                  | B.A. Course – Revision Meetings, IGNOU, New Delhi, September 30, 1999  | Subject – Expert   |
|    |                  | M.A. Programme in Political Science, course Designing Meetings, IGNOU, New Delhi, March 23-24, 2000  | Subject – Expert   |

**6. Faculty of Arts**

**Department of Russian and French**

- |    |                             |   |                                   |
|----|-----------------------------|---|-----------------------------------|
| 1. | Bhonsle, A., & Deshmukh, G. | Russian Education Fair, Department of Russian Language, The M.S. University of Baroda, April 9-11, 1999 | Members, Organising Committee     |
| 2. | Dasgupta, D.                | Russian Education Fair, Department of Russian Language, The M.S. University of Baroda, April 9-11, 1999 | Director and Organising Secretary |

**Department of Sanskrit, Pali and Prakrit**

- |    |                  |   |   |
|----|------------------|---|---|
| 1. | Deshpande, U. S. | National Seminar of "The Concept of Rasa with Special Reference to Abhinavagupta", Indian Institute of Advanced Study, Shimla, June 7-9, 1999<br>UGC Sponsored Refresher Course, Rajkot, July 6-7, 1999<br>Meeting of Experts – Sanskrit Course Committee, Gujarat Public Service Commission, Ahmedabad, November 13, 1999<br>Orientation cum Refresher Course, Baroda Sanskrit Mahavidyalaya, The M.S. University of Baroda, March 8, 2000<br>National Seminar on Sanskrit Teaching Methodology, Department of Sanskrit, University of Pune, March 17-19, 2000 | Chaired the Session on June 8, 1999<br>Resource Person<br>Expert Member<br>Resource Person<br>Chaired the Session on March 18, 2000 |
| 2. | Joshi L.M.       | Relevance of Sanskrit in 21st Century State Level Seminar, 22nd March, 2000. Deptt. of Sanskrit, Pali & Prakrit, M.S. University of Baroda.   | Co-ordinator  |
| 3. | Joshi L.M.       | Extra-Mural Lectures, 3-4 March, 2000. Deptt. of Sanskrit, M.S.U.   | Teacher in-charge   |

**Department of Sociology**

- |    |            |  |                                  |
|----|------------|--|----------------------------------|
| 1. | Jha, M. V. | International Workshop on "Democracy and Governance: A Cross-Comparative Study of Six Indian States", South Asia Institute, University of Heidelberg, Germany, University of Pune, July 20 – 24, 1999. | Regional Coordinator for Gujarat |
|----|------------|--|----------------------------------|

**VI PERFORMANCES BY INDIVIDUALS / GROUPS:**

Sr. No.	Name (s)	Place and Date (s)	Nature of Performance*
<b>Department of Archaeology and Ancient History</b>			
1.	Bhan, K. K.	Prince of Wales Museum of Western India, Mumbai, January 17—Till Date, 2000	Temporary Ongoing Exhibition on "Present and Past: Stone Bead Making in India".
<b>Department of Gujarati</b>			
1.	Mehta, S.Y. (Playwright)	National Festival and Nehru Centre, Mumbai, November 1999 and National School of Drama, All India Drama Festival, December 1999	Play, "Ashvattama Aje Pan Jive Chhe (Ane Hanay Chhe)", (Directed by Himesh Desai)
<b>Department of Hindi</b>			
1.	Goswamy, A.K.	मन, मोती ने काँच (गुजराती फिल्म) Lucky Studio, Halol, Released in November, 1999.	Acting

## 6. Faculty of Arts

### Department of History

- |    |            |  |  |
|----|------------|--|--|
| 1. | Hans, R.K. | Film Festival of South Asia 1999-2000,<br>Rosary School Auditorium, Baroda,<br>January 28-30, 2000             | Co-Director, INTERDOC                                |
|    |            | Inter-Hostel Cultural Competitions: Public<br>Speaking, Music and Folk Dances, Baroda,<br>February 26-27, 2000 | Convenor, Cultural Activities, Halls<br>of Residence |

### Department of Russian and French

- |    |              |   |  |
|----|--------------|---|--|
| 1. | Dasgupta, D. | Prof. C. C. Mehta Auditorium, The M.S. University<br>of Baroda, April 9, 1999<br>Proposal" and Horton Foote's "A<br>School of Environmental Design, Vallabh<br>Vidyanagar, April 20, 1999 and Prof. C. C.<br>Mehta Auditorium, The M.S. University of<br>Baroda, April 30, 1999 | Directed and Produced Anton<br>Chekhov's "The Anniversary" & "The<br>Blind Date" |
|    |              | Prof. C. C. Mehta Auditorium, The M.S.<br>University of Baroda, December 16-17, 1999  | Directed and Produced Neil Simon's<br>"The Sunshine Boys"                        |

### Department of Sanskrit, Pali and Prakrit

- |    |            |   |   |
|----|------------|---|---|
| 1. | Joshi L.M. | Talk-broad casted on J.TV., Baroda.<br>21st February, 2000. | Talks on significance of Shiva-ratri.<br>Invited Talker |
| 2. | Joshi L.M. | Talk-Suvichar<br>Occasionally on J.TV.                      | Invited Person  |

## VII STATE / NATIONAL / INTERNATIONAL AWARDS AND DISTINCTIONS OF ACADEMIC NATURE:

Sr. No.	Recipient	Description of Award	Contribution Made by Recipient
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### Department of Hindi

- |    |                  |  |  |
|----|------------------|--|--|
| 1. | Chaturvedi, V.B. | प्रेमचन्द पुरस्कार, महाराष्ट्र दलित साहित्य अकादमी,<br>भुसावळ, १९९९<br>कथासाहित्य पर पुरस्कार<br>बीसवीं शताब्दी रत्न सम्मान<br>जैमिनी अकादमी, पानीपत, २०००<br>ब्रजभाषा रत्न शिखर सम्मान<br>साहित्य मण्डल, नाथद्वारा, १९९९-२००० | आम आदमीकी चर्चा एवं दैनन्दिनी पर<br>कथालेखन के विशिष्ट संदर्भमें<br><br>विशिष्ट साहित्यलेखनके संदर्भमें<br><br>ब्रजभाषा-सृजनकी विशिष्ट कृतियोंके<br>सृजनहेतु |
|----|------------------|--|--|

### Department of Linguistics

- |    |               |   |                           |
|----|---------------|---|---------------------------|
| 1. | Pandey, P.K.S | "Hari Ohm Ashram Prerit Bhaikaka Inter-University<br>Smarak Trust Award for the year 1998-99", Sardar<br>Patel University, Vallabh Vidyanagar | Best Paper in Linguistics |
|----|---------------|---|---------------------------|

### Department of Political Science

- |    |             |  |   |
|----|-------------|--|---|
| 1. | Pantham, T. | The Mahatma Gandhi National Fellowship of the<br>ICSSR, October 1, 1998 – September 13, 1999.<br>Member of the International Advisory Board of<br>"Global Encounters: Studies in Comparative<br>Political theory", General Ed. Dallmayr, F.<br>(Lexington Books, Lanham, USA and Oxford, U.K.) | Research and Writing on "Swaraj<br>and Justice " (In progress)<br>Contributed a chapter to the first<br>volume of the series. |
|----|-------------|--|---|

**6. Faculty of Arts**

2. Patel, P.M. "Hari Ohm Ashram Prerit Shri Bhaikaka Inter-University Smarak Trust Award for the Year 1998-99", Sardar Patel University, Vallabh Vidyanagar, Awarded on January 18, 2000

Best Paper entitled "Latin America, Capitalism and Che Guevera: Historical Analysis of Exploitation and Struggle"

**Department of Sanskrit, Pali and Prakrit**

1. Deshpande, U.S. National Award Presented by Dr. Murali Manohar Joshi, Minister for Human Resource Development, Govt of India, New Delhi, March, 28, 2000

Teaching Sanskrit at Graduate, Post-Graduate and Ph.D. Levels since 30 Years. Published 50 Research Papers and Articles in English, Sanskrit and Gujarati. Published 10 Books in English, Sanskrit, Marathi and Gujarati.

**Department of Sociology**

1. Patel, P.J. Invited as the First Visiting Scholar by Robert Gordon University, Aberdeen, U.K., July 26-August 1, 1999.

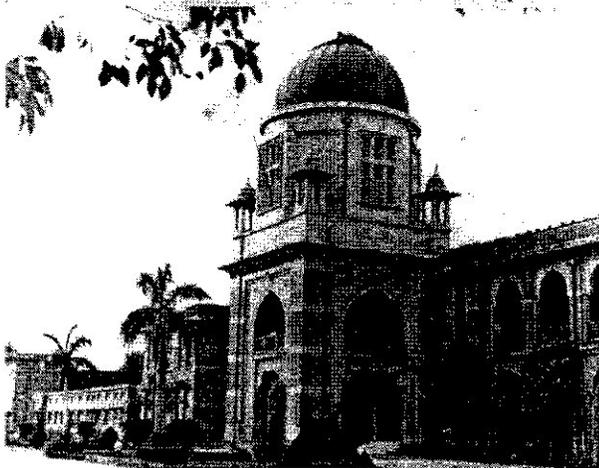
Research in Sociology



# 51<sup>st</sup> annual report

THE M. S. UNIVERSITY OF BARODA

## Faculty of Science



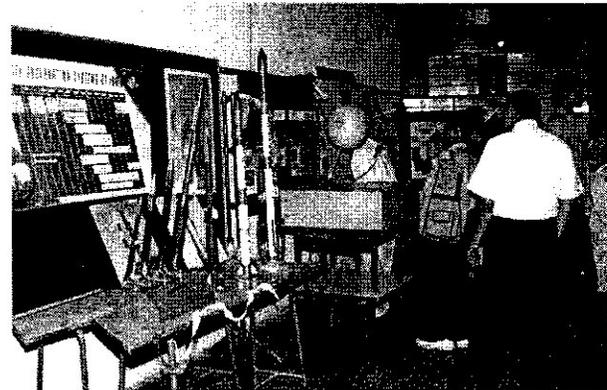
Faculty of Science



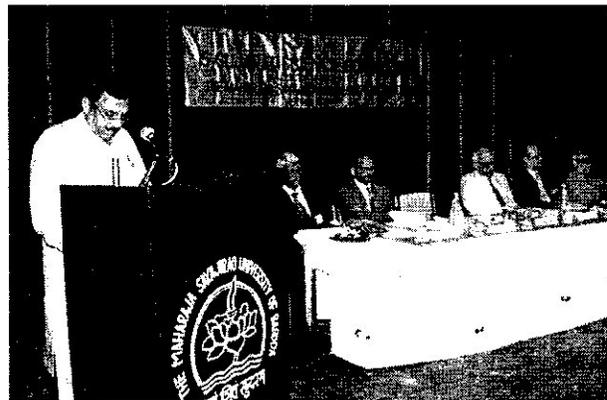
Award day function felicitation of Shri Shailesh Patel, for getting 1st Prize for his garden.



Garlanding Statue on birthday, 11th March.



Exhibition by ISRO.



15th Gujarat Science Congress.  
Mayor Shri Umakant Joshi inaugurating the Congress.

## 7. Faculty of Science

### I (A) PUBLISHED BOOKS, (B) MONOGRAPHS (C) EDITED VOLUMES

Sr. No.	Author(s)	Title	Details of Publication
<b>Department of Botany</b>			
1	Shah, N.R. and Arya, A.	Studies on some fungal biodeteriogens	Bhartiya Kala Prakashan Delhi, 2000, pp. 202.
<b>Department of Geology</b>			
1.	Karant, R.V.	Gems and Gem Industry in India	January, 2000, 405 p. Geological Society of India, Memoir No.45.
2.	Desai, N. D. and Tiwari, K.C. (Editors).	Proc. National Conference on Dimensions of Environmental Stress	Department of Geology, M.S. University of Baroda, Nov. 1999, pp. 233 in India.
<b>Department of Statistics</b>			
1	Sreehari, M	Gujarat Statistical Review	Gujarat Statistical Association July, 1999, Approx. 80 pages
2.	Sreehari, M	Sankhya, Series A and B	Indian Statistical Institute, Calcutta, Oct-Dec., 1999, Approx. 900 pages
3.	Sreehari, M., Chaudhuri, B	On the L convergence of normalized weighted sums	Narosa Publishing House (Title of Book : Statistical Inference and Design of Experiments). Aug. 1999, Approx. 200 pages
4.	Gandotra, M.M., Dey, D	Multi-Indicator Cluster Surveys in Urban Slums and Rural Areas of Gujarat	Monograph- prepared for UNICEF, Gujarat & Ministry of Health & Family Welfare, Govt. of Gujarat, July, 1999, Pages : 60
5.	Parikh, A.M. Gandotra, M.M., Das, N.P.	National Family Health Survey, 1998-99(NFHS-2) (Preliminary Report)	Preliminary Report prepared for International Institute for Population Science, Mumbai, July, 1999, pp ; 36
6.	Gandotra, M.M., Dey, D	Pulse Polio Immunization in Gujarat, 1998-99 : An Evaluation	Monograph prepared for Govt. of Gujarat & UNICEF, August 1999, pp-17
7.	Das, N.P., Gandotra, M.M., Pandey, D. Shah, U.	Status of Women & Reproduction behaviour among Urban Indian women : Understanding the linkages	Monograph prepared for WHO, Geneva sent 1999, pp-171
8.	Das, N.P.	Status of women in Gujarat : A demographic profile	Monograph of the PRC, Baroda, May 1999, pp.51

**7. Faculty of Science**

- |     |  |   |   |
|-----|--|---|---|
| 9.  | Das, N.P., Shah, U.<br>Chitania, V., Panchal, N. | Women's reproductive health status in urban slums : A Community based survey              | Monograph of the PRC, Baroda ,<br>June 1999, pp-40  |
| 10. | Das, N.P.,<br>Desai, G.S., Patel, R.M.           | Incidence of Induced Abortion in India : A study of socio-cultural aspects from NFHS data | Monograph of the PRC, Baroda,<br>July, 1999, pp-16. |

**II PUBLISHED ARTICLES / PAPERS IN JOURNAL**

Sr. No.	Author (s)	Title	Name of Journal. Volume, Number/ Part, Page Numbers and Date
<b>Department of Bio-chemistry</b>			
1.	Gopalaswamy, U.V., Satav, J.G., Katyare, S.S. and Bhattacharya, R.K	Effect of propranolol on rat brain synaptosomal Na <sup>+</sup> , K <sup>+</sup> ATPase, Mg <sup>2+</sup> -ATPase and Ca <sup>2+</sup> -ATPase.	Chemico-biol. Interact. 103 : 51-58,(1999)
2.	Swegart, C.V., Dave, K.R. and Katyare, S.S	Effect of aluminium-induced Alzheimer like condition on oxidative energy metabolism in rat liver, brain and heart mitochondria.	Mech. Age. Develop. 112 : 27-42, (1999)
3.	Sah, N.K. Taneja, T.K., Pathak, N., Begum, R. Athar, M. and Hasnain, S.E.	The Baculovirus anti-apoptotic P <sup>35</sup> gene also functions via an oxidant dependent pathway	Proc. Natl. Acad. Sci. (USA) 96, 4838-4843,(1999)
4.	Hasnain, S. E. Taneja, T. K. Sah, N. K. Mohan, M. Pathak, N, Sahdev, S Athar, M., and Begum ,R.	<i>In-vitro</i> cultured Spodoptera frugiperda insect cells: model for oxidative stress-induced apoptosis.	J. Biosci. 24, 101-107,(1999)
5.	Dave K.R., Sayal A.R. and Katyare S. S.	Tissue cholinesterase: a comparative study of their properties	Zeitschrift fur. Naturforschung. Sect. C 55: 100-108(2000).
6.	Satav, J.G., Dave, K.R. and Katyare, S.S	Influence of Insulin status on extra mitochondrial oxygen metabolism in the rat.	Hormone Metab. Res, 32, 57-61 (2000)
<b>Department of Botany</b>			
1.	Deshpande S.R., Josekutty P.C. and Prathapaseenan G.	Indirect organogenesis in <i>Millingtonia hortensis</i> Linn. f. from nodal callus.	Phyton 48(65): 197-200 (1999).
2.	Kamath, S.J., Rao, K.S. and Prathapaseenan, G.	Ultrastructural changes in rice ( <i>Oryza sativa</i> ) aleurone cells under NaCl stress.	Indian Journal of Experimental Biology, 37(7): 713-717 (1999).

**7. Faculty of Science**

- |    |  |   |  |
|----|--|---|--|
| 3  | John, A. and Prathapasenan, G.   | High frequency plantlet regeneration from root explants of rice ( <i>Oryza sativa</i> L.) Var. CSR-10.                                    | Phytomorphology 49(2): 165-169 (1999).   |
| 4  | Arya, A., Arya, C., Agarwal, R. and Lal, B.                                | A new species of <i>Phomopsis</i> on <i>Tamarindus indica</i> L.  | Nat. Acad. Sci. Letters 22 (9 & 10) 152-155 (1999).  |
| 5  | Jasrai, Y.T., Chauhan, V.A., and Palmer, J.P.                              | Plant Somatic Embryogenesis Biology, Eds. Gakhar S.K. & Himalaya Publishing House, Mumbai, 193-203 (1999).                                | In : Recent Trends in Developmental  |
| 6  | Jasrai, Y.T., Mudgil, Y., Remakanthan, A. and Kannan, V.R.                 | Direct shoot regeneration from cultured leaves of <i>Passiflora caerulea</i> L. and field performance of regenerated plants.              | Phytomorphology 49(3): 289-293 (1999)  |
| 7  | Jasrai, Y.T., Remakanthan, A., Pandya, C.H., Subramani, J. and Bhatt, D.P. | Multiplication of <i>Eucalyptus citriodora</i> (L.) Hook. through shoot bud induction on the internodal portions of mature tree explants. | Journal of Plant Biochemistry and Biotechnology 8(2): 103-104 (1999)   |
| 8  | Jasrai, Y.T., Kannan, V.R., Remakanthan, A. and George, M.M.               | <i>Ex vitro</i> survival of <i>in vitro</i> derived banana plants without greenhouse facilities   | Plant Tissue Culture 9(2): 127-130 (1999)  |
| 9  | Jasrai, Y.T., Wala, B.B., Singh, H.S. and Desai, B.S.                      | A computer-based complementary technique for plant herbaria   | Current Science 78(6): 677-678 (2000)  |
| 10 | Jasrai, Y.T. and George, M.M.  | Role of Biotechnology: Production of compounds without plant sacrifice  | In : Role of Biotechnology in Medicinal and Aromatic Plants, Vol. III, Eds. Khan, I.A. and Khanum, A., Ukaaz Publications, Hyderabad, 82-89 (2000) |
| 11 | Raole, V.M.  | Survival strategies of rare and restricted plant taxa from Kutch, Gujarat.  | Proc. Nat. Conf. On Dimensions of Environmental Stress in India, Geol. Dept., M.S.U., Baroda, published 1-3-97, in October 1999 pp 139-141.        |

**Department of Chemistry**

- |    |   |  |  |
|----|---|--|--|
| 1. | Bhattacharya, P.K.                              | Magnetic and electrochemical studies of binuclear complexes. Rajasthan University Jaipur, p. 109-125 March 1999. | Proceedings of the conferences on advances in metallo-organic chemistry. |
| 2. | Dutta, S., Pal, S. and Bhattacharya, P.K.       | Synthesis and characterisation of some Ru(II) complexes of 2-carbonyl pyridine derivatives.                      | Polyhedron, 18, 2157-2162 (1999).  |
| 3. | Shah, M., Sureshan, C.A. and Bhattacharya, P.K. | Study of effect of substitution on ligands on the catalytic activity of ternary complexes.                       | J. Mol.Catal.,(A) Chemical 152,245 - 248(2000).                          |

**7. Faculty of Science**

- |     |   |  |   |
|-----|---|--|---|
| 4.  | Sureshan, C.A. and Bhattacharya, P.K.   | Study of some diamide Copper(II) complexes.  | Indian J.Chem., 38A, 723-726 (1999).  |
| 5.  | Pilate, T., G. Bijukumar, and Shah, A.C.  | (R)-N-(1-Hydroxybut-2-yl) pyrrolidone 2,5,-dione.  | Acta. Cryst., C55, 612-613 (1999).  |
| 6.  | Sulthana, S.B., Bhat, S.G.T., and Rakshit, A.K.   | Interfacial and thermodynamic properties of mixed anionic-nonionic binary surfactant system.   | J.Surf. Sci.Technol. 13, 20-31(1997). (Pub. in 2000).   |
| 7.  | Sulthana, S.B., Rao, P.V.C., Bhat, S.G.T., Nakano, T.Y., Sugihara, G. and Rakshit, A.K. | Solution properties of nonionic surfactants and their mixtures: Polyoxyethylene (10) alkyl ether [C <sub>12</sub> E <sub>10</sub> ] & MEGA 10. | Langmuir, 16, 980-987 (2000)  |
| 8.  | Sulthana, S.B., Bhat, S.G.T., and Rakshit, A.K.   | Solution properties of sodium dodecylbenzene sulfonate (SDBS): Effect of additives.  | Bull. Chem. Soc. Jpn., 73,281-287 (2000).   |
| 9.  | Brahmbhatt, R., Patel, A. and Devi, S.  | Solid phase grafting of 4-vinyl pyridine on to isotatic polypropylene.   | Eur. Polym. J. 35, 1695-1701, (1999)  |
| 10. | Thakore, I.M., Desai, S., Sarawade, B.D., and Devi, S.                                  | Evaluation of compatibility of poly (vinyl chloride)/ starch acetate blends using simple Techniques.   | J. Appl. Polym. Sci. 71, 1851-1861 (1999)   |
| 11. | Thakore, I.M., Iyer, S., Desai, A., Lele, A. and Devi, S.                               | Morphology, Thermo-mechanical properties and Biodegradability of LDPE starch blends.   | J. Appl. Polym. Sci. 74, 2791-2802 (1999)   |
| 12. | Pokhriyal, N. and Devi, S.  | Effect of water solubility of Monomers on Reaction Kinetics on O/W Microemulsion copolymerisation.   | Eur. Polym. J., 36, 333-343 , (2000).   |
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**III PAPERS PRESENTED AT INTERNATIONAL / NATIONAL / STATE LEVEL SEMINARS / CONFERENCES, ETC.**

**Department : Bio-chemistry**

Sr. No.	Author(s)	Theme, Organizing Body, Place, and Date of Seminar/Conference	Title of Paper	Published* / Unpublished
1.	Srivastava, S., Nidhi, N., Archana, G. and Nareshkumar, G.	40th Annual conference of Association of Microbiologists of India held at Central Institute of fresh water Aquaculture (ICAR) Bhubhaneshwar, during January 22-25, 2000.	Chelation of Al and Cu by organic acid secreting rhizobacteria in conferring Al and Cu tolerance to plants	Published
2.	Gyaneshwar, P., Naresh Kumar, G. and Parekh, L. J. .	International workshop on Food security in nutrition-stressed environments Exploring plants genetic capabilities held at ICRISAT, Patancheru, India during September 27-30, 1999.	Role of soil micro-organisms in improving P nutrition of plants,	Unpublished

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3.	Karunakaran, R., Mehta, O., Pohnerkar, J., and Naresh Kumar, G.	Presented in the International Symposium on Transcription Assembly and Nucleic acid-Protein Interactions held at Department of Microbiology and Cell Biology, Indian Institute of Science, Bangalore during June 7-9, 1999.	Expression of <i>xisA</i> promoter of <i>Anabaena sp. strain PCC 7120</i> using lac Z fusion expression system in E.coli.	Published
4.	Laxmipriya, P. Pillai, A.K., Rawal, A., and Gupta, S.	Annual meeting of Society of Biological Scientists held at Indian Institute of Science, Bangalore during December 26-28, 1999.	Effect of low level simultaneous exposure of lead and cadmium on ovarian steroidogenesis.	Published
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9.	Mehta, O. , Karunakaran, R., Jayashree, P. and Naresh Kumar, G.	Second National Students Symposium on Biological Engineering and Biotechnology held at Dept. Biochem. Engg. Biotech., Indian Institute of Technology, Delhi during February 18-20, 2000.	Role of <i>a54</i> ( <i>ntrA</i> ) on the excision of <i>nif D</i> element of <i>Anabaena sp. strain PCC7120</i> in <i>Escherichia coli</i> .	Unpublished
10.	Kumar, V., Naresh Kumar, G. and Archana, G.	Presented at the International Conference on Management of Natural Resources for Sustainable Agricultural production in the 21st Century held at New Delhi, India during 14-18 February 2000.	Role of broad substrate - specificity of Glucose Dehydrogenase of <i>Enterobacter asburiae</i> PS 13 in providing versatility to its mineral phosphate solubilising (MPS) phenotype.	Published

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| 12. Vyas, D.H., Anthony, S.M., Archana, G., Vyas, P.R., Patel T.C., Mevada, K.D., Patel, J.J., Nafde, S.D., and Naresh Kumar, G. | Presented at the International Conference on Management of Natural Resources for Sustainable Agricultural Production in the 21st Century held at New Delhi, India during 14-18 February, 2000. | Growth and yield enhancement of <i>Vignaradiata</i> (mung bean) by the inoculation of gluconic acid producing Phosphate solubilizing <i>Enterobacter asburiae</i> .                         | Published   |
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**Department of Botany**

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| 4. Arya, A.                             | 87th Indian Science Congress, Pune University, Pune 3-7 January 2000.  | AMF : A potential phosphate fertilizer for medicinal plants                        | Unpublished |
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| 10. | Prathapasenan, G. and John, A. | UGC National Seminar "Role of plant growth regulators and plant biotechnology to improve growth and productivity of plants. Department of Botany, University School of Sciences, Gujarat University, Ahmedabad - 380009, March 2-4, 2000. | Production of salt tolerant embryoids of rice ( <i>Oryza sativa</i> L.) | Unpublished |

### Department of Chemistry

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| 1. | Dutta, S. and Bhattacharya, P.K.       | International Conference on Chemistry and 36 <sup>th</sup> Annual Convention of Chemists Organised by Indian Chemical Society, , Calcutta, Dec. 11-16, 1999.          | Study of the effect of substitution on the epoxidation catalytic activity of some Ruthenium complexes | Unpublished |
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| 3. | Sulthana, S.B and Rakshit, A.K.        | National Conference on Surfactants, emulsion and Biocolloids, Kalyani University, Kalyani, West Bengal. Nov, 2-4, 1999.   | Additive effect on the properties of non-ionic surfactant solutions.                                  | Unpublished |
| 4. | Mathakiya, I.A. and Rakshit A.K.       | International Conference on Chemistry and 36 <sup>th</sup> annual convention of chemists, Calcutta, Dec. 11-16, 1999.   | Synthesis of tartaric acid based new polyamide.   | Unpublished |
| 5. | Desai, J., Mishra, A.N. and Nair, K.B. | National Conference on "Recent trends in Structure Functions, Analysis of Molecules and Applications" Chemistry Dept. University of Mysore, Mysore, Oct. 28-30, 1999. | Chalcones and related copounds with antibacterial activity.   | Unpublished |

**7. Faculty of Science**

6.	Desai, J. , Mishra, A.N. and Nair, K.B.	International Conference on Chemistry and 36 <sup>th</sup> Annual Convention of Chemists Organised by Indian Chemical Society, , Calcutta, Dec. 11-16, 1999.	"Synthesis of new antioxidants based on hindered phenols"	Unpublished
7.	Patel, D.R. and Ram, R.N., Vyas, R., Chanda, B.M.	National Seminar on "Trends in Industrial Catalysis", IIGE Baroda Regional Centre and Catalysis Society of India, Baroda Chapter, Vadodara, Sept. 10-11, 1999.	Synthesis of Polymer anchored Mn Complex and its application in the Aliridation of olefins.	Unpublished
8.	Patel, D.R. and Ram, R.N.	National Seminar on "Trends in Industrial Catalysis", IIGE Baroda Regional Centre and Catalysis Society of India, Baroda Chapter, Vadodara, Sept. 10-11, 1999.	Supported metal complexes as catalysts : synthesis, characterization and its catalytic activity.	Unpublished
9.	Thaker, N.N.	National Conference on current trends in Department of Chemistry, Sri Venkateshwara University, Tirupati, March 13-14, 2000.	Synthesis and Study of 7-(4'-n-Alkoxybenzoxyloxy)-3-benzoyl-coumarins.	Unpublished
10.	Kulkarni, N.D.	International Conference on Chemistry and 36 <sup>th</sup> Annual Convention of Chemists, Calcutta, Dec. 11-16, 1999.	Synthesis and redox properties of binuclear Copper (II) complexes with pyrazolate bridging groups.	Unpublished
11.	Tandel, R.C.	National Seminar on "Material Science : Trends & Future (MSTF-2000), Dept. of Physics, Sant Largowal Institute of Engg. And Technology, Largowal, Sangrur (Punjab), 24-25 Feb. 2000.	Electrical conductivity and thermal stability of methacrylate polymers.	Unpublished
12.	Tandel, R.C., Vora, R.A. and Mehta, A.K.	International Symposium on Luminescence and its applications, Applied Physics Department, M.S. University of Baroda, Baroda, 7-10, Feb. 2000.	Fluorescent mesogenic polymers with chalcone linkage.	Unpublished
13.	Tandel, R.C. and Vora, R.A.	International Symposium on Luminescence and its applications, Applied Physics Department, M.S. University of Baroda, Baroda, 7-10, Feb. 2000.	Fluorescent polymethacrylates having mesogenic side chains.	Unpublished
14.	Purohit, N.V.	International Conference on Chemistry and 36 <sup>th</sup> Annual Convention of Chemists, Calcutta, Dec. 11-16, 1999.	Synthesis of some schiff base as mesogens with antibacterial activity.	Unpublished
15.	Patel, A.U.	International Conference on Chemistry and 36 <sup>th</sup> Annual Convention of Chemists, Calcutta, Dec. 11-16, 1999.	Supported Heteropolyacid : synthesis and Characterization	Unpublished

## 7. Faculty of Science

### Department of Geography

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|----|---------------------------|---|--|-------------|
| 1. | De, J.                    | National Seminar on "Indian Social Geography in the 21 <sup>st</sup> Century". Organized by Department of Geography, University of Mumbai, Mumbai, March 22 & 23, 2000                | Health & Social Well-being: A Challenging Area in Social Geography           | Unpublished |
| 2. | Bane, R. & Rangaswamy, V. | 15 <sup>th</sup> Gujarat Science Congress organised by Gujarat Science Academy & Faculty of Science, M.S.University of Baroda, Baroda. 12 <sup>th</sup> & 13 <sup>th</sup> Feb. 2000. | A GIS based information system for slum growth: A case study of Anand slums. | Unpublished |
| 3. | Yajnik, A.R. & Bane, R.   | XIX INCA International Congress Vasco-Da.Gama, Goa, 26 <sup>th</sup> -28 <sup>th</sup> Oct., 1999.  | Exploitation of Resources and Coastal Environment: A case study of Alang.    | Unpublished |

### Department of Geology

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|----|---|--|--|-------------|
| 1. | Joshi, A.V.                                   | Department of Geology, M.S. University of Baroda, Vadodara 1 – 3 December, 1999  | Impact of Limestone mining of the Precious Dinosaurian Occurrence- A Case study. Of Lameta formation 9 (Maastrichtion) of Lower Narmada Basin, Western, India. | Published   |
| 2. | Deota, B.S., Dholakia, A. and Desai, N. D.    | Department of Geology, M.S. University of Baroda, Vadodara. 1 – 3 December, 1999   | Vadodara floods : A case of unplanned urbanization   | Published   |
| 3. | Karanth, R.V.                                 | International Diamond Conference: Mines to Market; 3-4 March 200, Mumbai. The Gems and Jewelry Export Promotion Council. | Ancient and present sources of Diamonds in India   | Published   |
| 4. | Chamyal L.S.                                  | Workshop on South Asian Palaeo-environments. PAGES Ind. Inst. Of Tropical Meteorology, Pune, Feb. 4-5, 2000.             | Late Pleistocene- Holocene Palaeoenvironmental changes : evidence from Gujarat alluvial plains.  | Unpublished |
| 5. | Limaye, M.A. and Desai, S.J.                  | Int. Symposium on Chamockite and granulite facies rocks,   | Metamorphic history of Precambrian rocks of Danta area, Banaskantha district, North Gujarat.   | Published   |
| 6. | Mathew, G., Gundu Rao, T.K. and Karanth, R.V. | ESR and FT – IR Studies on rare variety of Natural zeolite : Cavanoite 1-2 December 1999.                                | Symposium on Solid State Physics KalpakaM.   | Published   |
| 7. | Nair, J. and Ganapathi, S.                    | Department of Geology, M.S. University of Baroda, Vadodara 1 – 3 December 1999.  | Quality of water for irrigation in Bhadar basin, Saurashtra.   | Published   |

**7. Faculty of Science**

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|-----|--|---|---|-----------|
| 8.  | Patel, P.P.                                      | Theme : Development of water resources and technology in water supply sector", Indian Water Works Association, Vadodara 19.12.99. | Design of development for captive water supply scheme in hard rock hilly terrain of Gujarat.        | Published |
| 9.  | Srikarni, C.,<br>Desai, S.J. and<br>Limaye, M.A. | National Seminar on tectonomagmatism, geochemistry and metamorphism of pre-Cambrian terrains,                                     | Plumose symplectite- A case of osumilite breakdown in pelitic granulites of North Gujarat, W. India | Published |
| 10. | Tiwari, K.C. and<br>Desai, N. D.                 | National Conference : Dimensions of Environmental Stress in India.  | Impact of Sea Level Rise due to Green House Effect : some aspects from Gujarat State.               | Published |

**Department of Mathematics**

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|----|---------------------------------|---|---|-------------|
| 1. | Dalbhide, M. and<br>Dave, B.I.  | Society of Special functions and their applications, J.N.V. University, Jodhpur during March 3-4, 2000.   | A general inversion pair II   | Unpublished |
| 2. | Tikekar, R. and<br>Thomas, V.O. | Conference on Recent development in Relativity and Allied Topics during Aug. 30-Sept. 01, 1999 at Department of Mathematics, Aligarh Muslim University, Aligarh.  | A core envelope model of superdense star on pseudo spheroidal space-time. | Unpublished |
| 3. | Tripathi, S.<br>and Patel, N.V. | 65 <sup>th</sup> Annual Conference of the Indian Mathematical Society Dec. 20-23, 1999 of the Department of Mathematical Science, A.P.S. University, Rewa (M.P.). | On almost increasing sequences and its applications.                      | Unpublished |

**Department of Microbiology and Biotechnology**

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|----|---|---|--|-------------|
| 1. | Rao, K.K.,<br>Menon, T., Unni, S.<br>and Helarya, D.                              | International conference on managing natural resources for sustainable agricultural production in 21st century, New Delhi, Feb 14-18, 2000. | Rhizobium - legume symbiosis : some of the associated factors  | Unpublished |
| 2. | Vaidya, R.J.,<br>Bhatt, M. and<br>Chhatpar, H.S.                                  | National symposium on mycology at 2000 and beyond. VV Nagar, Anand, December 21-23, 1999.   | Salt stress mediated regulation of P ATPase and chitinase from <i>Aspergillus repens</i> ATCC 90531. | Unpublished |
| 3. | Vaidya, R.J.,<br>Shah, I.M.,<br>Chhaya, U.D.,<br>Vyas, P.R. and<br>Chhatpar, H.S. | National symposium on mycology at 2000 and beyond. VV Nagar, Anand, December 21-23, 1999.   | Chitinase from sasoon duck isolates, a potential biocontrol agent for plant pathogens.               | Unpublished |

## 7. Faculty of Science

4.	Vaidya, R.J., Shah, I.M., Chhaya, U.D., Vyas P.R. and Chhatpar H.S.	68th annual meeting of Society of Biological Chemists of India, Bangalore, Dec. 27-29, 1999.	Control of cajanus cajan wilt by chitinase biopesticides	Unpublished
5.	Shukla, M.R., Rajeswari, E.S., Tendulkar, S.R. and Chhatpar H.S.	68th annual meeting of Society of Biological Chemists of India, Bangalore, Dec. 27-29, 1999.	Prevention of haemolysis caused by an H malarial drugs.	Unpublished
6.	Vaidya, R.J., Shah, I.M., Chhaya, U.D., Vyas, P.R. and Chhatpar, H.S.	International conference on managing natural resources for sustainable agricultural production in 21st century, New Delhi, Feb 14-18, 2000.	Fungal plant disease management using chitinase biopesticides.	Published
7.	Chhaya, U.D., Patel, D.K., Vaidya, R.J., Vyas, P.R. and Chhatpar, H.S.	National conference on recent trends in Biotechnology, Amravati, February 3-5, 2000.	Chitinase biopesticide for management of fungal plant pathogens.	Unpublished
8.	Acharya, A. and Desai, A.	68th annual meeting of Society of Biological Chemists of India, Bangalore, Dec. 27-29, 1999.	1,2 dichloro ethanol dehalogenase in Gram positive bacterial isolates.	Unpublished
9.	Iyer, S. and Desai, A.	68th annual meeting of Society of Biological Chemists of India, Bangalore, Dec. 27-29, 1999.	Characterisation of polyhydroxy butyrate depolymerase from <i>A. fumigatus</i> exhibiting novel self aggregating behaviour.	Unpublished
10.	Zala, S. and Desai, A.	68th annual meeting of Society of Biological Chemists of India, Bangalore, Dec. 27-29, 1999.	Removal of nitrate from effluent immobilized bacterial cells.	Unpublished
11.	Bagchi, T.	68th annual meeting of Society of Biological Chemists of India, Bangalore, Dec. 27-29, 1999.	Identification and partial purification of Iy/AC binding proteins <i>Helicoverpa armigera</i> larval midgut.	Unpublished
12.	Rao, K.K. and Bagchi, T.	68th annual meeting of Society of Biological Chemists of India, Bangalore, Dec. 27-29, 1999.	Penicillin binding proteins of <i>Bacillus thuringiensis</i> .	Unpublished
13.	Nair, M., Jacob, A., Mukherjee, F. and Jain, J.	Current trends in Biology : Symposium by Society of Biological chemists of India, IISc, Bangalore, Dec. 27-29, 1999.	Diagnosis of Brucellosis comparison between serological and PCR methods.	Unpublished

**7. Faculty of Science**

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|-----|---|--|--|-------------|
| 14. | Srivastava, S.,<br>Neekhare, N.,<br>Archana, G., and<br>Naresh Kumar, G.  | 40th annual conference of<br>association of microbiologists<br>of India, 22-24th Jan, 2000,<br>Bhubhaneshwar, India. | Chelation of Al <sup>+3</sup> & Cu <sup>+2</sup> by<br>..... to plants | Unpublished |
| 15. | Kumar, V.,<br>Naresh Kumar, G.<br>& Archana, G.   | International conference on<br>managing natural resources,<br>Feb. 14-18, 2000, Delhi, India.                        | Role of bread sub-strate<br>specificity .....phenotype.                | Published   |
| 16. | Srivastava, S.,<br>Kulkarni, A.,Yadav, N.,<br>Archana, G. and<br>Naresh Kumar, G.   | International conference on<br>managing natural resources,<br>Feb. 14-18, 2000, Delhi, India.                        | Phosphate solubilizing.....<br>Ancystis nidulans.                      | Published   |
| 17. | Vyas, D.H., Anthony,<br>S.M., Archana, G.,<br>Vyas, P.R., Patel,<br>T.C., Mevada, K.D.,<br>Patel, J.J., Nafde, S.D.<br>& Naresh Kumar, G. | International conference on<br>managing natural resources,<br>Feb. 14-18, 2000, Delhi,<br>India.                     | Growth and yield .....<br>enterobacter asburial.                       | Published   |

**Department of Physics**

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|----|---|--|--|-------------|
| 1. | Pal, G., Sebastian,<br>K.C., Chintalapudi, S.N.<br>And Somayajulu, D.R.S. | Solid State Physics,<br>Organized by DAE at<br>Kalpakon, Dec.25-31 (1999).   | Radiation induced<br>defects in Silicon.   | Published   |
| 2. | Bhavsar, S.R.,<br>Pandya, G.R.,<br>Vyas, S.M., Shah, K.R.<br>& Soni, P.H. | 10 <sup>th</sup> International Workshop<br>on Physics of Semiconductor<br>Devices, SSPL, DRDO,<br>New Delhi, Dec.14-18, 1999.      | Transport properties of<br>In Bi Te (x=0.1 to 0.5)<br>crystals. <sup>3</sup>   | Published   |
| 3. | Shah, B.P. and<br>Pandya, S.R.  | 15 <sup>th</sup> Gujarat Science Congress,<br>Ahmedabad. Place – Science<br>Faculty, M.S.University, Baroda.<br>Feb.12-13, (2000). | Elastic Scattering of<br>Electrons from heavy<br>atoms : EBS – Approach<br>at high energies.   | Unpublished |
| 4. | Singh, N.L.,<br>Gadkari, M.S.,<br>Patel, H.B. and<br>Shah, D.J.           | Department of Atomic Energy,<br>Gov.of India, Punjab University,<br>Chandigarh, Dec.27-31, 1999.                                   | 1) Measurement and<br>Analysis of excitation<br>functions for alpha induced<br>reactions in rhenium.<br>2) Isobaric contribution in<br>Tin-169 (a,xnYp) reactions<br>and its analysis. | Unpublished |
| 5. | Sharma, Anita and<br>Singh, N.L.  | Gujarat Science Academy<br>and M.S.University of Baroda,<br>Faculty of Science,<br>Feb.12-13,(2000).                               | Effects of high energy<br>ion beam irradiation on<br>the electrical properties<br>of polypropylene.  | Unpublished |
| 6. | Singh, N.L.,<br>Sharma, Anita, Shrinet V.<br>and Avasthi, D.K.            | Study of Electrical properties<br>of blended polymer due to<br>ion beam irradiation.   | Eleventh Annual General<br>Meeting of MRSI, Feb.3-5,<br>2000.  | Unpublished |

## 7. Faculty of Science

7.	Tripathi, P. and Sharma, A.C.	Solid State Physics Symposium. Organized by DAE at Kalpakom, Dec.25-31, (1999).	Electron relaxation time in type-II super lattices.	Published
8.	Sureshkumar, M.B. Shah, N.R. and Ashish, Jaituni	15 <sup>th</sup> Gujarat Science Congress. Organized by Gujarat Science Academy and Faculty of Science, M.S.University of Baroda, Feb.12-13, 2000	Estimations of rotational temperature of <sup>121</sup> Sb <sup>16</sup> O molecule.	Unpublished
9.	Murthy, K.V.R., Nehate, A.K. and Joshi, R.V.	Luminescence : Luminescence Society of India and M.S. University of Baroda, Baroda, 7-10 Feb.2000.	Thermally Originated Luminescence in Scolecite : An Approach.	Published
10.	Tendal, R.C., Nehate, A.K., Mehta, P.K. and Vhroa, R.A.	International Symposium on Luminescence & its Applications (ISLA-2000), M.S.University, Baroda, 7-10 Feb.2000.	Fluorescence polymethacryli- chitic having mesogenic side chain.	Unpublished
11.	Patel, Minaxi	XI <sup>th</sup> AGM of Material Research Society of India, I.I.Sc. Bangalore. Place-Vadodara & V.V.Nagar 3-5 Feb.2000.	The directional charge of Vickers hardness.	Unpublished
12.	Shinde, P.S., Mehta, P.K. and Padalia, B.D.	Material Science Material Research Society of India, I.I.Sc Bangalore. M.S. University, Baroda, & V.V. Nagar Feb.3-5, 2000.	Surface characterization of multicomponent metal alloys.	Unpublished
13.	Panchal, H.R. and Kanchan, D.K.	National Seminar on Materials Science : Trends & Future Sant Longowal Inst.of Engg. & Tech. Longowal, 24-25 Feb. 2000.	Mossbauer studies in 20K <sub>2</sub> O : YV <sub>2</sub> O <sub>5</sub> (75-Y) B <sub>2</sub> O <sub>5</sub> 5 Feros glass system.	Unpublished
14.	Panchal, H.R. and Kanchan, D.K.	15 <sup>th</sup> Gujarat Science Congress. 12-13 Feb.2000, at M.S.University of Baroda.	DC Conductivity of xK <sub>2</sub> O : (95-x) [2V <sub>2</sub> O <sub>5</sub> : B <sub>2</sub> O <sub>3</sub> ] : 5Fe <sub>2</sub> O <sub>3</sub> glass system.	Unpublished
15.	Jha, P.K. and Sanyal, S.P.	Material Science : Trends & Future, SLISY Longowal, 25-26 Feb.,2000.	Electron – Phonon interaction in ruthenate Sr <sub>2</sub> RuO <sub>4</sub> .	Unpublished
16.	Jha, P.K. and Sanyal, S.P.	Xi <sup>th</sup> Annual General Meeting Material Research Society of India, Bangalore, Vadodara & V.V. Nagar, 3-5 Feb, 2000.	Structural Phase Transition in Cerium Monobismuthals.	Unpublished

**7. Faculty of Science**

**Department of Statistics**

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|----|-------------------------------|---|--|-------------|
| 1. | Sreehari, M.                  | Statistical methods and statistical computing, Statistics department, S.P.University, V.V.Nagar,  | On the limiting behaviour of randomly weighted random sums.<br>Feb.18-19, 2000.  | Unpublished |
| 2. | Roy, B.B.,<br>Shanubhogue, A. | Development in Statistical Science and Statistical Computing, Statistics department, S.P.University, V.V.Nagar, Feb. 18-19, 2000.                               | Price adjusting sampling plans by variables for 9 class of symmetrical thick tailed distributions.                                   | Unpublished |
| 3. | Kalamkar, V.A.                | U.G.C. sponsored national conference, Statistics Dept, S.P.University, V.V.Nagar, Feb. 18-19, 2000.   | Discrete analogue of geometric stability and related processes.  | Unpublished |
| 4. | Gandotara, M.M.               | Regional consultation meeting for the West zone, Organized by ICMR and UNICEF, N.Delhi and held at Goa, 20-22, October, 1999.                                   | Reproductivity and child health status in Gujarat.   | Unpublished |
| 5. | Das, N.P.                     | Millennium conference on population, development and environment Nexus organized by population foundation of India, IASP & UNFPA at N.Delhi, 14-16, Feb., 2000. | Invited as discussion for the conference.  | Unpublished |
| 6. | Dey, D.                       | Workshop on utilization of research findings, organized by Population Council, India during Sept.6-9, 1999.   | Identification of the Barriers of Emergency obstetric care (EOC) in rural Gujarat sponsored by UNICEF and conducted by CORT, Baroda. | Unpublished |

**Department of Zoology**

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|----|--|---|---|-------------|
| 1. | Lagu, S.K.,<br>Bhavsar, N.G. and<br>Ramachandran, A.V. | Reproduction and general endocrinology. Society of Reproductive Biology and Comparative Endocrinology. Christian College, Madras, Dec. 1999.                | Effect of melatonin and short photoperiod in hypothyroid rat neonatal on functional maturation of testis. | Unpublished |
| 2. | Radhakrishnan, N.,<br>Dolly Kumar and<br>Manoj Kumar   | Science – Industry interface in the new millennium. Gujarat Science Academy and M.S. University of Baroda, 12 <sup>th</sup> and 13 <sup>th</sup> Feb. 2000. | Decline in the Butterfly population of Baroda District.   | Unpublished |

**7. Faculty of Science**

3.	Dolly Kumar and Siliwal, Manju	Science – Industry interface in the new millennium. Gujarat Science Academy and M.S. University of Baroda, 12 <sup>th</sup> and 13 <sup>th</sup> Feb. 2000.	Spiders as Biocontrol agents in cotton fields of Gujarat.	Unpublished
4.	Suresh. B., Pradeep. P.K., Manju S., Shilpa. D. and Pilo, B.	Science – Industry interface in the new millennium. Gujarat Science Academy and M.S. University of Baroda, 12 <sup>th</sup> and 13 <sup>th</sup> Feb. 2000.	Influence of Anthropogenic pressure on woodland species of Birds.	Unpublished
5.	Shilpa D. Suresh	Science – Industry interface in the new millennium. Gujarat Science Academy and M.S. University of Baroda, 12 <sup>th</sup> and 13 <sup>th</sup> Feb. 2000.	Water quality and planktonic diversity of river Viswamitry.	Unpublished

**IV TALKS OF ACADEMIC NATURE IN PROFESSIONAL PROGRAMMES**

**Department of Biochemistry**

Sr. No.	Name(s)	Nature of Professional Programmes	*TitleCapacity of	Participation**
1.	Katyare, S.S.	UGC sponsored refresher course in Biochemistry, University of Poona, Pune during November 28-31, 1999.	Presented a lecture on 'Bioenergetics'.	Resource Person
2.	Naresh Kumar, G.	(i) Department of Biological Sciences, Tata Institute of Fundamental Research, Mumbai on March 14, 2000.	Presented a Lecture on 'Phosphate Solubilizing Microorganisms'.	Invited Talk
		(ii) Department of Biological Sciences, Tata Institute of Fundamental Research, Mumbai on November 9, 1999.	Presented a lecture on 'Mechanism of excision of nifD element of heterocystous cyanobacterium Anabaena PCC 7120'.	Invited Talk
		(iii) Department of Biosciences, S.P. University, Vallabh Vidyanagar on October 22, 1999.	Presented a lecture 'Relevant Techniques and their Applications' in Business in Biotechnology .	Invited Talk
		(iv) Department of Biosciences , S. P. University. Vallabh Vidyanagar on October 1, 1999.	Presented a lecture on 'Carbon metabolism in bacteria' and 'Metabolism of bacteria in natural environments'.	Invited Talk
3.	Acharya, S.R.	Sun Pharma Advanced Research Centre (SPARC), Baroda 11 & 18 January, 2000.	Two talks on 'Drosophila' ; A near ideal model for genetic investigations I and II.	Invited Talk

**7. Faculty of Science**

4.	Ratnaprabha, C.	Sun Pharma Advanced Research Centre (SPARC), Baroda 25-1-2000.	Talk on 'Protein Folding'.	Invited Talk
<b>Department of Chemistry</b>				
1.	Bhattacharya, P.K.	(i) Department of Chemistry, Saurashtra University, Rajkot, 21st Feb. 2000.	Structure and oxygen transport by Haemoglobin.	Invited Speaker.
		(ii) Annual Day of the Alumni Association of Chemistry Department, M.S. University, 6 <sup>th</sup> March 2000.	Macrocyclic ligands and their role in biological process.	Guest Lecturer
		(iii) Workshop on Catalysis, Catalytic Society of India, Baroda Chapter, Faculty of Technology, M.S. University of Baroda, 25 <sup>th</sup> March 2000.	Some aspects of homogeneous Catalysis.	Invited Speaker
2.	Rakshit, A.K.	Platinum Jubilee Celebration of Indian Chemical Society, Calcutta, Dec. 11-16, 1999.	Studies of Chemical Reactions in microheterogeneous medium.	Invited Speaker
3.	Devi, S.G.	(i) Seminar on Resins Today and Tomorrow, IRMA, Mumbai,	Microemulsion Polymerisation : Tomorrows technology.	Invited Speaker 29 <sup>th</sup> Sept. 1999.
		(ii) Indian Council of Chemists, North Maharashtra University, Jalgaon, Dec. 27-29, 1999.	Frontiers of research in our laboratory.	President, Analytical and Environmental science section.
		(iii) Platinum Jubilee Celebration of Indian Chemical Society, Calcutta, Dec. 11-16, 1999.	Research and Chemical Education.	Invited Speaker
4.	Kamath, B.V.	(i) Workshop on Applications of NMR spectroscopy in Research and Industry, ISAS, Baroda Chapter, Vadodara, Jan 29, 2000.	Theory and Fundamentals of NMR.	Resource Person.
		(ii) Inservice course in Methodology of Teaching and Evaluation, M.S. University of Baroda, Sept. 1999.	Experimental learning or Hands- on experience.	Resource Person.
<b>Department of Geography</b>				
1.	De, J.	Refresher course for college teachers of Maharashtra held at Department of Geography, Shivaji University, Kolhapur 28-29 Feb., 2000.	1. Geography in India-Some observations 2. Geography of Health as a Research Discipline 1. Health Care System in India	Resource Person

## 7. Faculty of Science

2.	Yajnik, A.R.	Special Lecture Series, Department of Geography, H.K.Arts College, Ahmedabad 14-8-99.	Importance of Geography In Today's World	Invited Talk
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### Department of Geology

1.	Ganapathi, S.	Workshop on "integrated coastal" and marine's area in arrangement (ICMAM)" D.O.D. forest & Env. Govt. of Gujarat and S.A.C. 1999, 23-24 September.	Integrated coastal management of Gulf of Kutchch	Resource person
2.	Patel, P.P.	(i) Workshop on " Fresh water management", Organised by Unicef & IRMA at Anand,Gujarat 11 <sup>th</sup> & 12 <sup>th</sup> Oct. 1999.	Freshwater occurrence in Gujarat	Resource Person
		(ii) Seminar "Gujarat its environments and challenges", org. by N.V. Patel College of P&A Sciences Vallabh Vidyanagar 19.10.99.	Geo-environmental regions of Gujarat	Resource Persons
		(iii) Indian water works association Baroda Chapter 26.10.99.	Source development in hard rock hilly areas of Gujarat for W.S. Schemes	Invited Talk
		(iv) International Seminar on " Development issues of third world countries "22-26 Nov. 1999.	Panel discussion "Environmental Issues"	Panelist on subject
		(v) Seminar " Groundwater development trends in Gujarat" On 23.11.99.	Ground water resource and development in Gujarat	Resource Person
		(vi) Seminar " Saraswati-Sindhu research Org. by GWSSB., Gandhinagar 15-1-2000.	Lost Sarasvati & Gujarat & Groundwater resources	Resource person
3.	Desai, N.D.	Workshop on "integrated coastal" and marine's area in arrangement (ICMAM)" D.O.D. forest & Env. Govt. of Gujarat and S.A.C. 1999, 23-24 September.	Integrated coastal management of Gulf of Kutchch	Resource person

### Department of Mathematics

1	Das, R.	15 <sup>th</sup> Gujarat Science Congress during 12 <sup>th</sup> to 13 <sup>th</sup> February, 2000.	Expansiveness in Dynamical Systems	Invited Talk
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**7. Faculty of Science**

2.	Patel, N.V.	36 <sup>th</sup> Annual Conference of Gujarat Ganit Mandal, Palanpur, 25-27 December, 1999.	On Wavelet Analysis-I	Invited Talk
3.	Kataria, H.R.	36 <sup>th</sup> Annual Conference of Gujarat Ganit Mandal, Palanpur, 25-27 December, 1999.	On Wavelet Analysis-II	Invited Talk

**Department of Microbiology and Biotechnology**

1	Chattoo, B.B.	(i) National Centre for Plant Genomic Research, Delhi, 30/11/1999 (Colloquim).	Genomics and Chickpea genomics	Invited Talk
		(ii) 15th Gujarat Science Congress at Baroda, February 2000.	Genomics & Food Security	Invited Talk
		(i) 40th Annual conference of Association of Microbiologists of India. Bhubhaneswar, January 22-24, 2000.	Rhizobium-Legume interactions and their signal molecules	Invited Talk
		(ii) Lectures for M.Sc Final Biotechnology Students at Biotechnology Centre, Nagarjuna University, AP November 1999.	Fermentation technology	Invited Talk
		(iii) Lectures for M.Sc Final Microbiology students, Microbiology Dept., Vignani School of PG Centre, Nagarjuna University, June 1999.	1. Ribosomes : Models and assembly of ribosomal components. 2. Fermentation technology	Invited Talk
3.	Chhatpar, H.S.	National Symposium on mycology at 2000 and beyond, VV Nagar, Anand, Dec. 21-23, 1999.	Salt stress in microbes	Invited Talk
4.	Bagchi, T.	Orientation programme for scientists at Sun Pharmaceutical Advanced Research Centre, Baroda 10-1-2000.	Allergy and type I hypersensitive reactions	Invited Talk

**Department of Physics**

1.	Somayajulu, D.R.S.	Refresher Course in Physics, S.P.University, V.V.Nagar 2-3 January, 2000.	Defects in Semiconductors. ( 2 talks)	Resource Person
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## 7. Faculty of Science

2.	Singh, N.L.	(i) Users Workshop Meeting, NSC, New Delhi, 6-7 July, 1999.	Development of Gas Sensor by ion irradiation of Polymers and Blends.	Project Leader
		(ii) Project Review Meeting, IUC for DAE Facilities, Calcutta, 20-21 Jan., 2000.	1) Study of heavy ion induced nuclear reactions by excitation functions and recoil range distribution measurements. 2) Studies of the Chemical effects on the width of narrow resonance nuclear reactions.	Project Leader
3.	Sharma, A.C.	Talks delived under Theoretical Physics Seminar Circuit (TPSC) Programme of DST, New Delhi at a) Univ.of Pune on 3 & 4 <sup>th</sup> March, 2000.	Many particle interaction in solids of low dimensions.	Resource Person
		b) Univ.of Hyderabad on 6&7 <sup>th</sup> March, 2000.	- do -	Invited Talk
4.	Singh, J.P.	(i) Invited talk at PRL A'bad on 8 <sup>th</sup> June, 1999.	AQCD approach for determination of excited heavy meson masses.	Invited Talk
		(ii) Departmental activity in Physics Deptt. of Physics, M.S.U., 13 <sup>th</sup> Nov. 1999.	Nobel Prize in Physics 1999.	Invited Talk
		(iii) Invited talk at I.I.T. Kanpur on 28 <sup>th</sup> March, 2000.	AQCD approach for determination of excited heavy meson masses.	Invited Talk

### Department of Statistics

1.	Das, N.P.	(i) Orientation programme for medical officers of primary health centres of Govt. of Gujarat, Dec. 1999.	Monitoring of family Welfare programme and survey of demographic data in vital registration system in India	Resource Person
		(ii) Technical assistant, workshop organized by the Population Council at Baroda, 8-10, April, 1999.	Men's reproductive and health and adolscent health and sexuality	Resource Person

### Department of Zoology

1.	Bonny, Pilo	(i) Two day workshop on "wetland – current status and conservation strategy for the future". WWF India-Gujarat State. 30 <sup>th</sup> April – 1 <sup>st</sup> May, 1999, Baroda.	Impacts of Urban and Rural development on wetlands of Gujarat.	Invited Talk
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**7. Faculty of Science**

	(ii) One day Seminar on "Gujarat-its environment and challenges". N.V. Patel College of Pure and Applied Sciences, S.P. University, V.V. Nagar. 19 <sup>th</sup> Oct. 1999.	Biobanking concept of Biodiversity conservation.	Invited Talk
	(iii) One day Semiar on "Protected areas and biodiversity conservation-problems, prospects".	Shoolpaneswar Sanctuary- Anthropogenic pressure and its impact on biodiversity in protected areas.	Invited Talk
2.	Geeta, Padate Gujarat Ecology Commision, 12 <sup>th</sup> Jan. 2000. Training programme on field ornithology. AINP on Agricultural ornithology, GAU, Anand Campus, Oct. 1999.	Breeding biology of birds- Events, controlling factors and it recording.	Resource Person

**V CONTRIBUTION TO CONDUCT PROFESSION PROGRAMMES**

Sr. No.	Name (s)	Programme (s), Place and Date (s)	Capacity of Participation**
<b>Department of Bio-Chemistry</b>			
1.	Acharya, S.R.	One-day symposium on Essence of Human Brain organised by Society of Biological Chemists, Baroda Chapter on September 17, 1999.	Organizing Member
2.	Jani, M.D.	For Post B. Sc C.M.L.T. programme (Gujarat Govt. recognised) of K. G. Patel Children's Hospital, Karelibaug, Baroda .  (1) September '91 DMLT course run by K.G. Patel Children Hospital (2) August '98 CMLT course run by K.G. Patel Children Hospital	Honorary Lecturer
<b>Department of Botany</b>			
1.	Arya, A.	National Seminar on 'Air Pollution: Development at what cost? Organised by IAAPC and Institution of Engineers (I) Baroda. Baroda on 16th October 1999.	Member, Organising Committee.
2.	Raole, V.M.	Avishika workshop, Shishumilap, Village, Bil, Tal. Padra, Feb. 2000.	Resource person in Botany.
<b>Department of Chemistry</b>			
1.	Kamath, B.V.	i. Workshop on "Application of Nuclear Magnetic Resonance Spectroscopy in Research and Industry" Organised by Indian Association of Analytical Scientists. (ISAS) Baroda Chapter, at Faculty of Science, M.S.U. Jan. 29, 2000.	Co-ordinator.

**7. Faculty of Science**

- ii. Symposium on 'Industrial Applications of NIR Spectroscopy organised by ISAS, Baroda Chapter, Vadodara on Feb. 28-29, 2000. Member, Local Organising Committee.

**Department of Mathematics**

1. Patel, N.V. Gujarat Science Congress, Faculty of Science, The M.S. University of Baroda, 12<sup>th</sup> and 13<sup>th</sup> February 2000. Sectional President in Mathematical Sciences.

**Department of Microbiology and Biotechnology**

1. Chattoo, B.B. (i) Intellectual property management. Bangkok (Thailand), Dec. 7-13, 1999. Participant  
(ii) Scientific research in Yeast Genetics & Physiology with particular reference to the control of metabolic oscillations, Tsukuba, Ibaruki, Japan, August 19 to September 16, 1999. Visiting Scientist  
(iii) Mini symposium and workshop on theory and practice of Bioinformatics at M.S. University, Baroda from Feb. 27 to March 2, 2000. Organizer in cooperation with ICCB network
2. Rao, K.K. (i) Member, Syllabus framing committee appointed by Saurashtra University, Rajkot for B.Sc Biotechnology and Industrial Microbiology; August 1999. Advisor  
(ii) Assessment of Sr. Scientists for promotions at CSIR Lab, Central Food Technological Research Institute, Mysore, November 1999 & NCL Pune, December 1999. Invited as subject expert in Fermentation Technology  
(iii) Expert member, UGC Review committee for reviewing the work of Research scientists in Biology, New Delhi, November, 1999. Subject Expert member  
(iv) Chairman, in Biology group at 15th Gujarat Science Congress, MSU, Baroda, February 2000 Chairman of one session.  
(v) UGC DSA Programme in Microbiology 5-6 March, 2000 Co-ordinator.
3. Nerulkar, A. Gujarat Science Congress 12-13 February, 2000 Member, Reception Committee.
4. Desai, A. One day symposium on "Essence of human brain" organised by SBC, Baroda Chapter on Sept. 7, 1999. Member -Organizing Committee.

**7. Faculty of Science**

**Department of Physics**

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|----|--------------|--|---------------------------------|
| 1. | Singh, N.L.  | Gujarat Science Congress, Faculty of Science, M.S.U., Baroda, 12-13 Feb.2000.  | Chairman – Reception Committee. |
| 2. | Nehate, A.K. | International Symposium on Luminescence and its Applications. Organised by M.S.U., Baroda with LSI and SICART (V.V.Nagar) ISLA-2000, Feb.7-10, 2000. | Organizing Secretary.           |

**Department of Statistics**

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|----|----------------|--|---|
| 1. | Gandotra, M.M. | (i) Lecture on : Population growth and its impact on quality of life in Gujarat, organized by State Education Team (IPP-7), Vaccine Institute, Old Padra Road, Baroda , 15 June, 1999.   | Gave lecture to the medical officers and taluka development officers of Baroda district.        |
|    |                | (ii) Meeting of Academic Council of International Institute for Population Sciences, Mumbai, 3 May, 1999.  | Member of the academic council of IIPS.   |
|    |                | (iii) National workshop on MICS II, organized by UNICEF, N.Delhi, 12-13 August 1999.   | Carried the session on Methodology and Tools Development for multi indicator cluster survey-II. |
|    |                | (iv) Key note address delivered at the request of Indian Institute of Public Administration in a seminar organized by IIPA and Department of Social Work, Sardar Patel University, V.V.Nagar held on October 11, 1999 at Vidyanagar. | India's population policy challenges ahead and strategies therefore.                            |
|    |                | (v) Steering committee for NFHS-2 under the chairmanship of Secretary, Family Welfare, Govt. of India, held at Delhi, 15 <sup>th</sup> October, 1999.  | Member of Steering Committee of NFHS formulated by Govt. of India.                              |

**Department of Zoology**

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|----|-------------------|--|---------------------------------|
| 1. | Bonny, Pilo       | 15 <sup>th</sup> Science Congress, Faculty of Science, M.S. University of Baroda, 12 <sup>th</sup> and 13 <sup>th</sup> Feb. 2000. | Chairman, Organizing Committee. |
| 2. | Asnani, M.V.      | Do   | Member, Technical Committee     |
| 3. | Radhakrishnan, N. | Do   | Member, Exhibition Committee    |
| 4. | Dolly Kumar       | Do   | Member, Reception Committee     |
| 5. | Geeta, Padate     | Do   | Member, Technical Committee     |
| 6. | Patel, P.V.       | Do   | Member, Programme Committee     |

## 7. Faculty of Science

### VI STATE / NATIONAL / INTERNATIONAL AWARDS AND DISTINCTION OF ACADEMIC NATURE

Sr. No. Recipient	Description of Award	Contribution Made by Recipient
<b>Department of Chemistry</b>		
1. Bhattacharya, P.K.	Prof. P. Ray memorial award of Indian Chemical Society 1999.	Research Work in Inorganic Chemistry.
<b>Department of Geography</b>		
1. Dash, N.R.	UGC Associateship at the Inter – Univesity Centre for Social Sciences & Humanities, Indian Institute of Advanced Study, Shimla.	Availed of the 2 <sup>nd</sup> spell of Associateship during November 1999 for library consultation.
<b>Department of Geology</b>		
1. Bhatt, N.B.	Hariom Ashram Prerit Bhaikaka Trust award for best research paper published in Geology during the calender year 1999-2000.	Research paper published Title : Bioclastic shore Deposits : Indicators of Late Quaternary high Sea in Saurashtra, Western India.
<b>Department of Mathematics</b>		
1. Thomas, V.O.	Associate in Inter University centre for Astronomy and Astrophysics for the period July 1 1999 to June 30, 2002.	
	Members of the board of Co-operators to the Editor, Journal of Indian Math. Soc 1 <sup>st</sup> January, 1998 onwards.	Extending cooperation and assistance to the Editor, J. Indian Math. Soc. to edit the Journal of Indian Mathematical Society.
<b>Department of Microbiology and Biotechnology</b>		
1. Vaidya, R.	Best paper presentation award Dec. 21-23, 1999 at National symposium on mycology at 2000 and beyond, VVNagar, Anand, Dec. 21-23, 1999.	Presented paper 'Salt Stress mediated regulation of P ATPase and chitinase from <i>Aspergillus repens</i> ATCC 90531.
2. Bagchi, T.	Best poster award by the Society for Biological Chemists (India) Dec. 22-29, 1999.	Presented a poster entitled "Identification and partial purification of Cry IAC binding proteins from <i>Helicoverpa armigera</i> larval midgut.
<b>Department of Physics</b>		
1. Sharma, A.C.	Visiting Fellowship of Indian National Science Academy, New Delhi for two months April, 1999 to March 2000.	Worked at University of Roorkee under Visiting Fellowship and produced a research paper.

**7. Faculty of Science**

**Department of Statistics**

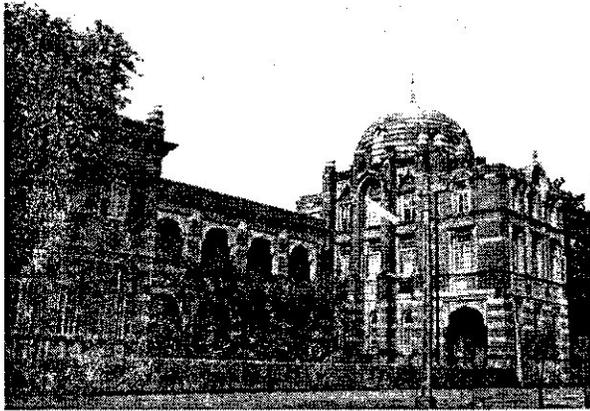
- |    |                |  |   |
|----|----------------|--|---|
| 1. | Sreehari, M.   | (1) Nominated as Co-Editor of Sankhya by the Council of Indian Statistical Institute, Calcutta 1999-2000.  | Editor  |
|    |                | (2) Nominated as member of the technical advisory committee, Indian Statistical Institute 1998-2000.   | Advisor   |
| 2. | Das, N.P.      | Visiting fellow at the East-West Centres' research programme on population and health studies Sept. 1-Nov. 30, 1999.   | Collaborative research on " Factors affecting utilization of health and family planning services in UP, MP, Bihar and Rajasthan |
| 3. | Gandotra, M.M. | Appointed as a technical member of the Indian Delegation of ICPD plan of ACTION, held at New York, U.S.A., 30 <sup>th</sup> June-2 <sup>nd</sup> July, 1999. | _____   |



# 51st annual report

THE M. S. UNIVERSITY OF BARODA

Faculty of Education and Psychology



Faculty of Education and Psychology



National Seminar on  
"Management of Primary Education-A Challenge"



Inauguration of Seminar  
"Management of Primary Education-A Challenge"



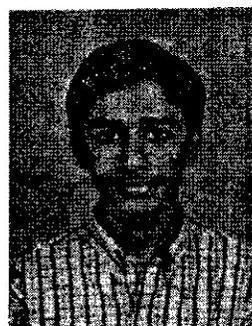
Cultural Activities by Students of  
Faculty of Education and Psychology



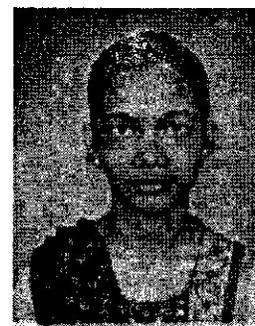
Deepsha N. Shah  
2nd in Board(S.S.C.)  
1st in centre



Radha R. Teredesai  
3rd in Board(S.S.C.)  
2nd in centre



Hermit Upadhyay  
7th in Board(S.S.C.)  
4th in centre



Patel Nirali  
8th in centre(S.S.C.)

Some of the bright stars of University Experimental School

## 8A. Faculty of Education and Psychology

The Faculty of Education and Psychology of the M. S. University of Baroda was, prior to the establishment of the university in 1949, the Secondary Teachers' Training College, which was established during the reign of the visionary Maharaja Sayajirao III of Baroda State in the year 1935. At the time, the college was one of the very few teachers' training colleges in the entire western India. It is situated in the heart of the spacious and picturesque main campus of the university. The building in which the faculty is housed is one of the Architectural treasures of the period.

The Faculty of Education and Psychology has under its wing three departments, viz. the Department of Education, Department of Educational Administration and the Department of Psychology and the University Experimental School.

### Department of Education – CASE

When the M. S. UNIVERSITY OF BARODA was established and the Faculty of Education and Psychology was started in 1949, the existing Secondary Teachers' Training College of Baroda was continued as the Department of Education. The college had a glorious record. It continued to provide leadership to the entire field of Teacher Education in the country. In recognition of its excellent contributions in the area of teaching, research and extension, the University Grants Commission raised it to the status of the Centre of Advanced Study in the discipline of Education in 1963-64. It provides the following teaching programme:

- Bachelor of Education (B. Ed.)
- Master of Education (M. Ed.)
- M. Phil. Education (M. Phil.)
- Ph.D. in Education (Ph. D.)

The Centre houses a library with a fine collection of books and journals on Education, which is used not only by postgraduate students and research scholars from within the university and the state, but it also attracts scholars from all over the country and from abroad.

### Department of Educational Administration

Department of Educational Administration was established in 1951 it was the only one of its kind in the country until recently. In 1994 the University Grants Commission gave it financial assistance for conducting training programmes for Educational Administrators under the Department of Research Support (DRS). It conducts a Professional Diploma course in Educational Management (PDEM) and collaborates with its sister department, the Centre of Advanced Study in Education, in conducting B. Ed., M. Ed., M. Phil. and Ph. D. Courses.

### Department of Psychology

The Department of Psychology is the third department under the Faculty of Education and Psychology. Recognising the crucial importance of psychology in education and teacher preparation, the visionary founders of the faculty had the Department of Psychology attached to it. The Department offers courses at the graduate, post-graduate and doctoral levels. Besides, it also offers two post-graduate part-time diploma courses, viz. Human Resources Development (HRD) and the Community Clinical Psychology (CCP).

### I PUBLISHED BOOKS AND MONOGRAPHS

Sr. No.	Name(s) of Author(s)	Title of Book / Monograph / Edited Volume	Details of Publication
<b>Department of Education</b>			
1	Biswal, A.	(i) Technotronic Education and the Problem of Morrow Being (ii) New Communication Information Technology A Course Taught by Tele-conference	Educational Media in India, Bhatia Kala Prakashan, Delhi, Jan., 2000. Educational Media in India, Bhatia Kala Prakashan, Delhi, Jan., 2000.
2	Biswal, A. Das, J.	(i) Feasibility of Two Year B. Ed. Programme: Some Issues and Problem (ii) Evaluating Values: An Ignored Side of School Education System	Strengthening School Education (School Education and Teacher Education), CASE, M.S. University of Baroda, Jan., 2000. Strengthening School Education (School Education and Teacher Education), CASE, M.S. University of Baroda, Jan., 2000.

**8A. Faculty of Education and Psychology**

		(iii) Value Orientation in Teacher Education	Teacher Education: Vision and Action, CASE, M.S. University of Baroda, Jan., 2000.
3.	Goel,D.R.	Educational Media in India	Bhatia Kala Prakashan, New Delhi, Jan., 2000, 280.
4.	Goel,D.R. Goel,C.	Two Year B.Ed.: Need and Feasibility	Strengthening School Education (School Education and Teacher Education), CASE, M.S. University of Baroda, Jan., 2000.
5.	Goel,D.R. Goel,C. Sarangi,D.	(i) Teacher Education Added Dimension	Teacher Education: Vision and Action, CASE, M.S. University of Baroda, Jan., 2000.
		(ii) Interactive Television for In-service Teachers	Strengthening School Education (School Education and Teacher Education), CASE, M.S. University of Baroda, Jan., 2000.
6.	Goel,D.R. Tomar,A. Kirwadkar,A. Das,A.	Training Teachers in Implementing CAI : An Experience	Strengthening School Education (School Education and Teacher Education), CASE, M.S. University of Baroda, Jan., 2000.
7.	Joseph,K.S.	(i) Developing the Skill of Speaking English	Strengthening School Education (School Education and Teacher Education), CASE, M.S. University of Baroda, Jan., 2000.
		(ii) Dealing with Errors in English	Strengthening School Education (School Education and Teacher Education), CASE, M.S. University of Baroda, Jan., 2000.
		(iii) Some Pre-requisites for the Making of an Effective Teacher.	Strengthening School Education (School Education and Teacher Education), CASE, M.S. University of Baroda, Jan., 2000.
		(iv) Teacher in a Multicultural Society	Strengthening School Education (School Education and Teacher Education), CASE, M.S. University of Baroda, Jan., 2000.
8.	Joshi,P. Goel,D.R.	Manual for Internet Awareness	CASE, Faculty of Education & Psychology, M.S. University of Baroda, Dec., 1999.
9.	Kothari,R.G. Mehta,A.L.	Gunit Darshan (Special Volume in the memory of late Prof. M.B. Buch on Research in Mathematics Education)	Samasti Trust, Baroda, Feb.-Mar., 2000, 20.
10.	Kothari,R.G. Charya,V.R. Rao,Y.D.	Remedial Education at Senior Secondary School Level with Reference to SC/ST Students	Strengthening School Education (School Education and Teacher Education), CASE, M.S. University of Baroda, Jan., 2000.
11.	Kothari,R.G. Rao,Y.D.	University of Teacher Education	Teacher Education: Vision and Action, CASE, M.S. University of Baroda, Jan.2000.
12.	Kothari,R.G.	Minimum Levels of Learning (MLLs) Based Approach for Teaching of Mathematics	Strengthening School Education (School Education and Teacher Education), CASE, M.S. University of Baroda, Jan 2000.
13.	Kothari,R.G. Patel.R.C.	Attitude Measurement	Research Methodology, CASE, M.S. University of Baroda, Feb.2000.
14.	Mani,R.S.	(i) Shifting Paradigms in Modern Teacher Education	Teacher Education: Vision and Action, CASE, M.S. University of Baroda, Jan.,2000.
		(ii) Instructional Strategies for Different Subjects	Strengthening School Education (School Education and Teacher Education), CASE, M.S. University of Baroda, Jan., 2000.

**8A. Faculty of Education and Psychology**

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|----|---|--|---|
|    |   | (iii) In-service Teacher Education: Alternative Modes  | Teacher Education: Vision and Action, CASE, M.S. University of Baroda, Jan., 2000.  |
| 15 | Oza, D.<br>Patankar, S.D.                               | (i) Learning Strategies : Input in Teacher Education Programme<br>(ii) A model of Evaluation Programme for Strengthening Primary Education | Teacher Education: Vision and Action, CASE, M.S. University of Baroda, Jan., 2000.<br>Strengthening School Education (School Education and Teacher Education), CASE, M.S. University of Baroda, Jan., 2000. |
| 16 | Panigrahi, S.C.   | (i) Enculturating Teacher Education Programme- an Anthropological Perspective<br>(ii) Conception of Reality                                | Teacher Education: Vision and Action, CASE, M.S. University of Baroda, Jan., 2000.<br>Research Methodology, CASE, M. S. University of Baroda, Feb., 2000.   |
| 17 | Patel, M.M.<br>Pathak, U.B.<br>Dave, Y.<br>Kothari R.G. | Expanding Horizons of Education  | B. S. Shah Prakashan, Ahmedabad, March, 2000, 222.  |
| 18 | Rao, Y.D.<br>Acharya, V.R.                              | Culturally Relevant Teacher Education  | Teacher Education : Vision & Action, CASE, M.S. University of Baroda, Jan., 2000.   |
| 19 | Rao, Y.D.   | Education of Teacher Education and Teachers: Reforms Aspects   | Strengthening School Education (School Education and Teacher Education), CASE, M.S. University of Baroda, Jan., 2000.   |
| 20 | V.D, Thomas.  | Instruction for Developing Thinking: An Imperative for Education Today   | Strengthening School. Education (School Education and Teacher Education), CASE, M.S. University of Baroda, Jan., 2000.  |

**Department of Psychology**

- |   |                             |  |   |
|---|-----------------------------|--|---|
| 1 | Daftuar, C. N.              | Behavioural Quotient (Demystifying Organizational Behaviour – A Guide to Understand Self and Others) | Council of Behavioural Research, Jan., 2000. 150-11.  |
| 2 | Daftuar, C. N.<br>Nigam, S. | Life Event Scale : A Revised Scoring System  | Studies in Management, Pestonjee. D.M., Pareek, U. and Agarwal, Rita (Eds), New Delhi, Oxford and IBH Publishing Co. Pvt. Ltd., Oct., 1999. |

**Department of Educational Administration**

- |   |  |   |  |
|---|--|---|--|
| 1 | Joshi, S. M.<br>Pradhan, N.<br>Sahastrabudhe, M.<br>Pushpanadham, K. | (i) A Study of Women Administrators in Schools and Colleges of Baroda City<br>(ii) Industry University Interface<br>(iii) Women Access to Leadership Position<br>(iv) Training of Class IV Employees of M. S. University of Baroda.<br>(v) A Programme of Educational Awareness in Massar Village<br>(vi) Development of Educational Awareness Programme of Parents of Out-of-School Children | Department of Educational Administration, 1999.<br>Department of Educational Administration, 1999. |
| 2 | Joshi, S. M.<br>Sahastrabudhe, M.                                    | Professional Preparation of Teachers : A Fresh Look   | Teacher Education: Vision and Action, CASE, M. S. University of Baroda, Jan., 2000.  |

## 8A. Faculty of Education and Psychology

- |   |   |   |   |
|---|---|---|---|
| 3 | Pradhan, N.                                   | An Approach for TQM in Teacher Education  | Teacher Education: Vision and Action, CASE, M. S. University of Baroda, Jan., 2000.                                   |
| 4 | Sahastrabudhe,<br>M. Tomar,A.<br>Kirwadkar,A. | In-service Teacher Education for Secondary School Teachers through Virtual Mode | Strengthening School Education (School Education and Teacher Education), CASE, M.S. University of Baroda, Jan., 2000. |

### Centre of Advanced Study in Education

- |   |  |   |   |
|---|--|---|---|
| 1 | Shelat, N. A.<br>Kothari, R. G.<br>Shah, M. M. | Considering some Issues in Teacher Education                                | Teacher Education: Vision and Action, CASE, M.S. University of Baroda, Jan., 2000.                                    |
| 2 | Ramchandra<br>Rao B. S.                        | Student Perception about Good Teaching : Implications for Teacher Education | Strengthening School Education (School Education and Teacher Education), CASE, M.S. University of Baroda, Jan., 2000. |

## II PUBLISHED ARTICLES/PAPERS

Sr. No.	Author(s)	Title	Journal and date of Publication
<b>Department of Education</b>			
1.	Goel,D.R. Sarangi,D.	Assessing Television Teaching and Learning : An Alternative Approach	University News, AIU, New Delhi, Vol. 37, No. 32, Aug.9, 1999.
2.	Goel,D.R. Goel.C. Jasrai,S.	Strategy for Bridging Home Language and School Language	Perspective in Education, Vol. 16, Special Issue, pp.128-136, Feb., 2000.
3.	Joseph.K.S.	(i) Building up Proper Climate for Learning English (ii) Helping Students Remember What they Read	Perspective in Education, Vol.15, No.4, pp. 207-219, Oct., 1999. New Frontiers in Education, Vol.XXX, No.1, pp.56-57, Jan.-Mar., 2000.
4.	Kothari,R.G. Acharya,V.D. Rao,Y.D.	(i) School Based Decision Making (ii) School Adharit Nirnay Lene Ki Prakriya	Deep Calling, Vol. III, No.5, April, 1999. Chunoti-Jilla Prathamik Shiksha Karyakam, Vol.III, April, 1999.
5.	Kumar,S.	Pupils Performance Evaluation at Primary Education : An Innovative Approach	Quest in Education, Vol.XXIII, No.3, July, 1999.
6.	Kumar,S. Patel, R.C. Mehta, A.	(i) Community Participation in Primary Education and School Effectiveness (ii) Environmental Degradation and its Control through Environmental Education	International Perspective, NCERT, New Delhi, July, 1999. The Progress of Education, Vol.LXXIV, No.6, Jan., 2000.
7.	Mani,R.S.	(i) Quality in Teacher Education (ii) Teacher Education : Challenges and Issues for Twenty First Century (iii) Seminar at Postgraduate Level in Education: An Analysis	New Frontiers in Education, Vol. XXIX, No.4, pp.404-409, Oct.-Dec., 1999. Journal of Maharaja Sayajirao University of Baroda, Vol.46 (XLVI) No.2, pp.39-48, 1999. Recent Research in Education & Psychology, Vol.5, No. I-II, pp.37-42, Jan., 2000.
8.	Oza,D. Shethy, A.	(i) Innovations Practices in Continuous Comprehensive Evaluation-I (ii) Innovations Practices in Continuous Comprehensive Evaluation-II	University News, AIU, New Delhi, Vol.38, No.2, Jan.10, 2000. University News, AIU, New Delhi, Vol.38, No.3, Jan.17, 2000.

**8A. Faculty of Education and Psychology**

**Department of Psychology**

- |   |                         |   |  |
|---|-------------------------|---|--|
| 1 | Daftuar,C.N.            | Psychology in Third Millennia                           | Journal of the India Academy of Applied Psychology, Vol.25, No.1-2, pp.4-10, Dec., 1999. |
| 2 | Daftuar,C.N.<br>Nair,P. | Impact of Organisational Culture on Occupational Stress | Indian Journal of Industrial Relations, Vol. 35, No. 3, Nov., 1999.                      |
| 3 | Daftuar,C.N.<br>Meena   | Management Decision Making : A Bibliography             | Indian Journal of Training and Development, Vol. XXIX, Jan., 2000.                       |

**Department of Educational Administration**

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| 1 | Joshi,S.M.<br>Pushpanadham,K. | Vision of Learning at Higher Education     | University News, AIU, New Delhi, Vol.38, No. 21, Mar.20, 2000.     |
| 2 | Khirwardkar,A<br>Milind,S.    | Child Labour – A Hurdle for Full Literacy  | Quest in Education, Vol. XXIII, No.3, pp.22-28, July, 1999.        |
| 3 | Srivastava,S.<br>Milind,S.    | Common School System: An Unfulfilled Dream | New Frontiers in Education, Vol.XXI, No.3, pp.284-291, July, 1999. |

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

Sr. No.	Author(s)	Theme, organising Body, Place, and Date of Seminar/Conference	Title of the Paper	Published/ Unpublished
<b>Department of Education</b>				
1.	Biswal,A. Das,J.	Strengthening Teacher Education, CASE, M.S. University of Baroda, Baroda, 27-28 Dec., 1999.	Feasibility of Two Year B. Ed. Programme & Some Issues and Problems	Published
2.	Biswal,A. Pradhan,N. Patel,R.C.	Management of Primary Education : A Challenge, National Seminar, DRS-UGC, Dept. Of Educational Administration, M.S. University of Baroda, Baroda, 4-5 Oct., 1999.	Theme Paper on Management of Primary Education	Unpublished
3.	Biswal,A. Sarangi,D.	Management of Primary Education : A Challenge, National Seminar, DRS-UGC, Dept. Of Educational Administration, M.S. University of Baroda, Baroda, 4-5 Oct., 1999.	Community Participation in the Management of Primary Schools: Present Position and Teacher Perception	Unpublished
4.	Biswal, A. Das, J.	Challenges in School Education in 2000+, National Seminar, CASE, Dept of Education, M.S. University of Baroda, Baroda, 6-7 March, 2000.	Cartoons and Comics: A Potential Medium to Facilitate Instructional Process at Primary Level	Unpublished
5.	Deota, N.P.	(i) Challenges in School Education in 2000+, National Seminar, CASE, Dept of Education, M.S. University of Baroda, Baroda, 6-7 March, 2000.  (ii) Management of Primary Education : A Challenge, National Seminar, DRS-UGC, Dept. Of Educational Administration, M.S. University of Baroda, Baroda, 4-5 Oct., 1999.	Quality Improvements-Rationale & Measures in Secondary Education  Vitalising the Primary Education- A Basic Need	Unpublished  Published
		(iii) Strengthening Teacher Education, CASE, M.S. University of Baroda, Baroda, 27-28 Dec., 1999.	Generation of Vital Attitude Among Teachers	Published

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6.	Goel, D.R.	(i) Evolving Process Guidelines for Teacher Education, IGNOU – UNESCO chair, EMPC, New Delhi, Apr. 10-11, 1999.	Evolving Process Norms for Teacher Education	Unpublished
		(ii) Formative Research for Video Production, IGNOU – UNESCO chair, EMPC, New Delhi, Sept. 26-28, 1999.	Educational Video Production : Some Observation	Unpublished
7.	Goel, D.R. Goel. C. Jasrai, S.	Management of Primary Education : A Challenge, Department of Educational Administration, FEP, MSU, Baroda, Oct. 4-5, 1999.	Primary Education Lost in Management	Unpublished
8.	Goel, D. R. Sarangi, D.	Management of Primary Education : A Challenge, Department of Educational Administration, FEP, MSU, Baroda, Oct. 4-5, 1999.	Teacher Education : Cultural Context and Social Commitment	Unpublished
9.	Goel, C. Goel, D. R.	Management of Primary Education : A Challenge, Department of Educational Administration, FEP, MSU, Baroda, Oct. 4-5, 1999.	School Broadcast Utilisation : Vision and Realisation	Unpublished
10.	Goel, D. R. Das, A. Joshi, P.	Challenges in School Education in 2000+, CASE, M. S. University of Baroda, Baroda, Mar. 6-7, 2000.	Integrating Information Technology in School Curricula.	Unpublished
11.	Joseph.K.S.	(i) Strengthening Teacher Education, CASE, M.S. University of Baroda, Baroda, 27-28 Dec., 1999.	Some Prerequisites for the Making of an Effective Teacher	Published
		(ii) Challenges in School Education in 2000+, CASE, M. S. University of Baroda, Baroda, Mar. 6-7, 2000.	Achieving Quality Instructions	Unpublished
12.	Kothari, R.G. Acharya, V.R.	(i) Management of Primary Education : A Challenge, Department of Educational Administration, FEP, MSU, Baroda, Oct. 4-5, 1999.	Management of Primary Education with reference to Financing	Unpublished
		(ii) International Conference on Educational Management, Technology and Values, Rajasthan Council Educational Administration and Management, Udaipur, Dec., 10-12 1999.	Management of Primary Education through Tarang	Unpublished
		(iii) Strengthening Teacher Education, CASE, M.S. University of Baroda, Baroda, Dec., 27-28 1999.	The Concept of Teacher Performance	Unpublished
		(iv) National Seminar on Education and Development in the Frame Work of Gandhian Thought, IASE, Gujarat Vidyapith, NCERT, New Delhi, 21-23, Jan., 2000.	Rethinking of New Gandhian Thoughts	Unpublished
13.	Kumar, S. Patel, R.C. Mehta, A.	(i) Strengthening Teacher Education, CASE, M.S. University of Baroda, Baroda, Dec., 27-28 1999.	Experiments with Continuous Evaluation and Open Book Examination	Unpublished

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		(ii) Challenges in School Education in 2000+, CASE, M. S. University of Baroda, Baroda, Mar. 6-7, 2000.	An Investigation into School Effectiveness at Primary Stage	Unpublished
14.	Mani,R.S.	Challenges in School Education in 2000+, CASE, M. S. University of Baroda, Baroda, Mar. 6-7, 2000.	Professionalisation of Teaching and Teacher Preparation	Unpublished
15.	Oza,D.	(i) Management of Primary Education : A Challenge, Department of Educational Administration, FEP, MSU, Baroda, Oct. 4-5, 1999.	Management of Guidance Service In Primary Education	Unpublished
		(ii) Challenges in School Education in 2000+, CASE, M. S. University of Baroda, Baroda, Mar. 6-7, 2000	Adolescent Learner, 2000+	Unpublished
16.	Panigrahi, S.C.	(i) Management of Primary Education : A Challenge, Department of Educational Administration, FEP, MSU, Baroda, Oct. 4-5, 1999.	Contribution of Qualitative Research to Policy Planning in Primary Education	Unpublished
		(ii) Strengthening Teacher Education, CASE, M.S. University of Baroda, Baroda, 27-28 Dec., 1999.	Classroom Control and In-service Training : The Contribution of Ethnography	Unpublished
		(iii) Challenges in School Education in 2000+, CASE, M. S. University of Baroda, Baroda, Mar. 6-7, 2000.	Determinates of Quality in Primary Education : Indian Perspective	Unpublished
17.	Rao,Y.D.	(i) Management of Primary Education : A Challenge, Department of Educational Administration, FEP, MSU, Baroda, Oct. 4-5, 1999.	Management of Primary Education : International Perspective	Unpublished
		(ii) Challenges in School Education in 2000+, CASE, M. S. University of Baroda, Baroda, Mar. 6-7, 2000.	Education of Teacher Educators and Teachers: Certain Reform Aspects	Published
		(iii) Challenges in School Education in 2000+, CASE, M. S. University of Baroda, Baroda, Mar. 6-7, 2000.	Strengthening Physics Education with Applicable Mathematics through Integrated Approach	Unpublished
18.	Sarangi,D. Goel,D.R.	Management of Primary Education : A Challenge, Department of Educational Administration, FEP, MSU, Baroda, Oct. 4-5, 1999.	School Broadcast Utilisation : Vision and Realisation	Unpublished
19.	V.D.Thomas	Challenges in School Education in 2000+, CASE, M. S. University of Baroda, Baroda, Mar. 6-7, 2000.	Need for Reorganization of School Education	Unpublished
<b>Department of Psychology</b>				
1	Bhatt,I.D.	Gujarat Psychology Association (GPA) State Level Conference of GPA, Ambiji (Guj.), Dec., 25-26, 1999.	The Study of Leadership Styles Personality Types and Job Satisfaction	Unpublished
2	Verma,A.	(i) Gujarat Psychological Association, May 27-28, 1999.	Counselling in Family and Organization	Unpublished
		(ii) Social Sciences Congress, Pune Jan. 3-7, 2000.	A Psychological Study of Level of Adjustment in Relation to Achievement	Unpublished

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3	Verma, A. Rai, A.	Social Sciences Congress, Pune, Jan. 3-7, 2000.	Study of Extroversion and Neuroticism among Alcoholics and Non-Alcoholics	Published
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**Department of Educational Administration**

1	Joshi, S.M.	(i) Cost and Wastage in Primary Education, DPEP, MHRD, New Delhi, Bagalore, Aug., 11-13, 1999. (ii) UNESCO-ACIED Conference of Education, Bangkok, Dec., 13-17, 1999. (iii) Women's Status : Vision and reality, McMaster University, Canada, New Delhi, 27 <sup>th</sup> Feb.-3 <sup>rd</sup> Mar., 2000.	Wastage in Primary Education New Vision for Learning at Higher Education Women's Leadership in Educational Management	Unpublished Published Unpublished
2	Milind, S. Srivastava, S.	(i) Management of Primary Education: A Challenge, Department of Educational Administration, FEP, MSU, Baroda, Oct. 4-5, 1999. (ii) Challenges in School Education in 2000+, CASE, M. S. University of Baroda, Baroda, Mar. 6-7, 2000.	Researchers on Management of Primary Education in India Primary education in Gujarat- Management Tasks Ahead	Unpublished Unpublished
3	Pradhan, N.	Challenges in School Education in 2000+, CASE, M. S. University of Baroda, Baroda, Mar. 6-7, 2000.	Views of Student-Teachers on Some Aspect of Teacher Education	Unpublished
4	Pradhan, N. K. Puspanadham	Challenges in School Education in 2000+, CASE, M. S. University of Baroda, Baroda, Mar. 6-7, 2000.	Professional Development of Schools Teachers	Unpublished

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1	Shelat, N.A.	(i) Management of Primary Education : A Challenge, Department of Educational Administration, FEP, MSU, Baroda, Oct. 4-5, 1999. (ii) Strengthening Teacher Education, CASE, M.S. University of Baroda, Baroda, Dec., 27-28 1999. (iii) Challenges in School Education in 2000+, CASE, M. S. University of Baroda, Baroda, Mar. 6-7, 2000.	Historical Perspective of primary Education : Analogical Approach Innovation Programme and Practices in Teacher Education Quality of Secondary Education Priorities and Practices	Unpublished Published Unpublished
2	Samuel N. M.	Challenges in School Education in 2000+, CASE, M. S. University of Baroda, Baroda, Mar. 6-7, 2000.	Functional Interpersonal Styles : Requisites for the 21 <sup>st</sup> century School Teachers	Unpublished
3	Ramchandra Rao, B. S.	Challenges in School Education in 2000+, CASE, M. S. University of Baroda, Baroda, Mar. 6-7, 2000.	Dealing with Students' Feelings : An Experience in a Navodaya Vidyalaya	Unpublished

**IV TALKS OF ACADEMIC NATURE IN PROFESSIONAL PROGRAMMES**

Sr. No.	Name (s)	Nature of Professional Programmes	Title	Capacity of Participation
<b>Department of Education</b>				
1.	Deota, N.P.	(i) Mrathi Programme, Ahemadbad-Baroda, May, 23, 1999.	Importance of Sanskrit Subhasitas in the process of Value Implication	Speaker

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		(ii) Balvantrai Aarogya Dhama, Senior Citizen Council , Baroda, Aug., 13, 1999.	Concept of the Self	Speaker
2.	Goel,D.R.	(i) In-service Course on Methodology of Teaching and Evaluation for the Newly Appointed Lectures in The M.S. University of Baroda, Baroda, CASE, Sep., 1999.	Educational Technology and Higher Education	Resource Person
		(ii) Extra-Mural Talk, Dept. of Food and Nutrition, Feb.18, 2000.	University Teaching	Resource Person
3.	Goel, D.R. V.D. Thomas	In-service Course on Methodology of Teaching and Evaluation for the Newly Appointed Lectures in The M.S. University of Baroda, Baroda, CASE, Sep., 1999.	Teaching at University Level	Resource Person
4.	Joseph.K.S.	(i) In-service Course on Methodology of Teaching and Evaluation for the Newly Appointed Lectures in The M.S. University of Baroda, Baroda, CASE, Sep., 1999	(i) Methods of Presentation in Large Group : Demonstration and Discussion, 22, Sep., 1999.	Resource Person
		(ii) In-service Course on Methodology of Teaching and Evaluation for the Newly Appointed Lectures in The M.S. University of Baroda, Baroda, CASE, Sep., 1999.	(ii) Language of Effective Classroom Communication, Spt., 29, 1999.	Resource Person
5	Kothari,R.G.	(i) UGC Sponsored Orientation Programme for University /College Teachers, ASC, Rajkot, 28th, April, 25 <sup>th</sup> , May, 22 <sup>nd</sup> Jun., 1999.	Curriculum Development Process in Higher Education	Resource Person
		(ii) Contact Programme for M.Ed. (Distance Education)	Sampling Process in Educational Research	Invited Talk
		(iii) College of Education, Kharod (South Gujarat University)	Qualities of a Teacher	Invited Talk
		(iv) In-service Course on Methodology of Teaching and Evaluation for the Newly Appointed Lectures in The M.S. University of Baroda, Baroda, CASE, Sep., 1999	Question Bank	Resource Person
		(v) In-service Course on Methodology of Teaching and Evaluation for the Newly Appointed Lectures in The M.S. University of Baroda, Baroda, CASE, Sep., 1999	Preparing Research Proposal	Resource Person
		(vi) Training Methodology course for instructors of I.T.T (Baroda) 1st Nov.1999	Concept and Case of Educational Technology	Invited Talk
6	Kothari,R.G. Kumar,S. Rao,Y.D.	In-service Course on Methodology of Teaching and Evaluation for the Newly Appointed Lectures in The M.S. University of Baroda, Baroda, CASE, Sep., 1999	Workshop in Educational Evaluation in Higher Education.	Resource Person

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7	Mani,R.S. Goel,D.R. Pradhan,N.	In-service Course on Methodology of Teaching and Evaluation for the Newly Appointed Lectures in The M.S. University of Baroda., Baroda, CASE, Sep., 1999.	Educational Technology: An Introduction and Educational Technology and Computer in Higher Education	Resource Persons.
8	Oza,D.	(i) Workshop , Secondary and Higher Secondary School teachers of Vidya Vihar School, Baroda, April 15-16 1999. (ii) National Bridge Course on Mental Retardation (RCI) at KGP Children Hospital, Baroda, 19 <sup>th</sup> April to 15 <sup>th</sup> May 1999.	Adolescent Education Orientation Programmes. National Bridged Course on Mental Retardation	Resource Person. Participant (Equivalent to one Refresher Course.)
9	Panigrahi, S.C.	(i) In-service Course on Methodology of Teaching and Evaluation for the Newly Appointed Lectures in The M.S. University of Baroda, Baroda, CASE, Sep., 20-30 1999 (ii) In-service Course on Methodology of Teaching and Evaluation for the Newly Appointed Lectures in The M.S. University of Baroda, Baroda, CASE, Sep., 20-30 1999	Sociological Content of University Education : Reality and Issues Student Services and Campus Issues	Resource Person Resource Person
10	Patel, R. C.	School Induction Programme for Primary School Students at Masar Village, Dist. Baroda, July 22 1999.	Talk Relevant to the Programme	Guest of Honour
11	V. D. Thomas	(i) In-service Course on Methodology of Teaching and Evaluation for the Newly Appointed Lectures in The M.S. University of Baroda, Baroda, CASE, Sep., 1999 (ii) Baroda Management Association, Friday Talk, May, 5 1999. (iii) Sarabhai Management Training Centre, Sept. 16 1999.	Effective Communications Self Esteem And Personal Functioning Emotional Intelligence and Manager	Resource Person Invited Talks Invited Talks

**Department of Psychology**

1.	Mario,X.	(i) Orientation of Newly Appointed Teachers, Oct., 20-30, 1999. (ii) Making of Primary Education-A Challenge, Oct., 4-5, 1999.	Group Dynamic in Classrooms	Resource Person Participant
2.	Verma,A.	(i) Workshop on Curriculum Development Women's Studies, WSRC, MSU, Baroda, July 12-13, , 1999. (ii) Workshop on Internet- Usage H.M. Library, MSU, Baroda, Mar., 8-10, 2000. (iii) Challenges in School Education in 2000+, CASE, M.S. University of Baroda, Baroda, Mar. 6-7, 2000.	Curriculum Development Women's Studies Training Workshop on Internet Usages Social Science Integration of Information Technology in School Curriculum	Participant Participant Participant

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- (iv) Management of Primary Education: Management of Primary Participant  
A Challenge, Department of Educational Administration, FEP, Education : A Challenge  
MSU, Baroda, Oct. 4-5, 1999.

**Department of Educational Administration**

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|---|------------|--|----------------------------|-----------------|
| 1 | Joshi,S.M. | (i) In-service Course on Methodology of Teaching and Evaluation for the Newly appointed Lectures in The M.S. University of Baroda, Baroda, CASE, Sep., 20-30 1999. | University Management      | Resource Person |
|   |            | (ii) Academic Staff College, H.P. University, Shimla, Apr., 8-9, 1999.   | Professionalism of Teacher | Resource person |

**Centre of Advanced Study in Education**

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| 1 | Shelat,N.A. | In-service Course on Methodology of Teaching and Evaluation for the Newly Appointed Lectures in The M.S. University of Baroda, Baroda, CASE, Sep., 20-30 1999. | Method of Teaching Large Group Orientation (Video Based Lesson) | Resource Person |
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**V CONTRIBUTION TO CONDUCT PROFESSIONAL PROGRAMMES**

Sr. No.	Name(s)	Programmes(s), Place and Date	Capacity of Participant
<b>Department of Education</b>			
1.	Biswal,A.	National Seminar on Management of Primary Education in India : A Challenge, Dept. of Research Support (UGC), Dept. of Educational Administration, Faculty of Educational Psychology, M.S. University of Baroda, Baroda, Oct., 4-5, 1999.	Convenor
2.	Goel,D.R.	(i) National Seminar on Strengthening Teacher Education, CASE, Faculty of Educational Psychology, M.S. University of Baroda, Baroda, Dec., 27-28, 1999. (ii) National Seminar on Challenges in School Education in 2000+, CASE, Faculty of Educational Psychology, M.S. University of Baroda, Baroda, Mar., 6-7, 2000.	Director Director
3.	Joseph.K.S.	Workshop on English Grammar Teaching, Maharani English Medium High School, Dandia Bazar, Baroda, Sept., 29, 1999.	Director
4.	Kothari,R.G.	(i) National Seminar on Strengthening Teacher Education, CASE, Faculty of Educational Psychology, M.S. University of Baroda, Baroda, Dec., 27-28, 1999. (ii) National Seminar on Challenges in School Education in 2000+, CASE, Faculty of Educational Psychology, M.S. University of Baroda, Baroda, Mar., 6-7, 2000.	Member Organizing Committee Member of Organising Committee
5.	Mani,R.S.	(i) Orientation for Newly appointed Lecturers of M.S. University of Baroda, CASE, Faculty of Educational Psychology, M.S. University of Baroda, Baroda, Sept., 20-30-, 1999. (ii) National Seminar on Challenges in School Education in 2000+, CASE, Faculty of Educational Psychology, M.S. University of Baroda, Baroda, Mar., 6-7, 2000.	Member of Organising Committee Member of Organising Committee

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		(iii) National Seminar on Strengthening Teacher Education, CASE, Faculty of Educational Psychology, M.S. University of Baroda, Baroda, Dec., 27-28, 1999.	Member of Organising Committee
6.	Oza,D.	(i) Akshar School (Hearing Impaired) Baroda, 7 Lectures- Psychology for Teachers, Developing Case Study, Counselling Parents of Hearing Impaired Children etc., 31 <sup>st</sup> , Aug., 8 <sup>th</sup> Sept., 22 <sup>nd</sup> , Sept., 29 <sup>th</sup> , Sept., 23 <sup>rd</sup> , Nov., 29 <sup>th</sup> Dec., 1999, and 5 <sup>th</sup> , Jan., 2000.	Guest Faculty
		(ii) Mira School- Integrated Education and Teachers Role to school Teachers and Parents, Baroda, 11 <sup>th</sup> , Sept., 1999.	Guest Faculty
		(iii) Training to Instructors of Polytechnic of Gujarat : (Refresher Course) , Five Lecturers on a) Principle of learning, b) Senses on the Awareness of Hearing, c) Responsibility of Teachers as a Teacher and Classroom Administration, Industrial Training Centre, Tarsali, 1 <sup>st</sup> & 31 <sup>st</sup> , Jan., 1 <sup>st</sup> , Feb., 27 <sup>th</sup> & 28 <sup>th</sup> , Mar., 2000.	Invited Talk
		(iv) Talk to Primary School Principals at DIET – Teachers of Tomorrow Adolescent Education, Baroda, 6 <sup>th</sup> , Jan., 22 <sup>nd</sup> , Mar., 2000.	Invited Talk
7.	Panigrahi, S.C.	National Seminar on Strengthening Teacher Education, CASE, Faculty of Educational Psychology, M.S. University of Baroda, Baroda, Dec., 27-28, 1999.	Convener
8.	Patel,R.C.	Teacher Training Programme for Environmental Education by WWF, Gujarat State Office at Faculty of Education & Psychology, Feb., 26-27, 2000.	Organising Committee
9.	V.D.Thomas	(i) Orientation for Newly appointed Lecturers of M.S. University of Baroda, CASE, Faculty of Educational Psychology, M.S. University of Baroda, Baroda, Sept., 20-30-, 1999.	Both Convener of the course and Resource Person
		(ii) Workshop of Teachers of St Ursula's School, School Effectiveness, Muri, Bihar, Non., 1-6, 1999.	Resource Person

**Department of Psychology**

1	Bhatt.I.D.	Adolescence Development, UGC Sponsored Refresher Programme for University/ College Teachers, Academics Staff College, Saurashtra University, Rajkot, Dec. 9-10, 1999.	Resource person
2	Mario,X.	Banyan City JC's, Working Together in Groups, Hotel Shivshanti, 20 <sup>th</sup> , Feb., 2000.	Resources person
3	Parimo,B.	Preparation of Manual for Counsellors for Counselling, Faculty of Social Work, Baroda, 22 <sup>nd</sup> , Dec., 1999, 7 <sup>th</sup> , Feb., 15 <sup>th</sup> , Feb., 15 <sup>th</sup> , Mar., 2000.	Advisor

**Department of Educational Administration**

1.	Joshi,S.M.	(i) National Seminar on Management of Primary Education in India : A Challenge, Dept. of Research Support (UGC), Dept. of Educational Administration, Faculty of Educational Psychology, M.S. University of Baroda, Baroda, 4-5, Oct., 1999.	Director and Resource Person
		(ii) UGC Workshop at Pune IIE, Pune, July, 10-15, 1999.	Resource Person
2.	Pradhan,N.	(i) Skills of Teaching at Higher Education Level, Orientation Programme for Newly recruited Teachers, CASE, M.S.U., Sept. 20-30, 1999.	Resource Person
		(ii) Use of Education in Technology in Classroom Instruction, Orientation Programme for Newly recruited Teachers, CASE, M.S.U., Sept. 20-30, 1999.	Resource Person

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**VI PERFORMANCE BY INDIVIDUAL/GROUP**

Sr. No.	Name(s)	Place and Date(s)	Nature of Performance
<b>Department of Education</b>			
1.	Oza,D.	(i) Goraj (Muni Asharam) Waghodia, Nov., 20 <sup>th</sup> , 1999.	Coordinated on Entertainment cum Educational Programme for Mentally Retarded Girls (Staff Performing Academic Teacher etc.)
		(ii) Akshar School (Hearing Impaired) Dandia Bazar, Baroda, 9 <sup>th</sup> , Sept., 1999.	Parents and Teacher Counseling
		(iii) Vidyavihar School, Baroda, April, 15-16 <sup>th</sup> , 1999.	Two Days Workshop for Teachers of Vidyabihar School on Adolescence Education
		(iv) Rakoli-(UT), Naroli- (UT), Silvassa-(UT), DADR- (UT), 15-15, Mar., 2000.	Orientation cum Guidance Sessions on Adolescence Education – to Secondary and Higher School Children (Extension work)
<b>Department of Psychology</b>			
1	Quraishi,Z.M.	(i) Faculty of Social work, M.S. University of Baroda, Oct. 9 <sup>th</sup> , 1999.	Acted as Ph.D. Seminar Resource Person
		(ii) Faculty of Social work, M.S. University of Baroda, Oct. 20 <sup>th</sup> , 1999.	Acted Resource Person on the subject of Problem Formulation at the Master's Level Programme
<b>Department of Educational Administration</b>			
1	Joshi,S.M.	(i) H.P. University, Shimla, April, 8-9. 1999.	U.G.C. Review Committee Expert Member
		(ii) St. Xavier College Mumbai, Jan., 2000.	NAAC Review Committee Expert Member

## 8B. University Experimental School

- \* Experimental School reopened on 14th June, 2000.
- \* Total strength of boys and girls in the School.

	Boys	Girls	Total
Primary	218	134	352
Secondary	121	069	190
Higher Secondary	188	113	301
<b>Total</b>	<b>527</b>	<b>316</b>	<b>843</b>

The school had a glorious result in S.S.C. and H.Sc. Board Exams. Students achieved positions at Board levels

### RESULTS

Std.	Percentage of Result
Xth	86.57%
XIIth Common	94.6%
XIIth Science	67.5%

Talented stars of school who secured ranks.

	S.S.C.	% of Marks	Rank
1.	Miss Dipsha Shah	95.43%	IInd in Guj. S.S.C. Board Ist in Baroda City, Ist in School
2.	Miss Radha Teredesai	95.29%	IIIrd in Guj. S.S.C. Board IInd in Baroda City School IInd in School
3.	Mr. Harmit Upadhyay	94.97%	7th in Guj. S.S.C. Board 4th in Baroda City IIIrd in School
4.	Nirali Patel	93.14%	8th in Baroda City 4th in School
	XII Science		
1.	Ashish Parikh	90.46%	4th in Baroda Ist in School

A special function and dinner was arranged by the Principal Shri Hariharbhai Patel to honour these talented students. Vice-Chancellor, Dr. Anil Kane, presided over the function and congratulated them, Pro-Vice-Chancellor, Dr. Deepak Kumar De, Board member Shri Ashok Patel, District Education Office, Shri Nanavati, were honoured Guests who graced the occasion.

### ACTIVITIES-SPECIAL DAY CELEBRATION

- \* Students of Std. 8th took part in a rally organized by National Students Union to pay homage to Kargil Martyrs.
- \* School students and staff took part in silent rally and prayer meeting organised by M.S. University of Baroda to honour the Kargil Martyrs.
- \* School students donated sum of Rs. 17,850/- to Army Welfare Fund, Delhi.
- \* On "GURUPURNIMA" School students honoured all the teachers and office staff by presenting flowers and sweets.
- \* "GAURI VRAT" was celebrated with Mehendi Competition.

**8B. University Experimental School**

- \* "INDEPENDENCE DAY" was celebrated by Flag Hoisting ceremony performed by Chi. Darshit Bhavsar of Std. XIth Science.
- \* Rotary Club of Jawaharnagar, honoured talented ranking students of S.S.C. Board Exams. The school won rotating shield. Students were presented trophies and certificates.
- \* School children took part in rally organised by Baroda District AIDS control, committee.
- \* 'Republic Day' was celebrated with Flag Salutation and Prize Distribution ceremony. University Chief Accountant Shri N.N. Shah was President and Dr. Piyush Patel was the Chief Guest.
- \* On the same day Late Shri Diliprai Kharod an Ex. Teacher awards were declared by his family. Student scoring highest marks in English at S.S.C. and H.S.C. Exams. will be eligible for it.
- \* Class cleanliness and decoration competition was organised by school science teachers.
- \* Science Teacher Miss Neena Desai and Mrs. Kalindi Desai took part in training programme organised by Gujarat Govt. Health and Education Dept. to control anaemic condition in girls.
- \* To create awareness in students of Std. XIth and XIIth, a seminar on 'Depression' was organised by Dr. Patel and Dr. Waghela.
- \* A Visit to 'Patanjalp Vruksha Mandir' was organised for students of Std. XI Science.

**Sports**

- \* All Gujarat Martial Art Academy organised Karate competition. The following students came out with flying colours.

	Name	Std.	Prize
1.	Nilam Parmar	VIII	Best Fighter Trophy 1st Prize Gold Medal
2.	Kinnal Parmar	VIII	IIIrd Prize-Bronze Medal
3.	Tapan Patel	IX	1st Prize Gold Medal
4.	Bunty Aggrawal	VIII	IInd Prize Silver Medal
5.	Devanshu Soni	V	IInd Prize Silver Medal
6.	Keyur Rathod	II	1st Prize Gold Medal

- \* A Kabbadi match was organised by Baroda City, Sayajigunj Zone for girls of Experimental School and Web School, Experimental School won by 16 points.

Six girls were selected from school team to play at State level.

- \* Miss Pinal Shah and Miss Shaba Farhin of Std. 8 were selected in under 14 category in Kabbadi to play at State level.

- \* In an Inter School Cricket Tournament held by Baroda Cricket Association Experimental School, A team won against Bright School. Team B won against St. Mary School.

- \* As a part of Golden Jubilee year of the school an inter school cricket tournament was held. Semi final and final matches were played among different participating schools. In final match between Experimental School and Sanskar Vidyalaya, Sanskar Vidyalaya won by two wickets and won the trophy.

- \* All Gujarat Open Millenium Karate Championship competition was held at Godhara, The winners were as follows :

(1)	Nilam Parmar	Std. VIII	2nd
(2)	Bunty Aggrawal	Std. VIII	1st
(3)	Tapan Patel	Std. IX	2nd

These students will take part in National Level Championship to be held at Nepal.

- \* School Cricket team took part in Inter School Cricket Tournament arranged by Bal Bhavan, Baroda.

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## 8B. University Experimental School

- \* Chi Jay Vakil of Std. 7th was selected to play in Open Gujarat Table Tennis Tournament.
- \* School celebrated Sports Day by organising different sports, games and events.  
The best players of the year were declared.

### Best Players of Year

(1)	Siddharth Maniyar	Higher Secondary
(2)	Anuradha Bhosle	Higher Secondary
(1)	Nishant Savant	Secondary
(2)	Hamali Mistry	Secondary

### DEBATE

- \* As a part of Golden Jubilee Year, School arranged Inter School Debate Competition for Primary, Secondary and Higher Secondary Students. The winners were.....

Chandani Vyas (Primary)	1st Prize Experimental School
Jalpa Rampura (Higher Secondary)	1st Prize Swami Vidyanandaji Vidyavihar
Krina Rai (Higher Secondary)	1st Prize Experimental School
- \* An inter school extempore debate was held in school by SOCLEEN on 'Environment' School student Miss Mittal Jagtap won 2nd prize.
- \* Students of B.Ed. college arranged a debate for Std. 8 & 9.
- \* A debate competition was held for students of Std. 1st to 7th.
- \* In a debate competition held by Gujarat Bal Vikas Academy, Aniruddha Prakashkar of Std. 4th won 2nd prize and Chandani Vyas won 3rd prize.

### ESSAY

- \* An essay competition was organised on Gurupurnima day.
- \* Maharaja Sayajirao Gaekwad Memorial Trust, arranged essay competition on Maharaja's birth anniversary. School student Aalok Shah of Std. 9 won 2nd prize.
- \* B.Ed. student organised an Essay Competition on subjects 'If I become Prime Minister' and "Our Present Day Examination System". Miss Mittal Jagtap won 1st prize from higher Secondary. In Secondary Rahul Dave won 1st prize.
- \* As a part of Golden Jubilee Year inter school essay competition was organised for Primary Secondary & Higher Secondary School.

Jayashree Kumavat (Primary) 1st Prize	C.H. Vidyalay
Aalok Shah (Secondary) 1st Prize	Experimental School
Radha Teredesai (Higher Secondary) 1st Prize	Experimental School
- \* In Baroda City inter school essay competition, following students got prize.

(1) Prutha Desai	Std. VII 3rd Prize
(2) Dhrumil Upadhyay	Std. V 3rd Prize
(3) Aniruddha Prakashkar	Std. IV Special Prize

### MUSIC AND DANCE

- \* Garbas were organised for all the school children and staff members in school premises as Navratri celebration.
- \* Chi. Neel Shukla took part in Drama "Mama no ghar kettle" as child artist.
- \* Chandani Vyas played part of Rangali in Solo acting and won 1st prize in competition held by Gujarat Bal Vikas Academy.

**8B. University Experimental School**

**DRAWING**

- \* School Children visited drawing exhibition organised by Drawing Teacher's organisation.
- \* A Drawing Competition was held by Drawing Teacher's Association. The winners were

Varun Patel	Std. VII	1st
Darpan Patel	Std. VII	3rd
Jay Chitaniya	Std. III	3rd

- \* As a part of Golden Jubilee Celebration Inter School Drawing competition was held in school.

**Winners were**

Primary		
Varun Patel	1st Prize	Experimental School
Secondary		
Rashmi Mona	1st Prize	Shreyas Vidyalaya
Higher Secondary		
Devendra Pathak	1st Prize	Vinay Vidyalaya

**External Examinations**

- \* Swami Vivekananda Education Academy, Rajkot, held English proficiency exam. 83 school students appeared in the examination school result was 57%.
- \* Swami Vivekananda Centre, Baroda arranged 'Swadhyay Kasoti'. Five students appeared in it and all passed. Three students were invited to take part in Shibir at Karvan.
- \* School scored 100% result in Gujarat Elementary and Intermediate Drawing Exams.
- \* School students appeared in Hindi Balpothi, Pahl, Dusri, Tisari Exams. held by Gujarat Vidyapith.
- \* School scored 98% result in Gyan Vardhak Exams. held by Gujarat Pustakalaya Sahayak Sanstha.
- \* Students appeared in 'Shishta Vachan' Exams.

**QUIZ**

- \* ABC group organised first round Quiz Competition on Kargil Conflict. School students took part in it. After 8 rounds the winners will be declared.
- \* B.Ed. Students organised Quiz Competition for Secondary students.

**TOURS**

- \* Secondary and Higher Secondary students and staff enjoyed a trip to Kabirwad.
- \* Primary children and staff enjoyed four days tour to Abu, Ambaji, Modhera, Balaram.

**AWARDS**

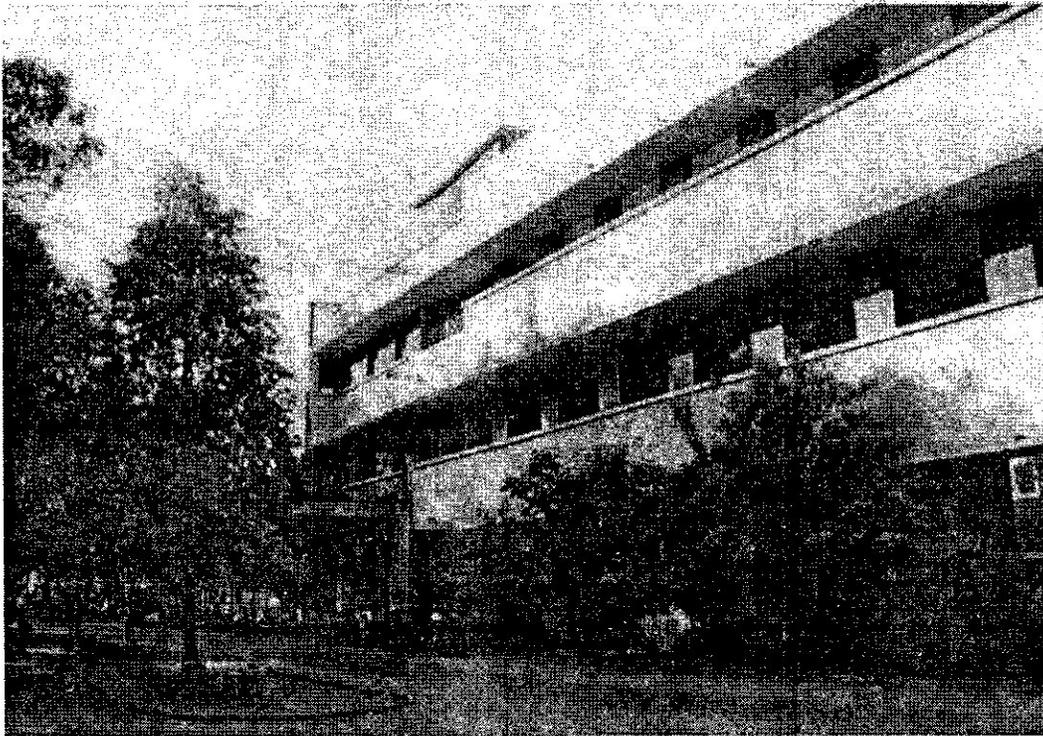
- \* Dr. Mahendra Chokshi Award for the year goes to
  - Chi. Vedant Majmudar - Primary
  - Chi. Neelam Shah - Secondary
- Late Shri Diliprai Kharod award in English goes to
  - (1) Vikram Jiwani S.S.C. 94 marks
  - (2) Arpit Shah S.S.C. 94 marks
  - (3) Kirtida Desai H.Sc. (Sci.) 76 marks
  - (4) Vaishali Patel H.Sc. (Com.) 77 marks.



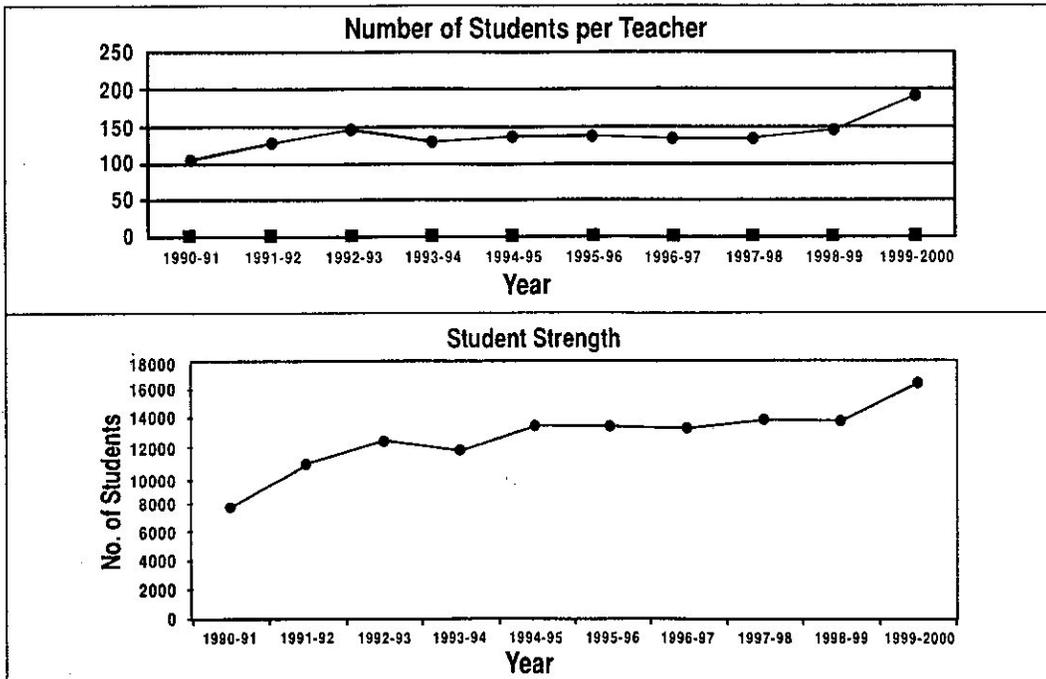
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## Faculty of Commerce



Faculty of Commerce



## 9. Faculty of Commerce

### I (A) PUBLISHED BOOKS (B) MONOGRAPHS (C) EDITED VOLUMES\*

Sr. No.	Author(s)	Title	Details of Publication
<b>Department of Accounting and Financial Management</b>			
1.	Kulkarni, S.R.	Self Financing of Higher Education	Seminar Volume [ED.], Baroda October 1999.
<b>Department of Banking and Business Finance</b>			
1.	Joshi, S.M., Alam, Z. and Sahu, S.	Perspectives on Banking	RBI Endowment Unit, Faculty of Commerce, M.S. University of Baroda, 1999.
2.	Joshi, S.M.	Perspective on Finance	RBI Endowment Unit, Faculty of Commerce, M.S. University of Baroda, 1999.

### II PUBLISHED ARTICLES / PAPERS IN JOURNAL

Sr. No.	Author (s)	Title	Name of Journal. Volume, Number/Part, Page Numbers and Date
<b>Department of Accounting and Financial Management</b>			
1.	Kulkarni, S.R.	Financial Derivatives	Perspectives on Finance [ED.] RBI Endowment Unit M.S. University of Baroda, 1999.
2.	Macwan, E.G.	Debt Equity Ratio in ICICI Assisted Industries	The Management Account, April, 1999.
<b>Department of Banking and Business Finance</b>			
1.	Bansal, H. and John, M.	Micro Credit Institutions and Organisations	Perspectives on Banking [ED.] RBI Endowment unit M.S. University of Baroda, 1999.
2.	Joshi, S.M. and Macwan, A.	Demand for Money in India	Anvesak, Volume, NO.1, PP. 111-122, June.1999.
3.	Joshi, S.M. and Mulla T.	Urban Informal Labour Market- Some Issues and Evidence	Labour Market Segmentation in India, [ED.] Maya Shah, Himalaya Publishing House, 1999.
<b>Department of Business Economics</b>			
1.	Kumar, Jayant	Mutual Funds in India: Some Issues.	Perspectives on Finance, [ED.], RBI Endowment unit Shubda Publication, Baroda, 1999
2.	Nayak, D N	[I] Canadian FDI in India: Some Observations JUNE 1999	Political Economy Journal, Vol. 8, No.1 And 2, pp 51 TO 56,

**9. Faculty of Commerce**

- |    |                                    |  |  |
|----|------------------------------------|--|--|
| 3. | Nayak, D.N. and<br>Ahmed, D.       | [ii] Capital Flight From India<br>[iii] Liquidity, Productivity and Profitability of Foreign Banks and Domestic Banks in India- A Comparative Analysis | Foreign Trade Review, Vol. 34,<br>No. 2, pp.57-73, July-Sept, 1999.<br>IEA 82 <sup>ND</sup> Conference<br>Volume, Dece., 1999. |
| 4. | Bansal, S.N. and<br>Sancharani, L. | Convertibility of Rupee: An Overview of Indian Banking: Responses to Reforms   | Yojna, Vol. 43, NO.10, pp.20-24,<br>October, 1999.   |

**Department of Commerce including Business Administration**

- |    |                  |  |   |
|----|------------------|--|---|
| 1. | Dangarwala, U.R. | [i] Factoring: Another Instrument for Financial Institution<br>[ii] A Critical Note on European Monetary Union<br>[iii] Self Finance in Higher Education | Perspectives on Banking [ED.]<br>RBI Endowment, Unit M.S.<br>University of Baroda, 1999.<br>Perspective on Finance [ED.]<br>RBI Endowment Unit, M.S.<br>University of Baroda, 1999.<br>Synergy, JR. OF S.P. University,<br>June 1999. |
|----|------------------|--|---|

**Department of Co-operation**

- |    |              |  |  |
|----|--------------|--|--|
| 1. | Mohite, M.D. | [i] Profitability of Nationalised Banks<br>[ii] Financial Performance Appraisal of Nationalised Banks in India | Seminar Volume – Self Finance courses in Higher Education [ABVP ORGANISED], 1999.<br>Perspective of Banking [ED.]<br>RBI Endowment Unit, M.S.<br>University of Baroda, 1999. |
|----|--------------|--|--|

**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
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**Department of Banking and Business Finance**

- |    |             |  |                                 |             |
|----|-------------|--|---------------------------------|-------------|
| 1. | Joshi, S.M. | U.G.C. Sponsered State Level Seminar on "Recent Developments in Macro-Economical Analysis And Policy", Organaised by Department of Economics, School of Social Science, Gujarat University, Ahmedabad. March 25, 2000. | Perspectives on Monetary Policy | Unpublished |
|----|-------------|--|---------------------------------|-------------|

**Department of Business Economics**

- |    |             |  |  |             |
|----|-------------|--|--|-------------|
| 1. | Nayak, D.N. | 25 <sup>TH</sup> Iacs International Conference on Canadian Studies, Centre for Canadian Studies, H.P. University, Shimla, April 12-15, 1999. | Canadian FDI in India: Some Observations | Unpublished |
|----|-------------|--|--|-------------|

**9. Faculty of Commerce**

**IV TALKS OF ACADEMIC NATURE IN PROFESSIONAL PROGRAMMES**

Sr. No.	Name(s)	Nature of Professional Programmes*	Title	Capacity of Participation
<b>Department of Banking and Business Finance</b>				
1.	Joshi, S.M.	Special Assistance Programme [SAP] of P.G. Department of Economics, Sardar Patel University, Vallabh Vidyanager.		UGC Visiting Fellow, 27 <sup>TH</sup> Sept-1 <sup>ST</sup> Oct, 99

**V CONTRIBUTION TO CONDUCT PROFESSIONAL PROGRAMMERS**

Sr. No.	Name (s)	Programme (s), Place and Date (s)	Capacity of Participation
<b>Department of Accounting and Financial Management</b>			
1.	Khedkar, J. R.	Attended National Seminar on "Information Technology For Banking Industry", Organised Byvakunth Mehta Institute of Management, Pune, February, 2000.	Participant
2.	Shah, P.B.	Faculty Development Programme, Organised by ICFAI, Hyderabad, April, 1999.	Participant
<b>Department of Commerce incld. Business Administrative</b>			
1.	Dangarwala, U.R.	Faculty Development Programme, Organised by ICFAI, Hyderabad, April, 1999.	Participant
<b>Department of Co-operation</b>			
1.	Mohite, M.D.	Invited as a Resource Person to Chair a Seminar Session Organised by BMC College, Pune, March 28 <sup>TH</sup> , 2000.	Resource Person

**VI STATE / NATIONAL / INTERNATIONAL AWARDS AND DISTINCTION OF ACADEMIC NATURE**

Sr. No.	Recipient	Description of Award	Contribution Made by Recipient
<b>Department of Business Economics</b>			
1.	Joshi, S.J.	Canadian Studies Faculty Research Fellowship Award, Offered by The Department of Foreign Affairs and International Trade, Government of Canada, Ottawa, Canada, to Pursue at The University of Toronto.	Post-Doctoral Research

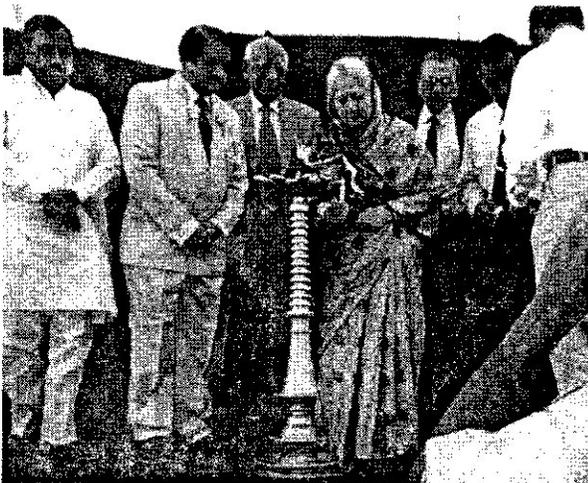


# 51st annual report

THE M. S. UNIVERSITY OF BARODA  
Faculty of Medicine



Faculty of Medicine



Inauguration of Golden Jubilee convention  
of Alumni Association of MCB by Chancellor



Alumni Association of Medical College, Baroda

## 10A. Faculty of Medicine

### I PUBLISHED BOOKS AND MONOGRAPHS

Sr. No.	Name(s) of Author(s)	Title of Book/ Monography/Memoographed	Details of Publication
<b>Department of Obstetrics and Gynecology</b>			
1.	Maitra, N. Baxi, S.	Cervical Mucus in Infertility in Transvaginal Sonography in Infertility	Rotendra Publications, 1999, Jaypee Brothers, Medical Publishers, pages 5.
2.	Maitra, N. Chauhan, L. N. Hazra, M. N.	Unsafe Abortions: Results of a Qualitative Study in Manual on Termination of Pregnancy – an update.	
<b>Department of Physiology</b>			
1.	Pathak, N.R.	Steps for Self Management,	Souvenir of Panchvarshhiya Mahotsava of Swami Yogananda Foundation, Dec. 1999. Vadodara. page 3.
<b>Department of Skin &amp; V. D.</b>			
1.	Marfatia, Y. S.	Antioxidants in Autoimmune Skin Diseases in a book on Antioxidants in skin disorders..	Organizing committee of National conference of Indian Association of Dermatovenereo-leprologist, Bangalore, Jan 2000.

### II PUBLISHED ARTICLES/PAPERS

Sr. No.	Author(s)	Title	Details of Publication
<b>Department of Anaesthesiology</b>			
1.	Lalwani, K. Upadhyay, R. M. Vasava, J. C.	Brachial Plexus Block Through Intercalculus Approach.	Indian Journal of Anaesthesiology, February 2000; Vol. 44 No. 1 :54-55.
2.	Golwala, M. P. Ramkumar Upadhyay, R. M. Swadia, V. N.	Femoral Nerve Block as the Initial Management of Fractured Shaft of Femur.	Indian Journal of Anaesthesiology, October 1999; Vol. 43 No. 5 :63-63.
3.	Shah, M., Swadia, V. N. Vasava, J. C.	Comparative Evaluation of Ketorolac Tramadol and Diclofenac for Post-operative Pain Relief in Minor Surgical procedures.	Indian Journal of Anaesthesiology, October 1999; Vol. 43 No. 5 :63-64.
4.	Swadia, V. N. Rawal, H. H. Vasava, J. C.	Clinical comparison of Atrocorium besylate and Vecronium bromide with Pancuronium bromide (a study of 75 cases).	Indian Journal of Anaesthesiology, April 1999; Vol. 43 No. 2 :51-53.
<b>Department of Obstetrics and Gynecology</b>			
1.	Maitra, N. Baxi, S. Tulsian, A. Chauhan, L.N. Hazra, M.N.	Mobius syndrome – Mobius sequence	Indian Journal of Otolaryngology & Head and Neck Surgery: Vol. 51, No. 4; p 42 – 43, Oct – Dec 1999.
2.	Maitra, N. Simpson, P.J. Waltus, J. Roberts, E. Davison, E.V.	Changing trends in the cumulative & cause specific mortality rates over three decades	Journal of Obstetrics and Gynecology of India, June 1999 p 50 – 53.

## 10A. Faculty of Medicine

### Department of Pediatrics

- |    |  |   |   |
|----|--|---|---|
| 1. | Nayak, U.<br>Gandhi, D.J.<br>Aiyer, S. | 1. Medical Audit in Pediatrics<br>2. Intensified PPI<br>3. Neonatal Morbidity & Mortality – Report of National neonatal perinatal database. | Indian Journal of Pract. Pedia., 1999, Vol. 1, Oct 1999.<br>Do<br>Indian Pediatrics, 1999, 36, 107-169. |
| 2. | Shendurnikar, N.                       | Aneuploidy FISH Screening in Uncultured Aminocytes in selected referral groups – a clinical audit.  | Journal of Medical Genetics, Sept. 1999, suppl. No. 1 Vol.36, p S54.                                    |

### Department of Pharmacology

- |    |  |   |   |
|----|--|---|---|
| 1. | Tripathi, C.B.<br>Bhattacharya, P.<br>Bhatt, J.D.<br>Hemavathi, K.G. | Comparative study of Beta Adrenireceptor blocking efficacy of two formulations of Esmolol in vivo and in vitro.               | Indian Journal of Physiology and Pharmacology, Vol 43, p 255-258, April 1999. |
| 2. | Thakre, B.S.<br>Shah, K.K.<br>Bhatt, J.D.                            | Study of effects on the sensitivity and vascular and extra vascular tissues in ethinyl esteradiol – induced hypertensive rats | Indian Journal of Pharmacology, Vol 32, No. 1 p 15-20, Feb.2000.              |

### Department of Skin & V. D.

- |    |                              |  |   |
|----|------------------------------|--|---|
| 1. | Marfatia, Y. S.<br>Patel, V. | A topical dosage form of Liposomal Clofazimine : Research and clinical implications. | PHARMAZIE (Germany), 54(6), 1999, p 448-451, June 1999. |
|----|------------------------------|--|---|

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

Sr. No.	Author(s)	Theme, organising Body, Place, and Date of Seminar/Conference	Title of the Paper	Published/ Unpublished
<b>Department of Anaesthesiology</b>				
1.	Singh, H. Desai, D. Upadhyay, R. M. Swadia, V. N. Patel, H. J.	47 <sup>th</sup> Annual conference of Indian Society Anaesthesiologists, Cochin, 27 <sup>th</sup> Dec. 1999 & XXXII Annual Conference Gujarat State Branch & Indian Society of Anaesthesiologists, Surendranagar, 2 – 3 October, 1999.	Comparision of recovery characteristics of propofol and Thioperdone Sodium in Ambulatory Anaesthesia Practice.	Unpublished.
2.	Patel, N. Apexa Lalwani, K. Patel, H. J.	Do	A study on comparision of Cis Atracurium with Atrecurium.	Unpublished.
3.	Barochia, M. Wadhvani, R. O., Patel, M. Patel, D. Patel, H. J.	Do	Effect of two different doses of Nivacurium Endotrachial Intubating Conditions using DBS.	Unpublished.
4.	Shrivastava, D. Chauhan, V. Golwala, M. P. Patel, H. J.	Do	Comparision of Post-operative Pain Relief In Paediatric Patients Undergoing Tonsillectomy Using 0.5 % Bopivacine Packs And 4 % Lignocaine Spray.	Unpublished.
5.	Shah, S. Parikh, N. Khare, P. Golwala, M. P. Patel, H. J.	Do	Anaesthetic Management of Various Leprosy Induced Deformities (A Study of 300 Cases).	Unpublished.

**10A. Faculty of Medicine**

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|---|--|--|--|--------------|
| 6.  | Sagar, P.<br>Bhide, J.<br>Patel, H. J.   | 47 <sup>th</sup> Annual conference of Indian Society Anaesthesiologists, Cochin, 27 <sup>th</sup> Dec. 1999 & XXXII Annual Conference Gujarat State Branch & Indian Society of Anaesthesiologists, Surendranagar, 2 – 3 October, 1999. | A study on Clonidine as Premedicant.   | Unpublished. |
| 7.  | Patel, P.<br>Shah, D.<br>Swadia, V. N.<br>Patel, H. J.                           | Do   | A study to Compare Niolazolam and Thiopentone Sodium Introvenous Induction Agents.   | Unpublished. |
| 8.  | Chajwani, S.<br>Desai, D.<br>Golwala, M. P.<br>Patel, H. J.                      | Do   | Anaesthetic Management of a Patient Of Lsvs With Mitral Stenosis with Aortic Regurgitation with Moderate Pulmonary Hypertension – A Case Report. | Unpublished. |
| 9.  | Chhaya, B.<br>Brahmabhatt, N.,<br>Singh, H.<br>Patel, H. J.                      | Do   | Anaesthetic Management of Epstein Anamoly Posted for Hemithyroidectomy – A Case Report.  | Unpublished. |
| 10.   | Jagani, K.<br>Brahmabhatt, N.<br>Golwala, M. P.,<br>Patel, H. J.                 | Do   | Anaesthetic Management of Patients having Prosthetic Mitral Valve Posted for Repair and Surgical Hernia – A Case Report.                         | Unpublished. |
| <b>Department of Otorhinolaryngology (E.N.T.)</b>   |  |  |  |              |
| 1.  | Darod, H. M.   | 23 <sup>rd</sup> Annual Conference of Gujarat State branch of Association of Otolaringologists of India , Oct.1999, at Rajkot.   | Fungal Sinusitis   | Unpublished  |
| 2.  | Bansal, S. B.  | 23 <sup>rd</sup> Annual Conference of Gujarat State branch of Association of Otolaringologists of India , Oct.1999, at Rajkot.   | Clinical presentation and surgical approach to lesions of Shenoid sinus – a study of 25 cases.   | Unpublished. |
| <b>Department of Obstetrics and Gynecology</b>      |  |  |  |              |
| 1.  | Maitra, N.   | British Society of Medical Genetics, University of York, Sept. 27 –29, 1999.   | Aneuploidy FISH screening in high risk referral groups – a clinical audit.   | In press.    |
| <b>Department of Pharmacology</b>                   |  |  |  |              |
| 1.  | Trivedi, H.R.<br>Tripathi, C.B.<br>Bhatt, J. D.<br>Shah, K.K.<br>Hemavathi, K.G. | XVth Annual conference of IPS, Gujarat Chapter, Ahmedabad, Aug. 1999.  | Interaction between H2 receptor antagonist and neuromuscular blocker in Vivo & in vitro in rats.   | Unpublished. |
| <b>Department of Plastic Surgery</b>                |  |  |  |              |
| 1.  | Bhatt, Y.C.  | National Academy of Burns – India, conference at Ahmedabad, April 1999.  | Antibiotics in Burns (CME presentation)  | Unpublished  |
| <b>Department of Preventive and Social Medicine</b> |  |  |  |              |
| 1.  | Damor, J.R.<br>Kotecha, P.V.   | Poster presentation in IAPSM conference Gujarat chapter at Ahmedabad, Jan 2000   | Prevalance of rheumatic fever and rematic heart disease in 5 to 15 years of children in neighbor slums of Baroda.                                | Unpublished. |
| 2.  | Misra, S.V.  | Poster presentation in Annual conference of IAPSM, Gujarat chapter, Ahmedabad, Jan 2000.   | Bronchodilator response in Byssinotis and non byssinotis   | Unpublished. |

## 10A. Faculty of Medicine

### Department of Skin & V. D.

- |    |                 |   |   |              |
|----|-----------------|---|---|--------------|
| 1. | Marfatia, Y. S. | National conference of Indian Association of Dermato-Venero-leprologist, Bangalore, Jan 2000. | Efficacy and Safety of Topical 1 % Oxicanazole in Cases having Tinea. | Unpublished. |
|----|-----------------|---|---|--------------|

### IV TALKS OF ACADEMIC NATURE IN PROFESSIONAL PROGRAMMES

Sr. No.	Name (s)	Nature of Professional Programmes	Title	Capacity of Participation
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#### Department of Ear, Nose & Throat & Head and Neck Surgery

- |    |              |  |                                      |                  |
|----|--------------|--|--------------------------------------|------------------|
| 1. | Desai, A. A. | Seminar on 'Rehabilitation of a deaf child at Rotary Club, Nadiad, 13 <sup>th</sup> Feb, 2000. | Clinical Evaluation of a Deaf Child. | Invited speaker. |
|----|--------------|--|--------------------------------------|------------------|

#### Department of Pediatrics

- |    |                  |   |   |                                  |
|----|------------------|---|---|----------------------------------|
| 1. | Gandhi, D.J.     | 1. PACT – CRH – ICICI Aug – Sept. 1999.<br>2. State IMA GIMACON, Dahod, Dec. 1999.                | Diarrhoea Management – Strategy of Millennium<br>Management of Epilepsy in Children | Faculty speaker<br>Guest speaker |
| 2. | Shendurnikar, N. | 37 <sup>th</sup> National Conference of Indian Academy of Pediatrics, Hydrabad, Jan.2000.         | Nutritional Rehabilitation in Children  | Guest speaker                    |
| 3. | Shukla, O.P.     | Workshop & Training programme for M.O. Sickle cell Anaemia at Rajpipla, Dahod, Baria, March 2000. | Sickle Cell Anaemia.  | Guest speaker                    |
| 4. | Nayak, U.        | 1. State IMA GIMACON, Dahod, Dec. 1999.<br>2. IMA, Baroda and Surat, Dec. 1999.                   | Dyspnoea in Children<br>Rational use of Laboratory in Clinical Practice             | Guest speaker<br>Panalist        |

#### Department of Plastic Surgery

- |    |             |  |   |                |
|----|-------------|--|---|----------------|
| 1. | Bhatt, Y.C. | IMA Vadodara Branch Seminar, March 2000. | Laser Surgeries – Application in Plastic Surgery. | Invited talks. |
|----|-------------|--|---|----------------|

#### Department of Preventive and Social Medicine

- |    |                |                           |                             |                 |
|----|----------------|---------------------------|-----------------------------|-----------------|
| 1. | Kotecha, P. V. | Radio Programme Feb 2000. | Medical Aspects of Old Age. | Invited speaker |
|----|----------------|---------------------------|-----------------------------|-----------------|

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

- |    |                 |  |   |   |
|----|-----------------|--|---|---|
| 1. | Marfatia, Y. S. | 1. Workshop on AIDS/STD for Railway doctors, Vadodara, June 1999.<br>2. Rajasthan Br. Of Indian Association Of Dermato-Venero-Leprologist, Jaipur, Oct 1999.<br>3. Annual State Conference of Indian Assocation of Dermato-venerologist, Rajkot, Dec 1999. | 1. Approach to Management Of Sexually Transmitted Diseases.<br>2. Finasteride in Male Pattern Baldness.<br>3. Current Trends in Treatment of Psoriasis. | Resource person<br>Invited talk.<br>Invited talk. |
|----|-----------------|--|---|---|

### V CONTRIBUTION TO CONDUCT PROFESSIONAL PROGRAMMES

Sr. No.	Name(s)	Programmes(s), Place and Date	Capacity of Participant
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#### Department of Pathology

- |    |              |  |                                     |
|----|--------------|--|-------------------------------------|
| 1. | Patra, S. B. | West Zone Conference of Indian Association of Pathologists and Microbiologists, Vadodara Oct.1999. | Panel of Judges for profered papers |
|----|--------------|--|-------------------------------------|

**10A. Faculty of Medicine**

2.	Pandya, S. P. and staff members of Pathology department	Organization of WZIAPM Conference, Oct. 1999 at Vadodara.	Organizing secretary and various committees.
<b>Department of Plastic Surgery</b>			
1.	Sharma, S.N.	1. Workshop – Aesthetic Surgery, Anand, Feb 2000 2. Workshop – Rhinoplasty, New Delhi, March 2000.	Adviser Faculty
2.	Bhatt, Y.C.	1. Workshop – Aesthetic surgery, Anand, Feb 2000. 2. Workshop – Microvascular surgery, Ahmedabad, March 2000.	Organizing Member Faculty
<b>Department of Preventive and Social Medicine</b>			
1.	Kotecha, P.V.	1. Masters in Hospital Management Training in the field of Epidemiology at Administrative staff college, Hyderabad, March 2000. 2. Indicators in RCH (Staff level workshop) May 1999 and June 1999 at IIM Ahmedabad.	Resource Person Resource Person

**VI PERFORMANCE BY INDIVIDUAL/GROUP**

Sr. No.	Name(s)	Place and Date(s)	Nature of Performance
<b>Department of Pediatrics</b>			
1.	Gandhi, D.J.	AIIMS, New Delhi, Sept. 1999, & Dec. 1999. (Minister of Health and Family Welfare)	Participation in workshop on Retinopathy of Prematurity & Participant for training to Cyser Group, Medical Education.

**VII STATE/NATIONAL/INTERNATIONAL AWARDS AND DISTINCTION OF ACADEMIC NATURE**

Sr. No.	Recipient	Description of Award	Contribution Made by Recipient
<b>Department of Anaesthesiology</b>			
1.	Chhaya, B.	1 <sup>st</sup> Prize for Presentation A Case Report at State Level in XXXII Conference of Gujarat State Board of Indian Society of Anaesthesiologists, Surendranagar – 1999.	Delegate
2.	Shah, S.	2 <sup>nd</sup> Prize for Paper Presentation in the Same Conference.	Delegate
3.	Singh, H.	T. N. Shah Memorial medal for Best Paper at the Same Conference & Same for 47 <sup>th</sup> National Conference of Indian Society of Anaesthesiologists, Dec. 2000. Cochin.	Delegate.
<b>Department of Obstetrics and Gynecology</b>			
1.	Maitra, N.	Commonwealth Scholarship Awarded by Govt. of India & Commonwealth Scholarship Comm. In the U.K. (1 year)	Research project (Investigator)
<b>Department of Pediatrics</b>			
1.	Shendurnikar, N.	Fellowship of Indian Academy of Pediatrics (FIAP)	For organization of IAP (Academy)
<b>Department of Pharmacology</b>			
1.	Bhatt, J. D.	Membership of the National Academy of Medical Sciences (MNAMS), New Delhi, in 1999.	Significant contribution in the field of Pharmacology.
<b>Department of Skin &amp; V. D.</b>			
1.	Santhaliya, S.	2 <sup>nd</sup> prize in Award Paper Session during Annual Conference of Indian Association of Dermato-Venero-Leprologists, Rajkot, Dec 1999.	Delegate & presented a paper.

## **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 group containing 10 drugs according to pharmacological classification of charts are arranged and maintained. A section of ayurvedic medicinal preparation is also provided. Work carried out in the Unit is exhibited separately. There are about 1000 ayurvedic specimen, 54 herbarium frames, 7 original ayurvedic photo frames, 75 specimen jars of fresh herbs are preserved in the solution. Nearly 300 specimen 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 Ayurvedic preparation of the O.P.D. patients and for research work. However, the rasa-shala is not in use.

### **General Ayurvedic O.P.D.**

During the year 1999-2000 total 2378 patients were treated of which 620 were new cases.

#### **Proposed Activities of the Department**

Following research and other activities have been planned for the next five years:

- i. A pharmacological study of Ayurvedic medicines (Nisha-Rasayan) and its comparison with allopathic drugs (Glibarlamida-metaphormine) on diabetes.
- ii. Effect of Kamudha with special reference to amlapatta.
- iii. Arthritis
- iv. Asthma
- v. A compilation of drugs in different Ayurvedic textbooks for carrying out research.

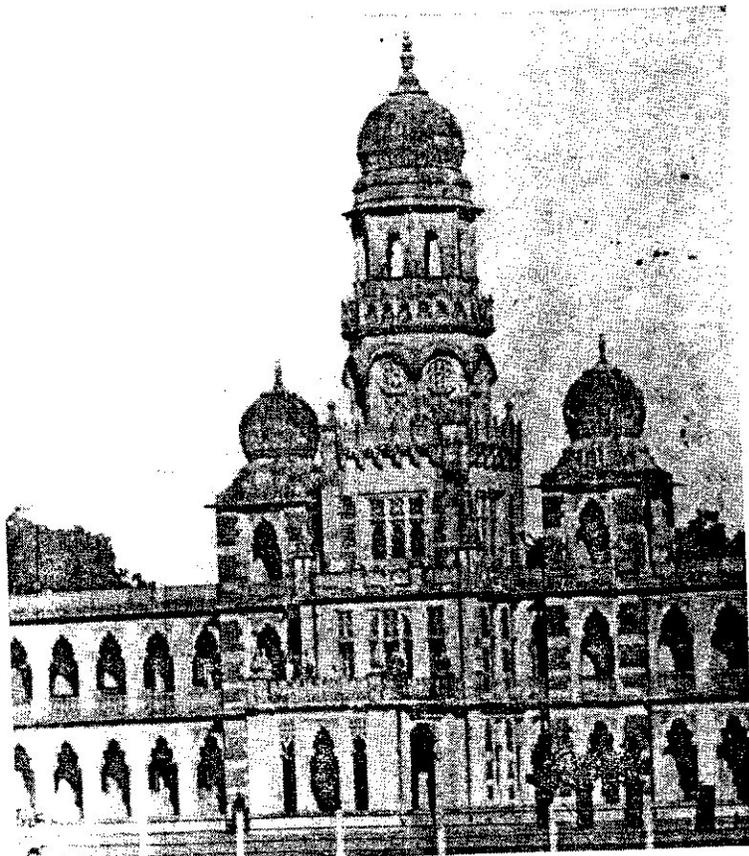
### **Coordination with S.S.G. Hospital**

The Unit works in coordination with S.S.G. hospital for the use of beds through honorary physician as well as for clinical trials.



# 51st annual report

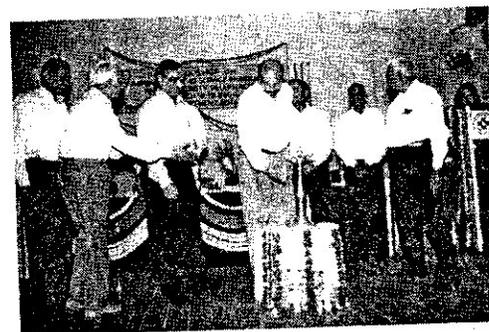
THE M. S. UNIVERSITY OF BARODA  
Faculty of Technology and Engineering



Faculty of Technology and Engineering



Inauguration of the "International Symposium on Luminescence and its Applications" by the chief guest Shri S.V. Subramanyam, President, JCT Electronics Ltd. Baroda, along with Dr. Anil Kane, Vice Chancellor, M.S.U., Shri C.L. Patel, Chairman Charoutar Vidya Mandal, V.V. Nagar and Prof. S. G. Shah, Dean, Faculty of Technology and Engineering.



Dr. Anil Kane, Vice Chancellor, inaugurating the Pharmacy Council of India sponsored work shop. 18th March 2000.



Welcome address by Dr. K. V. R. Murthy, Convenor, "International Symposium on Luminescence and its Applications"

## 11. Faculty of Technology & Engineering

I			
(A) PUBLISHED BOOKS	(B) MONOGRAPHS	(C) EDITED VOLUMES	
Sr. No.	Author(s)	Title	Details of publication
<b>(A) Department of Applied Mechanics</b>			
1	Shroff, A. V., Shah, D. L.	Grouting Technology in Tunneling and Dam Construction (Second Edition)	Oxford & IBH Publishing Co. Pvt. Ltd., 1999, Total Pages 609.
2	Parikh, J. P.	Understanding Concept of Structural Analysis & Design	Charotar Publishers, Anand, Feb. 2000, Pages. 283.
3	Shah, H. J.	Reinforced Concrete Vol. II, 5 <sup>th</sup> Edition	Charotar Publishing House, Anand, Jan.2000, Pages-672.
4	Junnarkar, S.B. and Shah, H. J.	i. Elements of Applied Mechanics, 15 <sup>th</sup> Edition ii. Mechanics of Structures, Vol. II, 16 <sup>th</sup> Edition	Charotar Publishing House, Anand, Jan.2000, Pages-864. Charotar Publishing House, Anand, April 1999, Pages-970.

### Department of Applied Physics

1	Shah, A. J.	Review Report on Solid State Physics Project (Text Book)	Tata Mc Graw Hill Publishing Co. Ltd., New Delhi - 110 008 ; May, 1999
2	Murthy, K. V. R., Sastry, M. D., Joshi, T. R., Prasad, L. H. H., Page, A. G. & Patel, N. G.	Luminescence and its Applications, Vol. - 1	Luminescence Society of India 7-10 Feb., 2000, pages - 228.
3	Dhake, K. P.	"UNEASY FLOWS VISHWAMITRI" (A collection of self poems)	Natasha Publications, Baroda August 31, 1999, pages - 114

## II PUBLISHED ARTICLES / PAPERS IN JOURNAL

Sr. No.	Author(s)	Title	Name of Journal. Volume, Number/ Part, Page Numbers and Date
<b>Department of Applied Chemistry</b>			
1	Chudasama, U.V., Shivaneekar, A. S., Gupta, U. and Varshney, K.G.	Synthesis, Characterisation and catalytic activity of Cu, (NH ) bound to Zirconium Arsent phosphate.	Journal of Indian Chemical Society, 77,5-7, 2000.
2	Chudasama, U.V., Patel, A.U., and Parikh, A. H.	The Use of Titanium Tungstate as a Solid Acid Catalyst in some Esterification Reactions.	Recent Trends in catalysis Editors: V.Murugesan, Banumathi Arabindo and M.Palanichamy Narosa Publishers Pg.421-426.
3	Chauhan, B.C., Gade, R.M., Menon, M. and Jejurkar, C.R.	Synthesis and characterization of Pb(II) complexes of liquid crystalline Macrocycle legends.	Phosphorous, Sulphur & Silicon and the related elements Vol.150-151 (1999). PP 277-285.
4	Mahajan, R., Nandedkar, H. and Suthar, V.	Intermolecular hydrogen bonding in mixed mesomorphism.	Mol. Cryst. Liq. Cryst. Vol.330, p.1755(1999).
5	Dave, J.S. and Menon, M.	Azomesogens with a Heterocyclic Moiety.	Bull. Material Sci. Vol.23, No.3,2000, indian Academy of Science, 2000.
6	Vora, R.A. and Prajapati, A.K.	Liquid Crystalline homologous series with biphenyl nucleus.	Mol.Cryst.Liq.Cryst.332,329(1999)

**11. Faculty of Technology and Engineering**

**Department of Applied Maths**

- |   |  |   |   |
|---|--|---|---|
| 1 | George, R.K.                             | A note on controllability of impulsive systems.   | Journal of Mathematics Analysis and Applications, vol. 241, pp. 276-283, 2000           |
| 2 | George, R.K., Pandit, P. & Ramamohan, S. | Stability & controllability of Hopfield Networks. | Proceeding of International Conference on Modeling, 9-12 Dec. 1999 vol. 1 , pp. 335-345 |

**Department of Applied Mechanics**

- |    |                                  |  |   |
|----|----------------------------------|--|---|
| 1  | Purani, V.S. and Patodi, S.C.    | Performance of FFBP Networks in Prediction of Behaviour of SFRC-T Beams.   | Vivek Journal of Artificial Intelligence, Vol.12, No.2, pp. 13-19, April 1999.                                  |
| 2  | Patodi, S. C.                    | Application of Artificial Intelligence in Structural Engineering.  | Vivek Journal of Artificial Intelligence, Vol.12, No.2, pp. 20-26, April 1999.                                  |
| 3  | Patodi, S.C. and Satodia, S. M.  | Application of Neural Networks in Predicting Behaviour of FRC Deep Beams.  | Journal of Civil Engineering Today, ASCE-IS, Vol. XIII, No.4, pp. 6-14, Aug. 1999.                              |
| 4  | Patodi, S. C. and Shah, B.B.     | Computer Aided Design of Structural Steel Components Using Excel.  | Journal of International Association for Bridge and Structural Engineering, Vol.29, No.2, pp. 29-38, June 1999. |
| 5  | Patodi, S. C. and Suthar, J.H.   | FOXTEC : A FoxPro based Tendering, Estimating and Costing Software.  | Journal of NBM & CW, Vol.5, Issue 5, pp. 24-35, Nov. 1999.  |
| 6  | Patodi, S. C. and Satodia, S. M. | Neural Computing for Modeling behaviour of FRC Columns, Beams and Slabs.   | Journal of NBM & CW, Vol.5, Issue 5, pp. 58-65.   |
| 7  | Patodi, S. C. and Suthar, J.H.   | Development of Software for Estimating and Costing using FoxPro.   | Journal of CE & CR, Vol.12, No.12, pp. 50-59, Dec. 1999.  |
| 8  | Patodi, S. C. and Thakkar, B. K. | Slab 2000 : Software for Analysis and Design of Staircases.<br>Computer Assisted Education in Structural Engineering Laboratories. | Journal of NBM & CW, Vol.5, Issue 8, pp. 84-90, Feb.2000.   |
| 9  | Patodi, S. C. and Patel, M.M.    | BPNNs : A simulator for Predicting Behaviour of cracked plates.  | Journal of Engg. & Tech., Sardar Patel University, Vol.13, pp. 54-63, March 2000.                               |
| 10 | Patodi, S. C. and Shah, D.P.     | Development of Computer based Tutors for Graphics Statics using AutoLISP.  | Journal of Engg. & Tech., Sardar Patel University, Vol.13, pp. 96-104, March 2000.                              |
| 11 | Patodi, S. C. and Agrawal, V.P.  | Recent Advances in Insitu Concrete Testing: Methods for Detection of cracks, voids & other discontinuities.                        | Journal of Civil Engineering Today, ASCE-IS, Vol. XIV, No.3, pp.3-11, May-June 2000.                            |

**Department of Metallurgical Engineering**

- |   |                                     |   |   |
|---|-------------------------------------|---|---|
| 1 | Ghosh, A., Dutta, S.K.              | Alternative Iron making Processes and Cold-Bonded Iron-ore-coal/char Composite Pellets  | Ind. Inst. of Metals Metal News, Vol.2(2), April 1999, pp. 2-7  |
| 2 | Dutta, S.K., Lele, A.B.             | i. Orientation of Indian Steel Industry for the Production of Quality Steel for Inter-national Competitiveness Part-I<br>ii. Technical Upgradation in Stainless Steel | Tool & Alloy Steels, Vol.33(7), July 1999, pp. 3-9<br>Iron & Steel Review, Vol. 43(6), Nov. 1999, pp. 56-58 |
|   |                                     | iii. Orientation of Indian Steel Industry for the Production of Quality Steel for Inter-national Competitiveness Part-II  | Ibid., Vol. 33(8), August 1999, pp. 3-8   |
| 3 | Dutta, S.K., Lele, A.B., Dave, I.B. | Characterization of ColdBonded Iron Ore-Coal/ Coke Composite Brigue-Ttes/Pellets  | Inst. Of Engg.(India) Journal-MM, Vol. 80, pt. MM-2, Nov. 1999, pp. 58-62                                   |

**11. Faculty of Technology & Engineering**

4	Kansara, G., Miniwala, A., Basu, D.K., Munirajulu, M., Kulkarni, M.D.	Casting Simulation of Aluminium Alloy	Proceedings of National Conference on Quality Control in Metallurgical Industries, 29-30 <sup>th</sup> Sept.'99 Dept. of metallurgical Engineering, P.S.G. College of Engineering, Coimbatore, p. 346-353
<b>Department of Pharmacy</b>			
1	Mishra, S.H., Gadgoli, C. & Mishra, S.H.	Antihepatotoxic Action of p- methoxy benzene and Iron Cappris spinosa	Indian Journal of Ethnopharmacology, 66(2), 187-192, 1999.
2	Balaraman, R. Shah, M.M.	Effect of Phenobarbitone carbamezepine and sodium valpuoate on the elimination kintetics of Acetaminophen.	Ind.J.Pharmac. 31, 311-314, 1999.
3	Bopanna, K.N. Balaraman, R.	Organotropic ultra structured changes produced by monosodium glutamate in rats on diet	Ind.J.Pharma., 31 266-314, 1999.
4	Nadig, R.S., Misra, A.N.	Modified Gaur Gum as a film Former	Pharmazie, 54, 678-681 (1999)
5	Baweja, J.M., Misra, A.M., Rao, A.B., Misra, A.N.	Modification of Lactose for Direct compression	Indian J.Pharm J. Pharm.Sci., 61, 231- 235 (1999)
6	Patel, V.B., Misra, A.N.	Encapsulation and Stability of Closazimine Liposomes	J.Microencop., 16, 357-367 (1999)
7	Patel, V.B., Misra, A.N., Marfatia, Y.K	Topical Dosage form of Liposomes Closazimine Research & Clinical Implications.	Pharmazie, 54, 448-451 (1999)
8	Rajput, S.J.	"Assay of Secnidazole in tablet formulation by fluorometry and spectrophotometry"	Indian Journal of Pharm.Sci. 61 (2), 1999, 119
9	Rajput, S.J. and Patel, K.G.	i. "Spectrophotometric Assay of Lansoprazole in Pharmaceutical dosage formulations ii. Spectrophotometric Determination of Yerapamil hydrochloride in its dosage forms.	Eastern Pharmacist, Feb.-2000 506, (2000), 101. Indian Drugs 36, 372 (1999)
10	Giridhar, R. Prabhakar, A.H., and Patel, V.B.	Spectrophotometric determination of fluoxetine hydrochloride in bulk and in pharmaceutical formulations.	J. Pharm. And Biomed. Analysis, 20, 427 (1999).
11	Rathod, S.P. Shah, M.M. ,	Effect of dietary calcium lisinopril and cusendia on diabetic hypertensive animals.	Indian Journal of Pharmacology, 31, 195-199, 1999.
12	Upasani, C.D., R. Bharat Ratan, R. Balaraman, S.P. Rathod, Mashru, R.C.	Spectrophotometric estimation of Lansoprazole in bulk drug and dosage forms.	The Eastern Pharmacists, XLII, 1999, 494
<b>Department of Textile Chemistry</b>			
1	Guha, S. B. & Shah, S. R.	Influence of Heat Setting Temperature on Dyeing Behaviour of polyester fiber.	"The Indian textile September 1999, VOLCIX NO. 12".
2	Bhattacharya, S. D; Thakker, J.H., Sengupta, A.K. & Nandy, D.	Effect of hydrolytic action of NaOH in presence of methanol on aesthetic & comfort properties of polyester fabric.	Indian Journal of Fabric & Textile Research – vol. 24, December, 1999 Page 279-283.
3	Bhattacharya, S. D; Thakker, J.H., Sengupta, A.K. & Nandy, D.	An approach to improve aesthetic & comfort related properties of polyester fabric using NaOH & accelerator.	Synthetic Fibres – June 1999, Page 11 – 15.

**11. Faculty of Technology and Engineering**

4	Bhattacharya, S. D. & Shah, A. K.	Metal ion effect on dyeing of wool fabric with catechu.	Journal of Society of Dyes & Colourist – vol. 116 Jan, 2000 Page 8 – 10.
5	Bhattacharya, S. D. & Desai, M. S.	Low temperature dyeing of polyester	Man-Made textiles in India – April, 1999 page 133 – 136
6	Bhattacharya, S. D. & Das, A. K.	Degumming of Ramie.	The Indian Textile journal March, 2000 page 48 – 50.
7	Agrawal, B.J. Vernekar, S., Shaikh, T. & Reddy, H.	Scouring and dyeing effect on yarn.	The Indian Textile Journal; Vol CX / No. 4/ January 2000; p 38 – 41.

**Department of Textile**

1	Bangalore, V. A., Vernekar, S.T. & Ghosh, B.R.	i. Effect of Fiber Friction on Yarn Properties. ii. Study on Polyester Fiber & Anti- Stat Application Fiber friction.	Manmade Textiles in India, July 1999, pg. 267-271 Indian Textile Journal Vol. IX, No. 12, Sept 1999, pg. 16-21
2	Bhattacharya, S.S., Rawal, H. & Singh, H.S.	Study on synthesis & characterization of graft co- polymer, PP-Acrylamide grafting.	Indian Textile Journal Aug. 1999, pg. 60-65
3	Shah, N.N. & Malek, U.A.	Air- Jet Texturing of micro- denier filament yarn.	Techno Times March 1999.
4	Patel, P.C., Vasavada, D.A. & Koranne, M. V.	Various yarns for knitting.	Indian Textile Journal Dec. 1999 pg. 144-149
5	Vernekar, S.T. & Koranne, M. V.	Water-Jet Weaving Machines.	NCUTE, Oct. 1999 pg. 31-44
6	Vernekar, S.T. & Koranne M. V.	Sculptured Terry.	Indian Textile Journal, Feb. 2000, pg. 50-58
7	Vernekar S.T., Reddy H., Agarawal, B. & Shaikh, T.N.	Scouring & dyeing effect on yarn.	Indian Textile Journal, Jan. 2000, pg. 38-41
8	Vasavada, D.A. & Kanade, P.S.	Application of scanning electron microscope to textiles.	Textile Industry Journal, May 1999, pg. 40-41
9	Mankodi, H.R.	Quality management by Smart system.	Indian Textile Journal, Oct. 1999

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

Sr. No.	Author(s)	Details of Seminar/Conference	Title of Paper	Published/ Unpublished
<b>Department of Applied Chemistry</b>				
1	Chudasama, U.V., Parikh, H. and Patel, S.M.	“Recent Trends in Catalysis” Indian Institute of Chemical Engineers and Catalysis Society of India (Baroda chapter) C.C.Mehta Auditorium, M.S.University of Baroda. 11-13 Sep. 1999.	Use of Inorganic Ion Exchangers as Eco friendly Solid Acid Catalysts.	Published
2	Chudasama, U.V. & Parikh, A.H.	“International Conference on Chemistry and 36 <sup>th</sup> Annual Convention of chemists” Indian Chemical Society, Calcutta, 11-16 Dec. 1999.	The use of Tin Tungstate as a Solid Acid Catalyst in Some Esterification Reaction.	Published
3	Chudasama, U.V., Sudhakar, P., Parikh, A.H., Patel, J. and Panchal, M.	“National Conference on Industry and Environment” National Foundation for Environment and Pollution Studies, Y.C.College of Science, Karad (Maharashtra) 27-29 Dec. 1999.	Use of Tetravalent Metal Acid Salt in Water Treatment.	Published

**11. Faculty of Technology & Engineering**

4	Chudasama, Uma, V. and Patel, S.M.	National Symposium on Industrial Applications of Near infrared Spectroscopy. Indian Society of Analytical Scientists (Baroda chapter) Hotel Surya Palace, Baroda. 20-29 Feb. 2K.	Near Infra Red Spectroscopic studies on Tin phosphate. Synthesis. Characterisation and ion exchange properties of Tin Tungstate.	Published
5	Chudasama, U. V. and Parikh, A.H.	"Science Industry Interface in the New Millenium" Gujarat Science Congress Faculty of Science, M.S. University of Baroda. 12-13 Feb. 2K	Synthesis and characterisation of derivations of calix(8)arene and Calix(4)arene.	Published
6	Chudasama, U.V.	Eleventh National Symposium Materials Research Society of India (Gujarat chapter), S.P. University, V.V. Nagar, 3-5 Feb. 2K.	"Metal complexes of Azo derivatives of calix(4)arenes.	Published
7	Jejurkar, C.R., Rajput, G.J. and Mehta, C.C.	Fifth International Conference on Calixarene Chemistry Perth, Australia 19-23 Sept. 1999.	Polyurethane Metal Complexes for novel applications.	Published
8	Jejurkar, C.R., Mahajan, R., Nandedkar, H., Vora, A.	"Metal complexes of Azo derivatives of calix(4)arenes: Fifth International Conference on Calixarene chemistry, Perth, Australia, 19-23 Sept. 1999.	Studies on Hydrogels. Living Radical Polymerization of PMMA.	Published
9	Murthy, C.N. and Acharya, V.	9 <sup>th</sup> IUPAC International Symposium on Macromolecular Metal Complexes at Waseda University, Tokyo, Japan. Sept. 5-9, 1999.	Synthesis of New Metallomesogens Containing Ni (II) and Cu (II) atoms.	Published

**Department of Applied Maths**

1	George, R.K.	National Conference on Laspex, Dec. 1999	Prediction of Soil Temperature by using artificial Neural Networks.	Published
2	Pandit, P.	Nonlinear systems & Mathematical Modeling International conference of Mathematical modeling of Nonlinear Systems (ICOMMONS-99), IIT, Kharagpur, 9-11 Dec. 1999	Stability and on controllability of Neural Networks of Hopfield type.	Published

**Department of Applied Mechanics**

1	Patel, N.M., Patodi, S. C. and Suri, Y.P.S.	National Conference on Corrosion Controlled Structures in New Millennium, Organised by the Structural Engineers Association of Mumbai, held at Mumbai, during 19- 20 Dec. 1999.	Use of Stainless Steel Reinforcement in R.C.C. Works	Published
2	Shroff, A. V. and Joshi, N. H.	11 <sup>th</sup> Asian Regional Conference Seoul, Korea, August 23-27, 1999.	"Crack Grouting of a model masonry Dam".	Published
3	Shroff, A. V., Joshi, N.H. and Dave, P.	Int. Conf. On offshore and near shore Geotech Engg. (GEOSHOR), 2-3 Dec., 1999, ONGC, Mumbai.	"Electro-Chemical hardening of clay by sacrificial electrode".	Published
4	Joshi, N. H. and Shroff, A.V.	Indian Geotechnical Conference 99, 17-19 Dec., 1999, Calcutta.	Study of microfine cement/ sodium silicate grouts".	Published
5	Joshi, N.H. and Shroff, A.V.	National Seminar on Civil Engineering as Emerging to next Millenium, 11-12 Dec., 1999. Vadodara.	Microfine cement – A material of 21 <sup>st</sup> Century.	Published
6	Shroff, A. V.	National Seminar on Fly ash organised by DST, New Delhi, Fly ash Mission & IISC, Banglore, Oct. 99.	Fly ash interaction with microfine grouts.	Published
7	Shroff, A. V. and Joshi, N.H.	National Seminar on Geotechnical Aspects of hazardous waste management. Indian Geotechnical Conference – 99, 17-19 Dec., 1999, Calcutta.	Characterisation of fly ash in cement based grouts.	Published

## 11. Faculty of Technology and Engineering

8	Shroff, A.V. and Shah, D. L.	Indian Geotechnical Conference-1999, Vol. I, December, 1999.	Design of subsurface Geodrain for an Automated Industrial Unit – A case study.	Published
9	Shah, D.L.Giri, P. and Pandey, G.	Eleventh Asian Regional Conf. on Soil Mechanics and Geotechnical Engg., Seoul/ Korea, P.519-522,16-20 Aug.99.	Environmental Geotechnical Aspects of stability of waste chalk heap at fertilizer complex. Dynamic response of circular skirted foundation.	Published
<b>Department of Architecture</b>				
1	Shelat, U.	ICOMOS, UN Conference at Bangkok, Thailand, March/98.	'Conserving Rural Thailand, A case study of floating markets in Damnon Saduak'.	Member of ICOMOS, UN Chapter, Bangkok, Thailand.
2	Patel, M.	Vadodara Architecture of 50 years after Independence	Slide show	Participant
3	Brintha Lakshmi, S.	'People of women in Gujarat' organised by WSRCE at Baroda July 27th and 28th, 1998.	'Women and Habitat'	Invited speaker.
<b>Department of Physics</b>				
1	Patel, K., Desai, M. S., Potbhare, V.N., Kota, V.K. B.	Nuclear Physics Dept. Of Atomic Energy, Chandigarh, Dec 1999.	Spacing distribution for interacting bosons.	DAE Symposium on Nuclear Physics, Vol. 42B (1999)
2	Shah, M.D., Purohit, R. U., Shah, A. J., Shah, R. T., Joshi, D. R.	Seminar on Condensed Matter Physics (DRS/ SAP Programme) organised by Dept. Of Physics, Sardar Patel University, Vallabhvidyanagar, Gujarat on 5 - 3 - 2000.	Orientation dependent quench hardness of Sodium Nitrate cleavages.	Unpublished
3	Mairal, A. K. & Murthy, K. V. R.	International Symposium on Luminescence and its Applications (ISLA - 2000) organised by Luminescence Society of India, M. S. University of Baroda and SICART, Vallabhvidyanagar, 7 - 10 Feb, 2000, Baroda	Luminescence and some advances in fluorescent compounds in Textiles	Published
4	Kapoor, J. K. & Murthy, K.V.R.	International Symposium on Luminescence and its Applications (ISLA - 2000) organised by Luminescence Society of India, M. S. University of Baroda and SICART, Vallabhvidyanagar 7 - 10 Feb, 2000, Baroda	Present trends in Lamp Phosphors	Published
5	Chakrabarty, B. S., Murthy, K.V.R. & Joshi, T. R.	Seminar on Condensed Matter Physics (DRS/ SAP Programme) organised by Dept. Of Physics, Sardar Patel University, Vallabhvidyanagar, Gujarat on 5 - 3 - 2000.	Luminescence characteristics of a green emitting phosphor	Published
6	Pratap A., Raval K.G. & Awasthi, A. M.	Tenth International Conference on Rapidly Quenched and Metastable Materials ( RQ '10) organised by Dept. Of Metallurgy, Indian Institute of Sciences, Bangalore from August 23 - 27, 1999	Kinetics of Crystallisation of ternary Titanium based amorphous alloys	Unpublished
7	Tiwari, P., Shrinet, V. & Pratap, A.	Tenth International Workshop on the Physics of Semiconductor devices, organised by SSPL, New Delhi at IITD, New Delhi from Dec 14 - 18, 1999.	Fabrication of Semiconductor based Hydrogen gas sensor	Unpublished

## 11. Faculty of Technology & Engineering

8	Pandey, A., Pratap, A., Bhattacharya, D. & Sharma, R. G.	Sixth International Conference on Materials and Mechanisms of Superconductivity and HIGH Temperature Superconductors, Feb 20 - 25, 2000 at Houston, Texas, USA	Stability of Oxygen in HgO added Y-Ba-Cu-O Superconductor	Published
9	Lad, K.N., Pratap, A. & Voronel, A.	Eleventh AGM of Materials Research Society of India (MRSI) from Feb 3 - 5, 2000 Baroda.	Free Energy of Crystallisation and Glass Transition in Multicomponent Alloys	Unpublished
10	Patil, D., Subramaniam, N., Anand A. & Narayanmurthy, C. S.	XXVI National Symposium of The Optical Society of India on Optics and Optoelectronics, REC Warrangal, Feb 4 - 6, 2000.	Determination of Diffusion co-efficient of a transparent liquid using Michelsons.	Unpublished
11	Narayanmurthy, C. S. & Sirohi, R. S.	XXVI National Symposium of The Optical Society of India on Optics and Optoelectronics, REC Warrangal, Feb 4 - 6, 2000.	Interferometer in Real - Time Coherence Enhancement Observation of Retro-Reflected White Light Using the conceptual arrangement of Michelson Interferometer.	Unpublished
12	Rao, B., Anand, A. & Narayanmurthy, C. S.	XXVI National Symposium of The Optical Society of India on Optics and Optoelectronics, REC Warrangal, Feb 4 - 6, 2000.	Real - Time Photorefractive Holography using a phase conjugate beam	Unpublished
13	Chhaniwal, V., Narayanmurthy, C. S.	XXVI National Symposium of The Optical Society of India on Optics and Optoelectronics, REC Warrangal, Feb 4 - 6, 2000.	Influence of Coherence on Diffraction Efficiency of Photorefractive holograms	Unpublished
14	Panchal, C. J., Jariwala, C. H., Venkatraghavan, R., Shah, A. P., Gokhle, M. R. & Arora, B. M.	XXVI National Symposium of The Optical Society of India on Optics and Optoelectronics, REC Warrangal, Feb 4 - 6, 2000.	Fabrication and Characterisation of Broad area 1.55 um strained	Unpublished
15	Joshi, T.R., Vyas, P.R., Srinivas, M. & Prasad, L.H.H.	Indian Laboratory Grown Virgin Quartz - As High Level Gamma Radiation TL - Dosimeter Material	InGaAsP Double Quantum Well laser diodes	Unpublished
16	Joshi, T. R., Vyas, P. R. & Gandhi, Y. H.	Effect of Pre - Thermal Treatments on the Thermoluminescence of Synthetic Quartz	Indian Laboratory Grown Virgin Quartz - As High Level Gamma Radiation TL - Dosimeter Material	Unpublished
17	Joshi, T.R., Vyas, P.R., Kale, Y. D. & Gandhi, Y.H.	Study of Influence of Different Physical conditions on TL characteristics of Synthetic Quartz	Effect of pre - thermal Treatments on the Thermoluminescence of Synthetic Quartz	Unpublished
			Study of Influence of different Physical conditions on TL characteristics of Synthetic Quartz	Unpublished

### Department of Chemical Engineering

1	Subrahmanyam, N.	Chemcon-99, National Conference of Indian Institute of Chemical Engineers at Chandigarh (20 <sup>th</sup> Dec. 99)	Presidential Address	'Indian Chemical Engineer' Vol. 42, No. 1, Jan.-Mar. 2000. Pg. Nos. 29 to 34
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## 11. Faculty of Technology and Engineering

2	Patil, D., Subrahmanyam, N., Anand, A. & Murthy, C.S.N.	XXVI National Symposium of the Optical Society of India on Optics and Opto-electronic. R.E.C., Warangal, Feb. 4-6, 2000.	'Determination of Diffusion Coefficient of a Transparent Liquid using Michelson's Interferometer in Real-time'	Co-author
<b>Department of Civil Engineering</b>				
1	Sreedhar, A., Bhatt, R. D., Vashi, B. D., Srinivasakumar, R.	National Seminar on Civil Engineering as Emerging to Next Millennium (CEEM 99) 11 – 12 December 1999 Organised by M.S.U. Civil Engineering Alumni Association – Vadodara.	Baroda Bye Pass : Traffic Scenario after a period of 15 years usage.	Published
2	Vashi, B. D., Bhatt, R. D., & Bhatt, H. V.	– do –	A Study of Roadside Interview Data of C. V. Traffic at Fajalpur on Ahmedabad – Vadodara NH.8 link in Gujarat State.	Published
3	Bhatt, R. D., Vashi, B. D.	– do –	Considerations of Toll Fixtures w.r.t. Investment in Road Infrastructure Projects.	Published
4	Vyas, P.D.	– do –	Environment & Ecological Impact on Power Plants.	Published
5	Sutaria, P. N. Patel, A. S.	– do –	Bringing Rivers Back To Life – Case studies of Rivers Arwali and Ruparel in Alwar Dist. Of Rajasthan.	Published
6	Bhatt, N. M.	i. National Seminar on "Air Pollution : Development At What Cost ?" 16 Oct.'99 IAFAPC-IEI, Vadodara. ii. National Seminar on Advanced Technology for Water & Waste Treatment – SVRCET, Surat 11 <sup>th</sup> Dec. 99. iii. National Seminar on Advanced Technology for Water & Waste Treatment – SVRCET, Surat 11 <sup>th</sup> Dec. 99. iv. Fifteenth International Conference on Solid Waste Management, Dec. 12-15, 1999 Philadelphia PA USA. v. National Seminar on Geotechnical Aspects of Hazardous Waste Management for the Next Millennium 11-March 2000 – DDIT – Nadiad. vi. National Seminar on Civil Engg. As Emerging to Next Millenium 11 – 12 Dec. 1999.	Survey of Air Pollutants from Combustion Process of Various Industries. Treatability Studies & Modification in Effluent Treatment Plant Treating Antibiotics and Yeast Waste. ETP Performance of and ABS Pellets Manufacturing Industry. Manure Development from Treatment of Garbage by Earthworms Treatment. Secure Landfill A Method for Sludge Disposal of Small Scale Industrial Estate.	Published Published Published Unpublished Unpublished Published
<b>Department of Electrical Engineering</b>				
1	Joshi, S.K. and Srivastava, S C	23rd National System Conference 9-11 Dec, 1999	Impact of Generator and Facts Devices Rescheduling of Voltage Stability Margin.	Published
<b>Department of Mechanical Engineering</b>				
1	Ekbote, M.A Prabhakaran, P. & Patel, A.A.	Workshop on Thermal Power Plants(28-30 October 1999) VADODARA-Gujarat Organized by the Society of Power Engineers (India) and Central Board of Irrigation & Power, New Delhi.	"Parametric Analysis and Design of Single-Layer Single Shell Target for 380 MW Inertial Confinement Fusion Reactor"	Published

## 11. Faculty of Technology & Engineering

2	Raval, S.R., Khurana, S.C., Pai, K.B.	9 <sup>th</sup> National Convention of Electrochemistry, SAEST, at SURCT, Surat, Nov. 26-27, 1999	Evaluation of the Nature and Quality of Passive Films in ASS by E.C. Tech-Niques	Unpublished
3	Pai, K.B.	9 <sup>th</sup> National Convention of Electrochemistry, SAEST, at SURCT, Surat, Nov. 26-27, 1999	Electroplating Technology for Miniature Multi Layer Ceramic Capacitors	unpublished
4	Raval, S.R.	5 <sup>th</sup> National Convention on Corrosion by NACE, India Section at New Delhi, Nov. 22-24, 1999	Studies on Corrosion behaviour of Titanium – Tantalum alloy in chem environments	Unpublished
5	Virkar, A.Y., Joshi, P.B., Chourasia, N.C	Seminar on Condensed Matter Physics Organised by Dept. of Phy, S.P. University, Vallabh Vidyanagar on Sunday, 5 <sup>th</sup> arch'2000 i. Eleventh Annual Gen.Meeting at Materials Research Society of India held at Baroda on 3-5, February, 2000	Effect of Processing Route on Properties of Electroless Deposited CdS Coatings Some Aspects of Deposition and Characterization of Cd <sub>1-x</sub> Zn <sub>x</sub> S Multi-Component Chalco-genide Films	Unpublished Unpublished
6	Basu, K., Chandra-Sekhar, S., Basa, D.K.	Eleventh Annual Gen.Meeting at Materials Research Society of India held at Baroda on 3-5, February, 2000	A Novel Experimental CVD Setup for Continuous Coating of Indigenous Carbon Fiber in the Form of Tows	Published
7	Basa, D.K.	Symposium on Ceramic Matrix Composite Materials, Dec.'99 Dept.Of Material Science, S.P. University, Vallabh Vidyanagar	Silicon Carbide Coating on Carbon Fibres by CVD Technique	Unpublished
8	Agrawal, S.K.	Foundry Industry in the New Millennium, IIF Ahmedabad, 29 <sup>th</sup> Jan.2000	Necessity of Education in Manufacturing in India	Unpublished
9	Desai, C.F., Chourasia, N.C Dhar, S.N.	10 <sup>th</sup> International Workshop on Physics of Semiconductor Devices Dec.14-18 (1999) New Delhi	Preparation and Study of Optical Properties of BiSbTe3 Thin Films	Published
10	Virkar, A.Y., Chourasia, N.C Joshi, P.B.	11 <sup>th</sup> A.G.M. of Materials Research Society of India (MRSI) Feb. 3-5, 2000 Baroda	Electro-Optical Properties of Electroless CdS Coating	Published
11	Desai, C.F., Chourasia, N.C Dhar, S.N.	11 <sup>th</sup> A.G.M. of Materials Research Society of India (MRSI) Feb. 3-5, 2000 Baroda	Electrical Resistivity of Crystalline BiSbTe3 Thin Films	Published
12	Dhar, S.N., Desai, C.F., Chourasia, N.C	Seminar on Condensed Matter Physics, S.P. University, Physics Dept. Vallabh Vidyanagar, 5 <sup>th</sup> March'2000 (UGC-SAP Programme)	Preparation and Characterization of BiSbTe3 Thin Films	Published
13	Virkar, A.Y., Joshi, P.B., Chourasia, N.C	Seminar on Condensed Matter Physics, S.P. University, Physics Dept. Vallabh Vidyanagar, 5 <sup>th</sup> March'2000 (UGC-SAP Programme)	Effect of Processing Route on Properties of Electroless Deposited CdS Coatings	Published

### Department of Pharmacy

1	Malaviya, N., Misra, A.N.	Indian Pharmaceutical Congress, Indore, Dec.18-20, 1999.	The Effect of Cationic Charge on Vesicular Stability and Drug Retention Stability of Liposomes	Unpublished
2	Maheshkumar, T., Misra, A.N.	____DO____	Improved Oxidized Gaur Gum as Tablet Distegrant	Unpublished

### Department of Textile Chemistry

1	Bhattacharya, S. D., Thakker, J. H., Misra, S. P., Nandy, D.	40 <sup>th</sup> Joint Technological Conference – April – 1999 SITRA.	An Approach to Improve Properties of Polyester Fabric Using NaOH & Accelerator.	Resume published
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## 11. Faculty of Technology and Engineering

2	Mairal, A. K. and Murthy, K. V. R.	International symposium on "Luminescence and its - applications"(ISLA - 2000). 7 - 10, February. 2000 Applied Physics Department, M.S.University of Baroda, SICART sponsored by Department of Science & Technology, Govt. of India and Luminescence, Society of India at Hotel Surya Palace, Sayajigunj, Vadodara.	"Luminescence and some advances in Fluorescent Compounds for Textiles"	Published.
<b>Department of Textile Engineering</b>				
1	Bangalore, V.A.	NCUTE Extension programme on Industrial practice in winding, Oct. 1999, Surat	Winding on Savio FRS Rotor Spinning machine.	Published
2	Bhattacharya, S.S.	NCUTE Extension programme on Manmade Fibres, Sept. 1999, Baroda	Fluid flow of melt spinning.	Published
3	Shah, N.N.	NCUTE Extension programme on Manmade Fibres, Sept. 1999, Baroda	Testing of Filament/ Textured Yarn.	Published
4	Patel, P.C.	NCUTE Extension programme on Manmade Fibres, Sept. 1999, Baroda	Production trends, properties and applications of manmade Fibres.	Published
5	Vernekar, S.T. and Koranne, M.V.	NCUTE Pilot programme on Shuttleless looms, Oct. 1999, IIT- Delhi	Water jet weaving machines	Published
6	Koranne, M.V.	NCUTE Extension programme on Industrial practice in winding, Oct. 1999, Surat	Uniform build up of yarn package : Theory and Practice	Published
<b>WREMI</b>				
1	Patel, A. S., Parthasarathy, G.S.	i. "Civil Engg. As Emerging to Next Millenium" M.S.U. Civil Engg. Alumni Association, Vadodara Dec. 11-12, 1999 ii. "Latest Development in Materials, Equipments and Techniques in Water Resources and Water Supply Sector" Organised by IWWA & IE(I) at Vadodara on Dec 19, 1999	Seasonal Storage in Aquifers Using Aquifer Storage Recovery (ASR) Wells Water Quality Improvement due to Artificial Recharge Structures in Saurashtra Region - A Case Study	Published Published
2	Pradhan, D. N., Modi, P. M., Parthasarathy, G. S.	- Do -	Developing Irrigation Scheduling for Rice Under Tubewell Irrigation in Vadodara & Padra Taluka of Vadodara dist. - Case Study	Published
3	Shete, D. T., Babu, Y. R.	Water for Agriculture in the Next Millenium International Congress on Irrigation and Drainage Granada, Spain, Sept. 11-19, 1999	Effect of Shape Factor and Area of Field on Net Return of Cotton	Published
4	Shete, D. T., Pandey, K. S.	Water for Agriculture in the Next Millenium International Congress on Irrigation and Drainage Granada, Spain, Sept. 11-19, 1999	Computer Aided Design of Micro Irrigation laterals for Row Crops	Published
5	Shete, D. T., Patel, J. S.	Water for Agriculture in the Next Millenium International Congress on Irrigation and Drainage Granada, Spain, Sept. 11-19, 1999	Determining Optimal Crop Geometry of Cotton on Micro Irrigation	Published
6	Shete, D. T., Trivedi, N. M.	Water for Agriculture in the Next Millenium International Congress on Irrigation and Drainage Granada, Spain, Sept. 11-19, 1999	Developing Hypersensitive Conjunctive use Model for Command of Deo Minor	Published
7	Shah, S. C., Patel, H. M.	"Latest Development in Materials, Equipment and Techniques in Water Resources and Water Supply Sector" Indian Water Works Association Vadodara Center, Vadodara, 19 <sup>th</sup> December, 1999	Information Technology in Water Supply Sector	Published

## 11. Faculty of Technology and Engineering

### IV TALKS OF ACADEMIC NATURE IN PROFESSIONAL PROGRAMMES

Sr. No.	Name (s)	Nature of Professional Programmes	Title	Capacity of Participation
<b>Department of Applied Maths</b>				
1.	Pathak, V. D.	i. Workshop of Department of Mathematics, I.I.T. , Bombay, March 2000	Engineering Optimization	Invited Talk
		ii. Workshop of Department of Mathematics, Narmada College of Science & Commerce, Bharuch, June 1999.	Advanced training in Mathematics	Invited Talk
		iii. Annual Conference of Gujarat Ganit Mandal, held at Palanpar, Dec. 1999.	"All pairs Shortest Path algorithm."	Invited Talk
2.	Shah, B. M.	i. Annual Conference of Gujarat Ganit Mandal, at Palanpur, Dec. 1999	On Wavelets	Invited Talk
		ii. International Workshop at Uni. Of Delhi, Aug. 1999.	Wavelets & Applications. Neural Networks and Applications.	Invited Talk
<b>Department of Applied Mechanics</b>				
1.	Shroff, A. V.	i. Workshop of Geotechnique update at IIT, Kanpur, 17 <sup>th</sup> March, 2000.	Recent Innovations in Pressuremeter Measurements.	Invited talks
		ii. Seminar on Ground Improvement, 2 <sup>nd</sup> March, 2000, Tehran Uni., Tehran, Iran.	Various Aspects of Grouting Technology.	Resource person
		iii. National Seminar on Geotechnical Engineering held at Thanjavur, 26 <sup>th</sup> Nov., 1999. Organised by Vikram Cement, at Ahmedabad, 10 Dec. 1999.	Jet Grouting and its Applications.	Invited talk.
2.	Darji, P. V.	i. Institution of Engineers (India) V.V. Nagar, Local Centre, ISTE Students Chapter, Birla Vishwakarma Mahasidy on 15 June 1998.	Central Artery /Tunnel Project of BOSTON, USA.	Invited speaker
		ii. Institution of Engineers (India) Bhaikakabhavan, Law Garden, Ahmedabad, 24 <sup>th</sup> July 1999.	Durability, Repairs and Protection of Concrete Structures.	Invited speaker
		iii. IEI Local Centre V.V. Nagar and ISTE Chapter BVM and Prof. B.M. Jani P.G. Study and DC for Engg. and Tech., S.P. Uni. V.V. Nagar, 11 <sup>th</sup> April 2000.	Durability of Concrete.	Invited speaker
<b>Department of Architecture</b>				
1.	Shelat, U.	i. University of Chiang MAI, Thailand, May'98.	'Architectural Programming'	Visiting Professor
		ii. Chulalong Korn University, Bangkok, Thailand, Aug'98.	'Architectural Psychology'	Guest Lecturer

## 11. Faculty of Technology and Engineering

2.	Navangul, A.	"Architectural Education 2000-2025, Relevance Theme and Directions" Regional seminar organised by CA, AICTE, CEPT and RMA Foundation for Research and Education at CEPT, Ahmedabad, Dec.18-19, 1998.	Status of Arch. Education today	Representative
		D.C.Patel School of Architecture, IED, Vallabhvidyanagar, Feb.5, 12,23,1998.	Architectural Acoustics	Visiting Lecturer
3.	Pathak, D.D.	Department of Mechanical Engineering, In co-ordination with Women's Studies Centre. Old N.C.C. Bldg., Faculty of Home Science compound, M.S.University of Baroda.	"Interior Designing and Architectural Assistantship"	Main speaker.
4.	Lakshmi, B.S.	Talk for visiting American Students at the Department of Architecture on 15th July 1998.	Resettlement of Tribal villages-Sardar Sarovar project.	Speaker
		Talk for students of Junior M.Sc. at the Department of HDFs, Faculty of Home Science in August 1998.	Built Environment and the Elderly.	Speaker.
5.	Mehta, P.J.	Talk given to American Students at the Department of Architecture on 15th July 1998.	'Four Houses and Other Stories -Reinterpreting Traditional Architecture'.	Speaker.
<b>Department of Applied Physics</b>				
1.	Murthy, K. V. R., Nehate, A. K., Joshi, R. V.	International Symposium on Luminescence and its Applications (ISLA - 2000 )	Thermally originated Luminescence in Scolicite ; An approach	Invited Talk
2.	Joshi, T. R.	International Symposium on Luminescence and its Applications (ISLA - 2000 )	Development of some TLD Phosphors	Invited Talk
3.	Dhake, K. P.	Workshop on 'Use of Computers to the Physics Teachers, North Maharashtra University, Jalgaon.	My initiation to Computers	Guest of Honour at the Valedictory function
<b>Department of Civil Engineering</b>				
1.	Bhatt, N. M.	Training Program at Cheminova India Ltd. Panoli – Dist. Bharuch 14 <sup>th</sup> April 1999.	Industrial Pollution Control.	Speaker.
<b>Department of Electrical Engineering</b>				
1.	Gosavi, M.S.	i. Short Term training programme on Biomedical Engg at Nirma Institute of Technology, Ahmedabad. ii. Workshop on Virtual Instrumentation	Blood cell counters & blood gas analyzers Activities in Institute in MSU	Invited Talk Delegate
2.	Patel, S.S.	Workshop during 23-24, Dece-1999	Power Electronics – Drives and Power Supplies	Invited talks.
3.	Chandwani, H.	Workshop during 23-24, Dece-1999	Power Electronics-Drives and Power Supplies	Invited talks.
4.	Joshi, S K.	ISTE short Term Course Recent Trend in Electric Power System 26-Sept to 6-Oct, 1999 held at V V Nagar.	A I Application to power system	Presented lecture of 3 hrs Duration

## 11. Faculty of Technology and Engineering

5.	Nehete, P.P.	ISTE Short Term Course Recent Trend in Electric Power System 26-Sept to 6-Oct, 1999 held at V V Nagar	Microproc based dist relay with MHO chara. Using Harr algorithm -	Presented lecture of 2 hrs duration
6.	Joshi, S. K.	ISTE Short Term Course on Advances in mfg. in Engg organised by Mechanical Engg Dept	1) Neural Network Application, 2) Genetic Algorithm and its Application	Presented lecture of 3 hrs duration
7.	Nehete, P.P.	Workshop on Power System Protection at ERDA, Baroda on 24-25, Feb-2000	1) Feeder Protection – Theory & Applications, 2) Impedance :Protection Theory and Applications -	Presented lecture for one hour duration

### Department of Metallurgical Engineering

1.	Pai, K.B.	Metallurgy for Non Metallurgists, Birla Copper, Dahej, Dec. 8-10, 1999	IIM, Baroda Chapter	Convener and Faculty
2.	Lele, A.B.	Metallurgy for Non Metallurgists, Birla Copper, Dahej, Dec. 8-10, 1999	IIM, Baroda Chapter	Faculty
3.	Patel, M.N.	Metallurgy for Non Metallurgists, Birla Copper, Dahej, Dec. 8-10, 1999	IIM, Baroda Chapter	Faculty
4.	Joshi, P.B.	Metallurgy for Non Metallurgists, Birla Copper, Dahej, Dec. 8-10, 1999	IIM, Baroda Chapter	Faculty
5.	Dutta, S.K.	Metallurgy for Non Metallurgists, Birla Copper, Dahej, Dec. 8-10, 1999	IIM, Baroda Chapter	Faculty
6.	Chauhan, B.J.	Metallurgy for Non Metallurgists, Birla Copper, Dahej, Dec. 8-10, 1999	IIM, Baroda Chapter	Faculty

### Department of Textile Chemistry

1.	Mairal, A. K.	Refreshes – Eng. – 22 course of N.C.C. at 3 up C.T.R., N.C.C., Roorkee from 24.08.99 to 22.09.99	"Role of A. N. O."	Panelist (Panel member)
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### Department of Textile Engineering

1.	Bangalore, V.A.	NCUTE Extension programme on Industrial Practice in Winding, Oct. 1999, Surat	Winding on Savio FRS Rotor Spinning Machine.	Invited to talk
2.	Bhattacharya, S.S.	NCUTE Extension Programme on Manmade Fibres, Sept. 1999, Baroda	Fluid flow of melt spinning.	Published
3.	Shah, N.N.	NCUTE Extension Programme on Manmade Fibres, Sept. 1999, Baroda	Testing of Filament/ Textured yarn.	Published
4.	Patel, P.C.	Workshop/ Summer School at VV Nagar, Oct. 1999	Geo textiles and its prospects in India	Invited to talk

## V CONTRIBUTION TO CONDUCT PROFESSIONAL PROGRAMMES

Sr. No.	Name(s)	Programmes(s), Place and Date	Capacity of Participant
<b>Department of Applied Chemistry</b>			
1.	Chudasama, U.V.	Workshop on Catalysis. Organised by Catalysis Society of India (Vadodara chapter) and Applied Chemistry Dept. Faculty of Tech.&Engg. M.S.University of Baroda, Vadodara. 25 <sup>th</sup> March.2000.	Coordinator
2.	Mahajan, R.	- do -	Participation
3.	Bharambe, D.P.	- do -	Organising committee member

## 11. Faculty of Technology and Engineering

### Department of Applied Maths

- |    |                |   |                                 |
|----|----------------|---|---------------------------------|
| 1. | Vakaskar, D.C. | (i) IIT – Industry Meet, Nov. 20 1999 at IIT, Bombay.   | Invited participant and speaker |
|    |                | (ii) Study Group activity in Industrial Mathematics jointly organized by IMG, IIT (Bombay) and App. Maths. Dept., M.S.University of Baroda, Feb. 19 2000, | Organizing member.              |

### Department of Applied Physics

- |    |                  |  |  |
|----|------------------|--|--|
| 1. | Potbhare, V.N.   | i. Refresher Course, Physics Dept., S. P. University, Vallabhvidyanagar: Dec 27, 1999 to Jan 15, 2000.   | Resource Person                                |
|    |                  | ii. Refresher Course, Physics Dept., Saurashtra University ; Dec 6, 1999 to Dec 26, 1999.  | Resource Person                                |
| 2. | Joshi, T. R.     | International Symposium on Luminescence and its Applications (ISLA - 2000) - organised by Luminescence Society of India, M. S. University of Baroda and SICART, Vallabhvidyanagar 7 - 10 Feb, 2000, Baroda | Chairman, Local                                |
| 3. | Murthy, K. V. R. | i. Revising of the syllabi for the postgraduate courses in Physics at the North Maharashtra University, Jalgaon.   | Organising Committee Convener of the Symposium |
| 4. | Prasad, L. H.    | ii. Framing the syllabus for the course of M. Phil. In Physics at the North Maharashtra University, Jalgaon.   | Coordinator                                    |
| 5. | H., Gandhi, Y.   |  | Joint Secretary                                |
| 6. | H. Dhake, K. P.  |  | Expert   |

### Department of Applied Mechanics

- |    |               |  |   |
|----|---------------|--|---|
| 1. | Patel, N. M.  | i. National Seminar on Civil Engg. As Emerging to Next Millennium held at Vadodara during 11 <sup>th</sup> – 12 <sup>th</sup> Dec. 1999.           | Chairman at a technical session           |
|    |               | ii. A course on Instrumentation for Important Civil Engineering Structures held at Vadodara, during 13 <sup>th</sup> – 14 <sup>th</sup> Aug. 1999. | Chairman at Lecture Session – 2           |
| 2. | Shroff, A. V. | i. Instrumentation for important Civil Engineering structures, 17-18 Aug. 1999 (Training Course), Vadodara.  | Organiser<br>Coordinator                  |
|    |               | ii. Seminar on Geotechnical Aspects of Hazardous Waste Management at DDIT, Nadiad on 11 <sup>th</sup> March 2000.                                  | Vice president - program planning         |
|    |               | iii. National Seminar on Civil Engineering as Emerging to Next Millennium, 11-12 Dec. 1999, MSU, Vadodara.   |   |
| 3. | Joshi, N. H.  | Seminar on Geotechnical Aspects of Hazardous Waste Management at DDIT, Nadiad on 11 <sup>th</sup> March 2000.                                      | Worked as an organising committee member. |

### Department of Architecture

- |    |            |   |                                |
|----|------------|---|--------------------------------|
| 1. | Shelat, U. | (i) KMUTT, Bangkok, Thailand, Jan'98. Organised by SIAM Institute of Architects (SIA), Bangkok, Thailand.         | As a Panalist in the workshop. |
|    |            | (ii) 'Architects and Behavioural Sciences', speaker at the workshop at Chulangkorn University, Bangkok. Thailand. | As a Resource Person.          |
|    |            | (iii) 'Urban Design - Practice and Prospects. , Workshop organised by KATSETSACT university, Bangkok, Thailand.   |                                |

## 11. Faculty of Technology and Engineering

### Department of Civil Engineering

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|----|--------------|--|--|
| 1. | Bhatt, R.D.  | i. National Seminar on "Civil Engineering As Emerging Next Millennium" by MSUCEAA at Baroda on 11 – 12 Dec'99.   | As a Resource Person.  |
|    |              | ii. One day course on "Instrumentation for Important Civil Engg. Structures" by Indian Geotechnical Society & MSUCEAA on 13 <sup>th</sup> Aug'99.            | Organising Secretary.  |
| 2. | Vyas, P.D.   | i. National Seminar on "Civil Engineering As Emerging to Next Millennium" by MSUCEAA at Baroda on 11 – 12 Dec'99.  | Organising Committee Member.                                     |
|    |              | ii. One day course on "Instrumentation for Important Civil Engg. Structures" by Indian Geotechnical Society & MSUCEAA on 13 <sup>th</sup> Aug'99.            | Organising Secretary.  |
| 3. | Bhatt, N. M. | i. Seminar on 'Environmental Technology, Vadodara – 25 <sup>th</sup> Nov. 1999. Organised by British International.  | Organising Committee Member.                                     |
|    |              | ii. Seminar on Latest Development in Materials, Equipments and Techniques in Water Resources and Water Supply Sector. 19 <sup>th</sup> Dec. 1999.            | Participant.   |
|    |              | iii. Seminar on Possible Solution To India's Environmental Problems 9-1-2000, Vadodara.  | Convenor   |
|    |              | iv. 'Air Pollution' Development at What' COST' – Essay Competition – Indian Association For Air Pollution – 5 <sup>th</sup> June 1999 (For College Students) | Chairman – Technical Session – II & Organising Committee member. |

### Department of Computer Science

- |    |              |  |   |
|----|--------------|--|---|
| 1. | Jivani, A.   | 8 months certificate course  | Course Coordinator                            |
| 2. | Parekh, B.S. | Short term courses being conducted by the Dept. Faculty of Tech. Engg., Chemical Auditorium, ISO-9001 workshop was organised along with Electrical Engg. Dept. for 3-days period in Jan.2000 | Organising committee member                   |
| 3. | Patel, H.J.  | Short term courses being conducted by the Dept. Object Oriented Programming in C++ Java Programming  | Course Co-ordinator in all short term courses |
| 4. | Padole, M.   | Short term courses being conducted by the Dept. 8 months certificate course under SSS Scheme   | Faculty in ORACLE course.                     |
| 5. | Mehra, M.    | 8 months certificate course<br>PC Software certificate course  | Course instructor in MS-Excel.                |

### Department of Mechanical Engineering

- |    |  |   |                                  |
|----|--|---|----------------------------------|
| 1. | Karhadkar, G.D., Kamble, L.V.  | Conducted successfully a two week Short Term Training Programme(STTP'-99)funded by I.S.T.E./AICTENew Delhi. Date: 13 <sup>th</sup> December to 25 <sup>th</sup> Dec.'99<br>Topic: Advances in Manufacturing | Co-Ordinator of The S.T.T.P.'-99 |
| 2. | Jain, P.K., Parikh, H.P. Qureshi, A.A. Mistry, J.H. Bhagwanani, A.P. | Advances in Manufacturing STTP-ISTE Winter School.Date: 13 <sup>th</sup> December to 25 <sup>th</sup> Dec'99.   | As a participant                 |

## 11. Faculty of Technology and Engineering

### Department of Metallurgical Engineering

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|----|-----------------|------|---|--|
| 1. | Gadgil, V.L.    | i.   | Annual National Seminar On NDT Voyager in 2000's, Baroda 17-19 Dec.'99  | Delegate and Member Local Advisory Committee.  |
|    |                 | ii.  | Seminar on Sensitization And Intergranular Corrosion of Stainless Steel Baroda 22-8-99                                    | Delegate   |
|    |                 | iii. | 11 <sup>th</sup> AGM of MRSI, 3 <sup>rd</sup> -5 <sup>th</sup> Feb. 2000 Baroda & Vallabh Vidyanagar ISNT, Baroda Chapter | Delegate, Member of Organising Committee acted as one of the judges for the best poster presentation |
| 2. | Pai, K.B.       | i.   | Symposium on Sensitisation and Intergranular Corrosion of Stainless Steel, Baroda, 22 <sup>nd</sup> Aug.'99               | Convener   |
|    |                 | ii.  | Symposium on Special Metals and Alloys in Chemical Industries, Baroda 25-3-2000   | Convener   |
|    |                 | iii. | Symposium on Modern Approaches to Heat Treatment of Metals, Baroda, 6 <sup>th</sup> June'99                               | Convener   |
|    |                 | iv.  | National Symposium on Water and Steam Chemistry In Power Plants and Industry-AI Units, Mumbai, Feb. 23-25, 2000           | Delegate   |
| 3. | Chourasia, N.C. |      | Eleventh Annual General Meeting of MRSI Baroda & Vallabh Vidyanagar, Feb. 3-5 <sup>th</sup> 2000 MRSI Gujarat Chapter     | Delegate & Member of Organising Committee  |
| 4. | Khurana, S.C.   | i.   | Symposium on Modern Approaches to Heat Treatment of Metals, Baroda, 6 <sup>th</sup> June'99                               | Delegate   |
|    |                 | ii.  | IX National Conv. of ElectroChemists on 26-27 <sup>th</sup> Nov.'99 IIM, Baroda Chapter at SVRCET, Surat                  | Delegate   |

### Department of Pharmacy

- |    |              |      |   |  |
|----|--------------|------|---|--|
| 1. | Mishra, S.H. | i.   | Member, Scientific Committee, Indian Pharmaceutical Congress at 17 <sup>th</sup> to 20 <sup>th</sup> Dec.1999 held at Indore (M.P.)   | Member, Scientific Committee                   |
|    |              | ii.  | Programme Coordinator P.C.I. sponsored 2 days Workshop On," Self Improvisation of In service & Community Pharmacists" held at M.S.U., Baroda during 18-19 <sup>th</sup> March 2000. | Programme Coordinator                          |
|    |              | iii. | 4th International Symposium on," Innovation in Pharmaceutical Sciences & Technology" held at PERD Centre, Ahmedabad during 4 <sup>th</sup> -6 <sup>th</sup> Feb.2000.               | Member, Scientific Committee                   |
|    |              | iv.  | P.C.I. sponsored 2 days Workshop On," Self Improvisation of In service & Community Pharmacists" held at M.S.U., Baroda on 18-19 <sup>th</sup> March 2000.                           | Co-Convener of the workshop                    |
|    |              |      | P.C.I. sponsored 2 days Workshop On," Self Improvisation of In-service & Community Pharmacists" held at M.S.U., Baroda on 18-19 <sup>th</sup> March 2000.                           | Chairman in one session & organising committee |

## 11. Faculty of Technology and Engineering

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|----|----------------|---|--|
| 2. | Murthy, R.S.R. | P.C.I. sponsored 2 days Workshop On," Self Improvisation of In-service & Community Pharmacists" held at M.S.U., Baroda on 18-19 <sup>th</sup> March 2000. | Member of Local organising committee             |
| 3. | Misra, A.N.    | P.C.I. sponsored 2 days Workshop On," Self Improvisation of In-service & Community Pharmacists" held at M.S.U., Baroda on 18-19 <sup>th</sup> March 2000. | Member of Local organising committee             |
| 4. | Rajput, S.J.   | P.C.I. sponsored 2 days Workshop On," Self Improvisation of In-service & Community Pharmacists" held at M.S.U., Baroda on 18-19 <sup>th</sup> March 2000. | Member of Local organising committee             |
| 5. | Banerjee, G.   | P.C.I. sponsored 2 days Workshop On," Self Improvisation of In-service & Community Pharmacists" held at M.S.U., Baroda on 18-19 <sup>th</sup> March 2000. | Member of Local organising committee And speaker |
| 6. | Sawant, K.K.   | P.C.I. sponsored 2 days Workshop On," Self Improvisation of In-service & Community Pharmacists" held at M.S.U., Baroda on 18-19 <sup>th</sup> March 2000. | Delegate   |
| 7. | Rathod, S.P.   | XV Annual conference of the Indian Pharmacological Society Gujarat chapter, Ahmedabad. 14 <sup>th</sup> August 1999.                                      | Member of local organising committee             |
| 8. | Mashru, R.C.   | P.C.I. sponsored 2 days Workshop On," Self Improvisation of In-service & Community Pharmacists" held at M.S.U., Baroda                                    |  |

### Department of Textile Chemistry

- |    |            |  |                   |
|----|------------|--|-------------------|
| 1. | Guha, S.B. | Lecture Meeting on "Apparel Fashion Scenario" and "Textile Scenario in Developing Countries, Jointly organize by Alumni Associate of Clothing & Textiles, Department of Textile Chemistry, Textile Engineering and Textile association of (India), Baroda Unit, Tuesday 18 <sup>th</sup> January 2000 at Auditorium, Faculty of Home Science, M.S.U. Vadodara. | Organising member |
|----|------------|--|-------------------|

### Department of Textile Engineering

- |    |                 |  |                                  |
|----|-----------------|--|----------------------------------|
| 1. | Bangalore, V.A. | i. NCUTE Pilot programme on Manmade Fibres at M.S.U., Baroda<br>ii. NCUTE Extension programme on Industrial practices in yarn winding at Surat | Co ordinate NCUTE Representative |
| 2. | Shah, N.N.      | NCUTE Extension programme on Manmade Fibres at M.S.U., Baroda Sept. 99   | Sub-co ordinate                  |
| 3. | Patel, P.C.     | NCUTE Extension programme on Manmade Fibres at M.S.U., Baroda Sept. 99   | Sub-co ordinate                  |

## VI PERFORMANCE BY INDIVIDUAL/GROUP

Sr. No.	Name(s)	Place and Date(s)	Nature of Performance
<b>Department of Applied Mathematics</b>			
1.	Shah, B.M.	Visited I.I.T., Bombay from 3 <sup>rd</sup> May, 99 to 9 <sup>th</sup> May, 99.	Discussed Problems on Signal processing using Wavelet Transform in Electrical Dept. (I.I.T., Powai) with Prof. U. B. Desai
<b>Department of Pharmacy</b>			
2.	Murthy, R.S.R.	51 <sup>st</sup> Indian Pharmaceutical Congress at Indore	Member of Scientific Services Committee

**11. Faculty of Technology and Engineering**

**VII STATE/NATIONAL/INTERNATIONAL AWARDS AND DISTINCTION OF ACADEMIC NATURE**

Sr. No.	Recipient	Description of Award	Contribution Made by Recipient
<b>Department of Applied Chemistry</b>			
1.	Chudasama, U.V. and Parikh, A.H.	Second prize (Rs.500/- cash + certificate) awarded by Gujarat Science Academy at the Gujarat Science Congress held at Faculty of Science, M.S.University of Baroda. 12-13 Feb.2K.	Presented research paper entitled,"Synthesis; Characterisation and in-exchange Properties of Tin Tungstate".
2.	Chudasma, U.V.	Visited the State university of New York (SUNNY) at Buffalo under the auspices of the exchange programme between SUNNY, Buffalo and M.S.University of Baroda	worked in the chemistry Department on synthesis phosphonates and their ability to nucleate mineral phases of some calcium salts.
<b>Department of Applied Physics</b>			
1.	Pratap, A.	INSA Visiting Fellowship to work at National Physical Laboratory (NPL), New Delhi	Work report entitled " Studies of Thermal stability of Oxygen in HgO added Y- Ba - Cu - O Super-Conductor" submitted to Indian National Science Academy (INSA), New Delhi
2.	Panchal, C. J.	INSA Visiting Fellowship at Tata Institute of Fundamental Research(TIFR), Mumbai	Fabrication and characterisation of broad area 1.55 um strained InGaAsP double quantum well laser diodes
<b>Department of Civil Engineering</b>			
1.	Vyas, P.D.	Award & Certificates of Appreciation of Commendable Activities to ISTE Student Chapter by ISTE Guj. Section on 4/12/99.	As a Faculty Advisor for ISTE Student Chapter.
2.	Bhatt, N.M.	i. External Audit System of Seven districts of Gujarat Awarded by Gujarat High Court – 13/8/1998. ii. Internal Audit System for Industries of Gujarat under Schedule I & II 29/12/1999 – Awarded by Gujarat High Court. iii. Expert for Public Hearing for Environmental Clearance (required under Act)	221 reports have been evaluated and scrutinized, Audit is going on. Audit of Industries going on. i. Prepared reports for three industries new project IPCL, IOC, Rubamin April 1999) ii. Indian Oil Corporation Ltd. 500 MW Thermal Power Station Vadodara Tena – Tal. Savli Dist. Vadodara – Dec. 1999.
<b>Department of Electrical Engineering</b>			
1.	Joshi, S.K.	Best Paper presentation award in technical session Power and Energy at 23rd National System Conference at IT BHEL	Presented the paper

## 11. Faculty of Technology and Engineering

### VIII VISITING FACULTY

Sr.No.	Name, Designation and Full Address	Date	Funding Agency	Title
1.	Prof. T.R. Anantharaman, Ex-Director Institute of Technology B.H.U.	12.8.1999	-	Metallurgical Marvels of Ancient India
	-do-	13.8.1999	-	Ancient Yoga and Modern Science

### IX. Faculty Programmes of Academic Significance

Seminar on NEW IT Trends with special reference to "Microsoft Certification and its advantage" – 19<sup>th</sup> March, 2000 for all Students of Faculty. Classic Restaurant, Fatehgunj, Vadodara : Speaker - Dr. Madhu Mehta.

### X Activities and Achievements

#### (A) Students

	Name	Department	State/National/Inter-national	Name of Achievement
1.	Harsha T & Bhatt R.	Mechanical Engg.	National Level Technical Symposium at Sardar Vallabhbhai Regional College of Engg. & Tech., Surat	Impact Paper Presentation – 1 <sup>st</sup> Prize
2.	Parikh P. J. & Parikh D. G	Mechanical Engg.	National Level Technical Symposium at Birla Institute of Tech. & Science, Pilani, Rajasthan	Mechanical Engg. – 1 <sup>st</sup> Prize
3.	Chhag T. & Sangani H.	Metallurgical Engg.	National Level Students Seminar at REC, Rourkela	Renewable sources of energy – 1 <sup>st</sup> Prize
4.	Garge S. & Muley S.	Metallurgical Engg.	-do -	Ceramics in Newer Applications – 2 <sup>nd</sup> Prize
5.	Sant S. & Rahul Kumar	Metallurgical Engg.	-do-	Aerospace Applications of Composite Materials – 2 <sup>nd</sup> Prize
6.	Sheth A. & Verma P.	Textile Engg.	National level Symposium at Jaya Engg. College , Chennai	Texvolution 2000 – 1 <sup>st</sup> Prize
7.	Nitin Arora	Chemical Engg.	National level "Chemiquette Paper Presentation" in REC, Surat	Solid & Hazardous Waste Disposal – 1 <sup>st</sup> Prize

### XI Important Events/Activities

#### Motivational Tour/Lecture 12<sup>th</sup> Nov.99

Tour of final year students was organized to Air Force Station and Harni Airport to provide an opportunity to gain first hand knowledge of equipment and facilities at Air force Station for prospective career makers in IAF.



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## Faculty of Law



Faculty of Law



## 12. Faculty of Law

### I PUBLISHED ARTICLES / PAPERS IN JOURNAL

Sr. No.	Author (s)	Title	Details of Publication
1	Syed, M.	1. Is Muslim Personal Law Susceptible to Modern World Reforms?	Andhra Legal Decisions, 1999 (3), ALD
		2. Is Child Labour a Necessary Evil?	Kurukshetra University Law, Journal, 1999.
		3. Evolution of Civil Liberties in India : A Historical Analysis.	Andhra Weekly Reporter, May 1999.
		4. International Human Rights : Its Influence on Indian Judiciary.	Supreme Court Journal, Aug. (4), 1999.
		5. Environmental Consumerism : A Legal Perspective A Case Study.	Deccan, Journal of Law, Sept. 1999.
		6. Article 21; and Right to Pollution Free Environment; A Human Right Approach.	1999 (9), ALD.
		7. Dearth in AIDs Legislation in India Vis-à-vis Judicial Activism.	All India Reporter, 1999.
		8. Rights of Maintenance of Muslim Divorced Wife: A Mirage in Desert.	1999 (6) ALD.
2	Devi, H. & Syed, M.	Statutory Dearth in Inter-Country Adoptions.	Andhra University, Law Journal, 1999.
3	Syed, M. & Vijaya Sekhar R.D.	The Right to Work : A Hard Reality.	Deccan Law Journal, March 1999.
4	Rao, J. M. & Rao, T. R.	1. Sociology of Law.	SBRM Journal of Law, Mysore (1999).
		2. Environmental Pollution and Law Global Perspective.	ISIL, New Delhi, (Oct. 1999).
		3. Air Pollution and the Law – SAARC Countries.	Seminar Proceedings (Nov. 1999).
		4. Environment for Sustainable Development – SAARC Profile.	Seminar volume (Jan. 2000).
		5. Judicial Activism in Environmental Law.	CEERA News NLSIU (Feb. 2000).

### II 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
1	Syed, M.	1. Challenges Before Women in the 21 <sup>st</sup> Century, UGC Sponsored National Seminar, SPN University, Tirupati.	Dearth in AIDs Legislation in India – Vis-à-vis Judicial Activism.	Published
		2. The Review of the Indian Constitution, organized by Dept. of Law, S. V. University, Tirupati, 28 <sup>th</sup> March 2000.		
2	Rao, T.R.	1. SAARC/Hyderabad Region, October 1999.	Air Pollution and the Law – SAARC Countries.	Published

**12. Faculty of Law**

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|----|--|---|------------------|
| 2. | Andhra University, Visakhapatnam, Dec. 1999.                     | Environment – Human Rights & Law          | Unpub-<br>lished |
| 3. | Environmental Society (South), Hyderabad, Dec. 1999.             | Wildlife Protection Law – Indian Context. | Published.       |
| 4. | Dept. of Sociology, Andhra University, Visakhapatnam, Jan. 2000. | Marriage, Family & the Law – A Critique.  | Published.       |

**III CONTRIBUTION TO CONDUCT PROFESSIONAL PROGRAMMES**

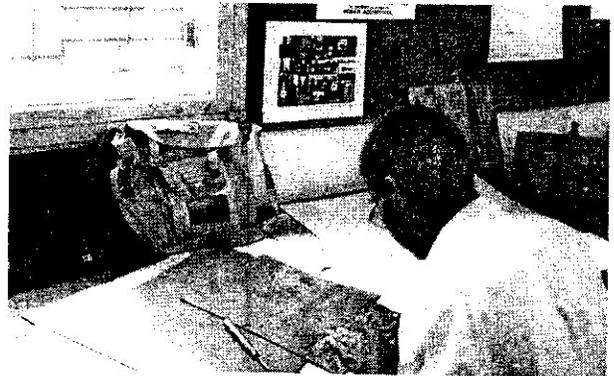
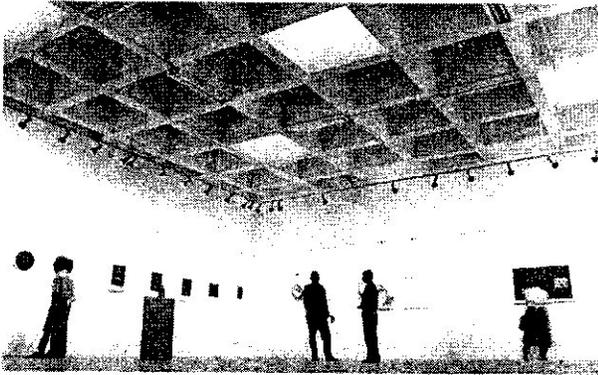
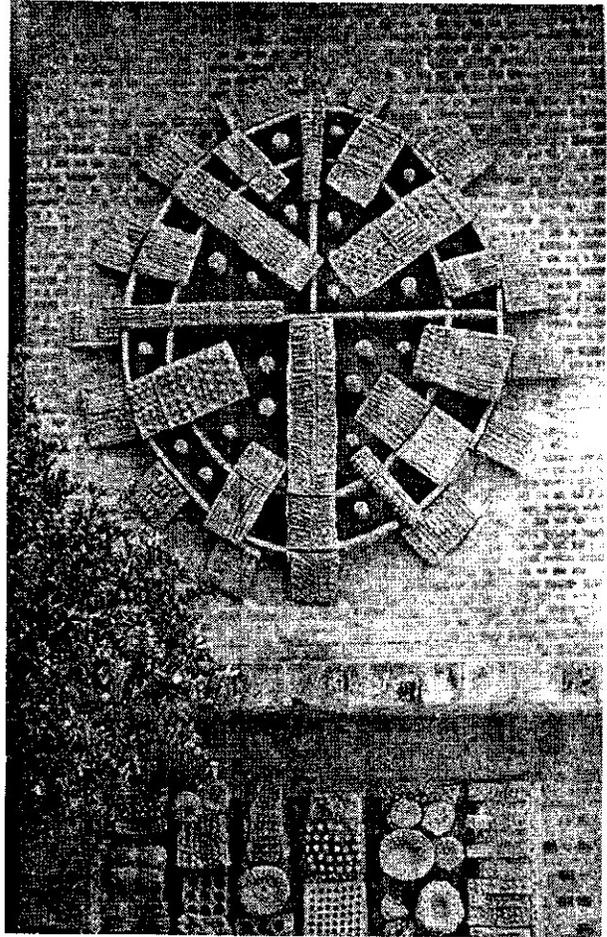
Sr. No.	Name (s)	Programme (s), Place and Date (s)	Capacity of Participation
	Syed, M.	Rehabilitation of evacuees in Sri Sailam Project, Kurnool, Sept./Oct. 1999	Academic Member of "District Legal Aid and Advice Committee"



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## Faculty of Fine Arts



Faculty of Fine Arts

## 13. Faculty of Fine Arts

### I (A) PUBLISHED BOOKS (B) MONOGRAPHS (C) EDITED VOLUMES

Sr. No.	Author(s)	Title	Details of publication
<b>Department of Art History &amp; Aesthetics</b>			
	Panikkar, S.K.	Creative Process (Monograph)	Guild, Bombay, April, 1999. 87 pages, 42 Colour Illustrations.
<b>Department of Museology</b>			
1	Jain, S. (Ed.)	Annual Journal 'Studies in Museology', vol. 32, 1999	Department of Museology, M. S. University
2	Shah, N. R. & Arya Arun	Studies on Some Bio-deteriogens	Bhartiya Kala Prakashan, New Delhi, 2000. 220 pages, 30 colour plates & 22 figures

### II PUBLISHED ARTICLES / PAPERS IN JOURNAL

Sr. No.	Author (s)	Title	Details of publication
<b>Department of Clothing and Textile</b>			
1	Panikkar, S.K.	Nestling A Home Away from Home, Painting of Ratan Parimoo	'Ceaseless Creativity: Painting, Prints & Drawings of Ratan Parimoo'.Ed. Gouri Parimoo Krishna, Singapore, January, 1999, pp.6-11.
2	Shete Vaijayanti. D.	'Draupadi Svayamvara' A Study (Gujarati)	'Svadhya'—Journal of Oriental Institute, M.S.U., Baroda Vol.34, Parts I-IV, June 1999 Ff: 165-168 [Special issue on Contribution of Gujarat to Rupaka literature]
<b>Department of Museology</b>			
1	Jain, S.	Understanding Museum Consumers	Studies in Museology, Vol. 32, 1999, pp.6-23.
2	Shah, N.R.	1. Influence of Different Temperatures on Fungi 2. Vegetational Growth on Monuments: Some New Reports from Hajira 3. Biodegradation of Different Papers by Cochliobolus and Penicillium	Advances in Plant Science Research in India, vol. IX-X, 1999, International Book Distributors, Dehradun Studies in Museology, Vol. 32, 1999. Conservation of Cultural Property in India, New Delhi, vol.31, 1999

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

Sr. No.	Author(s)	Details of Seminar/Conference	Title of Paper	Published/ Unpublished
<b>Department of Clothing and Textile</b>				
1	Vaijayanti Shete	1. National seminar on "Technology & Sciences through ages in ancient India"; organised by Vedavijnana Mandal, Pune. 12, 13 June 1999, in Pune	"Awareness about the Fire-Proofing Technique"	Unpublished

**13. Faculty of Fine Arts**

	2. U.G.C. National seminar on "Nagara Rachanayam Vastushastram" organised by Baroda Sanskrit Mahavidyalaya on 17-19 Feb 2000; Baroda	Textural observations on Garden (vatika)	Unpublished
	3. Departmental seminar on "Medieval Aspects and Concepts" dt. 24-26 January, 2000; in the Department of Art History & Aesthetics, Faculty of Fine Arts, Baroda.	'Medieval Concepts Undergoing through the Texts'	Unpublished
2	Shah, N.R.	'Conservation of Decorative Arts', IASC & Salarjung Museum, New Delhi, 22-25 January, 2000	Fungal Biodeteriogens in Museums: Strategies for Control Unpublished

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

Sr. No.	Name (s)	Nature of Professional Programmes*	Title	Capacity of Participation
<b>Department of Art History &amp; Aesthetics</b>				
1	Mukherji, P.	1. Advance Management Programme, October 4, 1999, Railway Staff College, Baroda	"Gender Sensitization"	Speaker
		2. SPARROW (Sound & Picture Archives for Research on Women) sponsored workshop on An Introduction to Women in Indian History & Culture for Undergraduate students of the State University of New York at Oswego, on June 16, 1999 at YWCA, Mumbai	"Women Artists in Contemporary Indian Art"	Speaker
<b>Department of Museology</b>				
	Shah, N.R.	Organised by 'Granth Goshti', Sardar Bhavan, Baroda	'Review of the book by the late Prof. R. N. Mehta on <i>Sangrahalaya Vidya</i> '	Speaker

**V CONTRIBUTION TO CONDUCT PROFESSIONAL PROGRAMMES**

Sr. No.	Name (s)	Programme (s), Place and date (s)	Capacity of Participation
<b>Department of Applied Arts</b>			
1	Shah, K.R. & Departmental Staff	1. A workshop –"Poster Designs for Kargil", 8-14 August, 1999 a workshop for SSPA (Sardar Sarover Punarvasahat Agency) which involved designing posters, hoardings, slogans, advertisements etc., to promote pro-Narmada concept , 20-31 October, 1999	Guide
		2. a workshop on "Public Awareness Campaign" to create awareness in the mass about social concerns, 5 January-29 February, 2000	"
<b>Department of Art History &amp; Aesthetics</b>			
1	Mukherji, P.	Orientation Course in Women's Studies, Women's Studies Research Centre (W.S.R.C.), M.S.U., January 27, 1999	Panelist
2	Panikkar, S.K.	I.F.A. sponsored Project of the Artist, Navjot Altaf, who collaborated with five Adivasi artists from Bastar, M.P. It entailed travelling to Ajanta, Ellora and Aurangabad caves in mid April, 2000 and to Bastar, Bhopal Museum, Matnar, Bhimbhedka, Sanchi, Udaygiri, Vidisha Museum, National Museum and Crafts Museum, New Delhi during last week of October, 1999 and also lecturing to these artists.	A resource Person

**13. Faculty of Fine Arts**

**Department of Graphics**

Bagodi, N. G.	<ol style="list-style-type: none"> <li>1. 'Nature-Art' Camp, Thekkady, Kerala, organised by the Kerala State Forest and Wildlife Department, Periyar, November, 1999</li> <li>2. CHAAP, an Etching workshop, organised by Artists' Printmaking Cooperative, Baroda, January, 2000</li> </ol>	Participant
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**Department of Painting**

1 Dhumal, R. P.	Visiting Professor at Sarojini Devi School of Fine Arts, Hyderabad, 15-24 January, 1999	Visiting Professor
2 Nair, S.	'Print 2000', Silk Screen workshop with seven young artists, organised by "Portfolio", an Artists' Group, Baroda, January, 2000	Participant
3 Roy, I.	CHAAP, an Etching workshop, organised by Artists' Printmaking Cooperative, Baroda, January, 2000	Participant
4 Suresh, B.V.	Art Camp for Conservation of Forest and Wildlife, Thekkadi, Periyar, Kerala, 28 October -4 November, 2000	Participant
5 Vasudevan, A.	CHAAP, an Etching workshop, organised by Artists' Printmaking Cooperative, Baroda, January, 2000	Participant

**Department of Sculpture**

1 Arora, K.	Summer Workshop, British School, New Delhi, 10-11 June, 2000	Participant
2 Bhatt, J. J.	Ash Glaze Workshop, Pondicherry, January 3-16, 2000	Participant
3 Mistry, D. P.	<ol style="list-style-type: none"> <li>1. 3-16 April, International Symposium, Sculpture Dance, Ram Chhatpar Shilpnyas, India and Frierbaum, Austria at Varanasi, 1999</li> <li>2. 11-18 April, Khajuraho Millennium: International Workshop on Architecture and Sculpture, 1999</li> </ol>	Participant

**VI PERFORMANCES BY INDIVIDUAL / GROUP**

Sr. No.	Name(s)	Place and Date(s)	Nature of Performance
<b>Department of Applied Arts</b>			
1	Mandey, P.Y.	"Naviakhi", Charcoal Landscapes, The Art Core Gallery, Baroda, February, 2000	One Person Exhibition
2	Parikh, K.J.	'Paintings and Graphics', Exhibition hall, Faculty of Fine Arts, MSU, December, 1999.	"
3	Shah, K.R. & Departmental Staff	<ol style="list-style-type: none"> <li>1. The SSPA (Sardar Sarover Punarvasahat Agency) assigned work – posters, hoardings, slogans, and advertisements was exhibited in Ahmedabad on the 125<sup>th</sup> birth anniversary of Shri Sardar Vallabhbhai Patel, October, 1999</li> <li>2. Guided an Advertising campaign under MOU with MSU and SSPA to promote pro-Narmada concept</li> </ol>	Group Show  Group Show (Design/ Commissions)
<b>Department of Museology</b>			
Departmental Activity	Exhibition of 'Calenders', 10-12 September, 1999 Exhibition of 'Inkpots' & 'Wild Life' Photographs, 1-12 January, 2000 Exhibition on 'Sayajirao III', 11-19 March, 2000		

**13. Faculty of Fine Arts**

**Department of Graphics**

- |   |               |   |   |
|---|---------------|---|---|
| 1 | Bagodi, N. G. | 1. 'Nature-Art ' Camp exhibition, Kumbli,, Kerala, November, 1999<br>2. 'The Miniature Format', Art exhibition, Sumukha Gallery, organised by the Sarnyojitha Group of Contemporary artists, Bangalore, December, 1999 –January, 2000.<br>3. Group exhibition, , M.E.C. Gallery, New Delhi., 2000 | Group Show<br>"<br>Group Show, curated by Mukesh Sharma<br>Group Show |
| 2 | Reddy, J. G.  | 'The Miniature Format', Art exhibition, Sumukha Gallery, organised by the Samyojitha Group of Contemporary artists, Bangalore, December, 1999 – January, 2000   | Group Show  |

**Department of Painting**

- |   |                   |   |   |
|---|-------------------|---|---|
| 1 | Dhumal, R. P.     | 1. 'Recent Glass Works' at Apparao Gallery, Madras, December, 1998<br>2. Sakshi Gallery, Mumbai, September, 1999<br>National Institute of Design, Ahmedabad, October, 1999<br>3. Edge of the Century Exhibition, New Delhi, January, 1999<br>4. Vishva Bango Millenium Exhibition, Calcutta, December, 1999 – January 2000  | One Person Show<br>"<br>Group Show<br>"   |
| 2 | Nair, S.          | 1. 'Edge of the Century', Vadehra Gallery, New Delhi, January, 1999<br>2. 'Creative Process', Guild Art Gallery, Mumbai, April, 1999<br>3. 'Legatee', The Baroda School Fine Art Co. Gallery, Mumbai, August, 1999<br>4. 'Still Lives', An Exhibition of water colours, Son Et Lumiere, Mumbai, January, 2000<br>5. 'National Exhibition of Art', Jaipur and New Delhi, 1999-2000 | The 'Edge of the Century' Catalogue, edited and curated by Amit Mukhopadhyaya<br>The 'Creative Process' Catalogue, edited and curated by Shivaji Panikkar, published by the Guild Art Gallery<br>Group Show<br>"<br>"     |
| 3 | Rathwakoli, N. A. | 1. Gujarat State Lalit Kala Exhibition, Ahmedabad, 2000 'Still Lives' An Exhibition, Son Et Lumiere, Mumbai, February, 2000<br>2. 'Legatee', The Baroda School Fine Art Co., Mumbai, August, 1999   | "<br>"  |
| 4 | Roy, I.           | 1. 'Icons of the Millenium', Lakeeren Gallery, Mumbai, September- October, 1999<br>2. 'All India Miniature Format Show', Sumukha Gallery, Bangalore, December, 1999 – January, 2000<br>3. 'Prabaha III', Bishwa Banga Millenium Exhibition, Academy of Fine Arts, Calcutta, December 1999-January, 2000   | The "'Icons of the Millenium' Catalogue, page 24, critic: Ranjit Hoskote, Mumbai, September, 1999<br>Group Show<br>The "'Prabaha III' Catalogue, by Bishwa Banga Millenium Exhibition Committee, Calcutta, December, 1999 |

**13. Faculty of Fine Arts**

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|--------------------------------|---------------|--|--|
| 5                              | Suresh, B. V. | <ol style="list-style-type: none"> <li>1. 'Still Lives', Son Et Lumiere, Mumbai, January, 2000</li> <li>2. 'Embarkations', Sakshi Gallery, Mumbai, January, 2000</li> <li>3. 'Legatee', The Baroda School Fine Arts Co., Mumbai, August, 1999</li> </ol>   | <p>Group Show<br/>                     The**'Embarkations' Catalogue, page 28 ; critic: Sudhir Patwardhan and Yashodhara Dalmia, Mumbai, January, 2000<br/>                     Group Show</p>   |
| 6                              | Vasudevan, A. | <ol style="list-style-type: none"> <li>1. 'Water Mark', Jehangir Art Gallery, Mumbai, December, 1999</li> <li>2. 'Embarkations', Sakshi Gallery, Mumbai, January, 2000</li> <li>3. 'Icons of the Millenium', Lakeeren Gallery, Mumbai, September- October, 1999</li> <li>4. 'Asian Art Biennale', Dhaka, Bangladesh, November, 1999</li> <li>5. Legatee', The Baroda School of Fine Art Co., Mumbai, August, 1999</li> <li>6. 'Embarkations', Sakshi Gallery, Mumbai, January, 2000</li> <li>7. 'All India Miniature Format Show', Sumukha Gallery, Bangalore, October 1999- January 2000</li> <li>8. 'Still Life', Son Et Lumiere, Mumbai, January, 2000</li> </ol> | <p>The**'Water Mark' Catalogue, Critic: Ranjit Hoskote, January, 2000, Page 10<br/>                     The**'Embarkation' Catalogue, Writer: Sudhir Patwardhan, January, 2000, Page 54<br/>                     Group Show<br/>                     Asian Art Biennale Catalogue, Dhaka, Bangladesh.<br/>                     Group Show<br/>                     'Embarkations', Writers: Yashodhara Dalmia &amp; Sudhir Patwardhan; Page 57<br/>                     Group Show<br/>                     Group Show</p> |
| <b>Department of Sculpture</b> |               |  |  |
| 1                              | Arora, K.     | <ol style="list-style-type: none"> <li>1. Annual Exhibition, Kerala Lalit Kala Akademi, 1999.</li> <li>2. 2000 Youth Art Exhibition organised by Commissionerate of Youth Service &amp; Cultural Activities of Gujarat and Jaipur, 2000.</li> <li>3. Gujarat State Lalit Kala Akademi Exhibition, Ahmedabad, 2000</li> <li>4. 'Where Art and Justice Unite', Art and Industry Building, Amherst, Massachusetts, USA, 1999</li> </ol>   | <p>Group Show<br/>                     Group Show<br/>                     Group Show<br/>                     One Person Show</p>   |
| 2                              | Bhatt, J.J.   | <ol style="list-style-type: none"> <li>1. 'Animal Show', Apparao Gallery, Triveni Kala Sangam, New Delhi, December, 1999</li> <li>2. 'Traditions and Innovations', A Gallery, New York, USA, April-May, 1999</li> </ol>  | <p>Group Show<br/>                     Group Show<br/>                     'International News, Metro Moods', Art India, July-September issue, 1999, page 19, Mumbai<br/>                     "Novel Media", Lavina Melwani, India Today, North American Special, 24 May, 1999 issue, page 28, New York, USA<br/>                     Group Show</p>   |
| 3                              | Mistry, D.P.  | <ol style="list-style-type: none"> <li>1. 'Animals of the Earth', Apparao Gallery, New Delhi, December, 1999</li> <li>2. 'Mumbai Potter's Tea Party', Tea Pot Show, NGMA, Mumbai, February, 2000</li> <li>3. 'Prints 1988-98' Gallery Espace, New Delhi, March, 1999</li> <li>4. 'Leaves from Ire', Limerick City Gallery of Art, Limerick, Ireland, February, 2000</li> </ol>   | <p>Group Show<br/>                     Group Show<br/>                     'Mumbai Potters Tea Party', Introduction by Geoffrey Chaucer and Anjali Khanna, NGMA, Mumbai, February, 2000<br/>                     One Person Show</p>   |

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| 5. Sculpture at Goodwood, Open air sculpture park, Goodwood, UK, 1999                        | Dhruva Mistry, 'Prints 1988-1998', Introduction by Pramod Roy, Gallery Espace, New Delhi, 1999 (16 pages and 6 Reproductions).<br>One Person Show  |
| 6. Sculpture-Dance, International Symposium, ABC Art Gallery, Varanasi                       | Group Show   |
| 'Absolute Secret', Royal College of Art, London  | Group Show   |
| 'Drawing and Models', Hertogenbosch, Noorbrabants Museum, Holland                            | Group Show   |
| 'Embarkations', The Millennium Show, Sakshi Gallery, Mumbai, 1999                            | Group Show   |
| 'Bronze', An Exhibition of Contemporary British Sculpture, Holland Park, March, London, 2000 | Group Show *'Embarkations', The Millennium Show, Curated by Yashodhara Dalmia, Mumbai<br>Group Show<br>*'Asian Collection 50', From the Collection of Fukuoka Asian Art Museum, Introduction by Ushiroshoji Masahiro, Fukuoka Art Museum, Japan, page 30<br>Home Page, Fukuoka Asian Art Museum, 1999<br><a href="http://www.faam.city.fukuoka.jp">www.faam.city.fukuoka.jp</a><br>*Madhu Jain, 'Cutting Edge', The Arts, India Today, March 29, New Delhi, pg. 80-81<br>*Sharmila Sagara, 'Shades of Reality', Indian Architect and Builder, Mumbai, May, Vol.12, page 124-127<br>Meridian Live, BBC Arts, World Service, 23 December, London (5 minutes) |

### VII STATE/NATIONAL/INTERNATIONAL AWARDS AND DISTINCTIONS OF ACADEMIC NATURE

Sr. No.	Recipient/Teacher/ Student	Description of Award	Contribution Made by Recipient
<b>Department of Graphics/Teacher</b>			
	Bagodi, N. G.	"The President of India's Silver Plaque", 71 <sup>st</sup> Annual All India Art Exhibition Part I (Printmaking), AIFACS Gallery, New Delhi.	for the Best Print of the Year 2000

### VIII CONTRIBUTION TO PRIVATE / PUBLIC COLLECTION

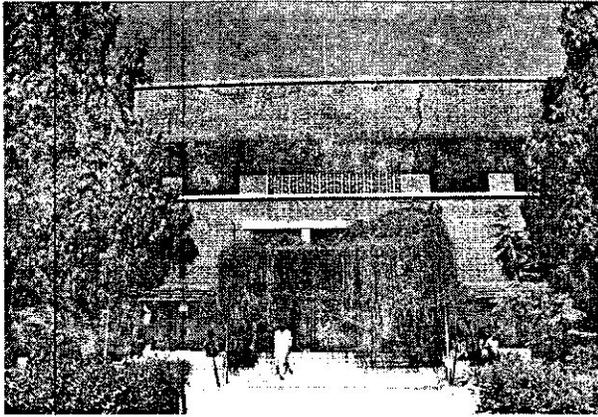
Sr. No.	Name	Collection
<b>Department of Painting</b>		
1	Roy, I.	Gujarat Industries Power Co. Ltd., Baroda
2	Suresh, B.V.	1. Fine Arts Resources, Mumbai 2. Synergy Foundation, Mumbai
3	Vasudevan, A.	Gujarat Industries Power Co. Ltd., Baroda
<b>Department of Sculpture</b>		
1	Mistry, D. P.	National Gallery of Modern Art, New Delhi



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## Faculty of Home Science



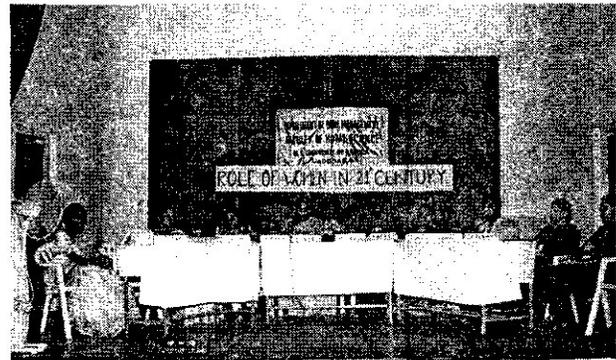
The Faculty of Home Science



Fashion Show "Creation 2000" on 25th March 2000.  
Clothing & Textile Department.



Play enacted by Ph. D. students of  
Food and Nutrition Department.



Symposium on Role of women in 21st Century,  
14th March 2000, Department of Home Management.



Creative Drama : The Chetan Balwadi Experience,  
Dept. of Human Development & Family Studies.



Human Rights Exhibition on 23rd Oct. 1999, by  
Department of Extension & Communication

## 14. Faculty of Home Science

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

Sr. No.	Author(s)	Title	Details of publication
<b>Department of Clothing and Textile</b>			
1	Bhatia, R.N & Arora, C.	Introduction to Clothing and Textiles	Copyright Authors, September 1999, Pages 64
<b>Department of Foods and Nutrition</b>			
1	Mani, U.V., Iyer, U.M., Mehan, M.	Departmental Studies on Hypertension	Department of Foods and Nutrition, Faculty of Home Science, 1999, Pages 100
2	Mehan, M.	Dietary Management of Hypertension with Emphasis on the Role of Dietary Calcium, Potassium and Magnesium. Annual Report	Department of Foods and Nutrition, Faculty of Home Science, March 2000, Pages 39
3	Mehta, P.M. & Sheth, M. K.	Reaching the Unreached. (References and Selected Abstracts of Indian Studies on Human Geriatric Nutrition).	Department of Foods and Nutrition, M.S. University of Baroda, 1999, Pages 54
4	Mehta, P.M.	Diet, Nutrition and Health Profile of Elderly Population of Urban Baroda In : Nutrition and Ageing Ed. Kalyan Bagchi and Seema Puri	Gerontological Society of India and Helpage India, New Delhi, 1999, Pages 10
5	Seshadri, S., Sheth, M.K., Sharma, S. & Patel, J.	Hazard Analysis and critical Control points of Weaning Foods	Department of Foods and Nutrition, M.S. University of Baroda, May 1999, Pages 35
6	Seshadri, S., Budhwarkar, S., Campbell, S. & Save, D.	Non-Cognitive Barriers to Compliance with Iron Supplements in the Programme Situation	Department of Foods and Nutrition, M.S. University of Baroda, 2000, Pages 29
<b>Department of Human Development and Family Studies</b>			
1	Amin, S.N., Mohite, P.D., Shastri, J.A. & Shah, H.T.	Growing and Learning : The Preschool years.	Bal Shikshan Samiti Trust, Vadodara, 1999, Pages 118
2	Bhargava, S. & Jasrai, S.	Art activities for young children	M.S. University Press. April 1999, Pages 24
3	Kapadia, S., and Saraswathi, T.S. (Eds.)	Theory, Research, Practice. The Feedback Loop	UGC/DSA, M.S. University, January 2000, Pages 35
4	Mallya, I., Pant, P., Dhar, H. & Mankodi, D.	Children and their Rights	Child Rights Forum, Vadodara UNICEF, Gandhinagar, January 2000, Pages 16
5	Mallya, I.P., Shukla, S., Jasrai, S. & Joshi, A.	'Little Mothers Need Help' A Child to child module for paraprofessionals	M.S. University Press, April 1999, Pages 31
6	Mohite, P.D.	"Status of ICDS in Three Districts of Gujarat	GCERT, Gandhinagar, Gujarat, August 1999, Pages 33
7	Mohite, P.D. & Desai, D.D.	"Evaluation of MLL in Two Districts of Gujarat"	Educational Consultants India Ltd., New Delhi. August 1999, Pages 83
8	Saraswathi, T.S. (Ed.)	Culture, Socialization and Human Development : Theory, Research and Application.	Sage, New Delhi 1999, Pages 438

**14. Faculty of Home Science**

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|----|--------------------------------------|---|---|
| 9  | Sriram, R. & Jindal, G.              | Techniques for Monitoring and Evaluation of Trainees in Field work: A guideline for supervisors | UGC/DSA program, Department of HDFS, Faculty of Home Science, M.S. University of Baroda, May 1999, Pages 38                 |
| 10 | Sriram, R., Kapadia, S., Joshi, A.   | All that you wanted to know about Field work : A practical guide                                | Department of Human Development, M.S. University of Baroda, May 1999, Pages 45  |
| 11 | Sriram, R., Sandhu, K., & Shukla, A. | Capacity building for organization of Day care : A project report                               | Department of Human Development and Family Studies, Faculty of Home Science, M.S. University of Baroda, July 1999, Pages 26 |
| 12 | Yadla, V. & Jasrai, S.               | Home Science Reference book for UGC National Eligibility Test JRF/ Lecturership                 | Kalyani Publishers Ludhiana, 2000, Pages 102  |

**II PUBLISHED ARTICLES / PAPERS IN JOURNAL**

Sr. No.	Author (s)	Title	Details of publication
<b>Department of Clothing and Textile</b>			
1	B. Balakrishnaiah, & Bishnoi, K.	Effect of Chemical Pretreatment on the colour yield of Pigment printed fabrics.	Colourage, Vol 44 , No.6, June 1999
2	Karolia, A. H. & Shetty, V.	'Evaluation of Resin finished cotton Banana union fabric using kawabata system'	Journal of Textile Association, Vol 60 No.2, August 1999, pp . 91-99
3	Karolia, A. H. & Raval, P.	'Pigment Printing of Cotton Banana and jute fabrics with addition of silicone softner'	Journal of Textile Association, Vol 60 No.5, January – February 2000. pp 241-244
4	Phadke, S. M. & Arora	"New Approach to weaving fabrics, Banana Fibers"	Indian Textile Journal, Vol 160 , No.10, July 1999 , pp . 66- 70
<b>Department of Foods and Nutrition</b>			
1	Chakraborty, B.K., Mehta, P., Sheth, M., Kausar, P., Munshi, R. & Sharma, M.	Development of quick cooking dal powders from selected legumes	Applied Nutrition, Vol 23, No.2, 1999 pp 1-10
2	Iyer, U.M., Ahmed, S. & Mani, U.V.	Glycemic and lipemic responses of selected spirulina supplemented rice based recipes in normal subjects.	International Journal of Diabetes in Developing Countries, Vol.19, 1999,pp.17-25
3	Kanani, S.J. & Poojara, R.	Supplementation with iron and folic acid enhances growth in adolescent Indian girls	Journal of Nutrition Vol 130, No. 2, 2000, pp 452S-455S
4	Kapil, U., Dwivedi, S. N. & Seshadri, S.	Validation of spot testing Kits in the assessment of Iodine Content of Salt : A Multicentric study.	Indian Pediatrics Vol 27 , 2000, pp 182-186
5	Sheth, M.K. & Prabhala, V.	Sodium and potassium contents of the Condiments and Spices, Nuts and Oil Seeds and Selected processed foods	Proceedings of 87 <sup>th</sup> Session of Indian Science Congress, January 2000, pp 186
<b>Department of Human Development and Family Studies</b>			
1.	Goel, D.R., Goel, C.D. & Jasrai, S.Y.	Strategies for Bridging Home Language and School Language	Perspectives In Education, Vol 16 Special Issue February, 2000, pp 128-136
2.	Jasrai, S.Y. & Goel, C.D.	Process Oriented evaluation : Tools and Techniques	The Progress of Education, Vol 74, No.1, August, 1999, pp 20-21
3.	Oke, M., Khattar, A., Pant, P., & Saraswathi, T.S.	Profile of Children's Play in Urban India.	Childhood, Vol 6, No.2, June 1999, pp 207-219

**14. Faculty of Home Science**

**Department of Home Management**

- |    |                                   |   |   |
|----|-----------------------------------|---|---|
| 1  | Dass, A.V, Mehta, M.A & Mehta, S. | A Study of Buying Process undergone by Families for the Purchase of an Automatic Washing Machine. | Home Science Education- Vision 2020, Souvenir, XXIII Biennial Conference of Home Science Association of India, 17-19 November 1999, pp 27 (Abstract)  |
| 2  | Gandotra, V.S. & Divetia, A.      | Systems Approach to Buying of Refrigerator.   | Home Science Education- Vision 2020, Souvenir, XXIII Biennial Conference of Home Science Association of India, 17-19 November 1999, pp 45 (Abstract)  |
| 3  | Gandotra, V. S. & Hansoti, S.     | Frequency and use of Convenience foods.   | Home Science Education- Vision 2020, Souvenir, XXIII Biennial Conference of Home Science Association of India, 17-19 November 1999, pp 45 (Abstract)  |
| 4  | Gandotra, V.S.                    | Strategies for Development of Women.  | Proceeding of Indian Science Congress, 3-7 January 2000(Abstract)   |
| 5  | Gandotra, V.S. & Jaiswal, N.S.    | Women's Right's- An Indian Perspective.   | Proceedings of International Conference on Educational Management, Technology and Values, Rajasthan Council of Educational Administration and Management, Udaipur, 10-12 December 1999, pp 56-57 (Abstract) |
| 6  | Gandotra, V. S.                   | A Study of micro environment in Household Kitchen in India  | ARAHE'99 Proceedings of the 10 <sup>th</sup> Biennial International Congress of the Asian Regional Association for Home Economics, 16-19 August 1999  |
| 7  | Gandotra, V.S. & Patel, S.J.      | A Study of Micro- Environment in Household Kitchens in India.                                     | Proceedings of International Conference on Educational Management, Technology and Values, Rajasthan Council of Educational Administration and Management, Udaipur 10-12 December 1999, pp 46-47 (Abstract)  |
| 8  | George, R. & Jaju, N.             | Existing Lighting Conditions in Residential Kitchens-Case Study of Baroda City.                   | PRAKASH 1999 Proceedings of the International Conference and Exhibition on Lighting Technology, Vol. 1, 29 October-3 November 1999, pp 110-123  |
| 9  | George, R. & Trivedi, M.          | Impact of Advertisement cum Experience on Consumer's Choice.                                      | ARAHE'99 Proceedings of the 10 <sup>th</sup> Biennial International Congress of the Asian Regional Association for Home Economics, 16-19 August 1999, pp 50-51  |
| 10 | George, R. & Datte, V.            | Economic Empowerment of Urban Women through Institutional Credit.                                 | ARAHE'99 Proceedings of the 10 <sup>th</sup> Biennial International Congress of the Asian Regional Association for Home Economics, 16-19 August 1999, pp 74-75  |

**14. Faculty of Home Science**

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| 11 George, R., Yadla, V.L & Marina, Z.               | An Education Package for Scientific Empowerment of Women in the Area of Domestic Cooking.  | ARAHE'99 Proceedings of the 10 <sup>th</sup> Biennial International Congress of the Asian Regional Association for Home Economics, 16 –19 August 1999, pp 164-165 |
|  | Impact of Energy Education Software on Rural Women.  | Solar 99, Annual Conference Proceedings of the American Solar Energy Society, July 1999   |
| 12 George, R.  | Issue and Challenges Facing a TBSU.  | Urja Patra, Vol 1, Issue 1, January-June 1999, pp 28-34   |
|  | Popularisation of Science among Rural Women- An Innovative Communication Package.  | Home Science Education- Vision 2020, Souvenir, XXIII Biennial Conference of Home Science Association of India, 17-19 November 1999 pp 11 (Abstract)               |
| 13 George, R., Yadla, V.L , Marina, Z. & Jaiswal, M. | Field Testing an Education Software on Biomass Energy Conservation in Domestic Cooking.  | Renewable Energy 1999, Collection of Papers, Proceedings of ANERT National Conference, 1999, pp 139-144   |
| 14 George, R., Joshi, K. & Jaiswal, M.               | Fuel Conservation Potential of Selected Improved Cook Stoves.  | Home Science Education- Vision 2020, Souvenir, XXIII Biennial Conference of Home Science Association of India, 17-19, November 1999 pp 11 (Abstract)              |
| 15 Jaiswal, N.S. & Ogale, N.                         | Motivation Profile of Women Entrepreneurs  | Home Science Education- Vision 2020, Souvenir, XXIII Biennial Conference of Home Science Association of India, 17-19 November 1999.                               |
|  | Entrepreneurship: Its Impact on Women and Quality of Life of the Family.   | Monograph titled "Women's Work Participation: Its Impact on Quality of Life of Family", March 2000.   |
| 16 Mehta, M.A. & Dass, A.V.                          | Improvement in Economic Status of Families of Women Trained in Income Generating Activities by the Voluntary Organization.                                   | Monograph entitled "Women's Work Participation: Its Impact on Quality of Life" March 2000.  |
| 17 Mehta, M. A.                                      | A Study of Change in Economic Status of Families of Women Trained in Selected Income Generating Activities by 3 Voluntary Organisation in the City of Baroda | Monograph entitled "Women's Work Participation: Its Impact on Quality of Life", March 2000.   |
| 18 Patel, S.J.                                       | Quality of Air in Household Kitchens in Vadodara City.   | Home Science Education- Vision 2020, Souvenir, XXIII Biennial Conference of Home Science Association of India, 17-19 November 1999                                |
| 19 Shukul, M.  | Health Management in Families  | Monograph entitled "Women's Work Participation: Its Impact on Quality of Life of Family", March 2000.   |
| 20 Telaprola, N. & George, R.                        | Impact of Social Support on Stress Experienced by Career Women in Dual Families  | Home Science Education- Vision 2020, Souvenir, XXIII Biennial Conference of Home Science Association of India, 17-19 November 1999(Abstract)                      |

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**Department of Home Science Extension And Communication**

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|---|--------------|--|--|
| 1 | Joshi, U. G. | A Strategy for Environment Education - Vital for sustainable development.                          | Proceedings of National conference on Dimensions on Environment stress in India. Department of Geology, Faculty of Science, M.S. University, Baroda, December 1999. pp 155-160 |
| 2 | Mehta, N.U.  | Harness - Mass media for Adult Education. Familial Interventions in Interpreting Media Influences. | Social Welfare, Vol 46, No.7 October 1999, pp 37-39  |
| 3 | Pandya, R.M. | Higher Education for girls : Myths and Realities.  | University News, Vol. 37 No. 30, August 1999 pp 1-5  |

**Women's Studies Research Center**

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|---|---------------|---|--|
| 1 | Manjrekar, N. | Through the looking glass: Gender socialisation in a primary school | The Educational Review, Vol 105, No.11, November 1999 PP.(191-194) |
|---|---------------|---|--|

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

Sr. No.	Author(s)	Details of Seminar/Conference	Title of Paper	Published/ Unpublished
<b>Department of Clothing and Textile</b>				
1	Pandya, A.D. and Khani, S.	"Home Science Education: Vision 2020" organised by Home Science Association of India , Ludhiana from November 17-19, 1999	"Sujani" A woven quilt of Gujarat.	Abstract published
2	Patel, B. S. & Munjal, R.	"Home Science Education: Vision 2020" organised by Home Science Association of India , Ludhiana from November 17-19, 1999	'A Study on Market trends in Children's Wear'	Abstract published
3	Phadke, S. M.	'Home Science Education: Vision 2020' XII Biennial Conference organised by Home Science Association of India Ludhiana from November 17-19, 1999	Concurrent session 'Presentation of research paper.	Abstract published
<b>Department of Clothing and Textile</b>				
1	Deshmukh, S., Desai, S., Iyer, U.M. & Mani U.V.	International Conference on Heart and Health in Developing Countries, All India Institute of Medical Sciences (AIIMS), New Delhi, October 10-14, 1999	Prevalence of obesity in an Industrial set-up	Unpublished
2	Deshmukh, S., Iyer, U., Mani, I. and Mani, U.V.	XXXII Annual Convention of Indian Dietetic Association, Delhi Chapter, All India Institute of Medical Sciences (AIIMS), New Delhi, October 14-15, 1999	Beneficial role of traditionally consumed Indian foods in the management of chronic degenerative diseases	Abstract published
3	Iyer, U.M., Chauhan, D.I. & Mani, U.V.	VI Annual Conference of the Indian Society for Parenteral and Enteral Nutrition (ISPEN), Centre for Research on Nutrition Support Systems, Nutrition Foundation of India Bldg., New Delhi, March 14-15, 2000	Effect of cereal pulse enteral feed in the management of critically ill patients	Abstract published
4	Kanani, S.J.	State Level Advocacy Workshop on Reproductive and Child Health Program organized by Indian Institute of Management, Ahmedabad, May 14-15, 1999	Reproductive child health and nutrition : A focus on indicators	Unpublished
5	Labhe, R., Jain, S., Iyer, U. & Mani, U.V.	Nutrition Society of India, XXXII Annual Meeting, Coimbatore, November 25-26, 1999	Therapeutic role of spirulina in the management of bronchial asthma	Abstract published

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6	Mani, U.V., Iyer, U.M., Chauhan, D., Merwaha, B., Mehra, S. & Mehta, S.	XXXII Annual Convention of Indian Dietetic Association, Delhi Chapter, All India Institute of Medical Sciences (AIIMS), New Delhi, October 14-15, 1999.	Beneficial role of traditionally consumed Indian foods in the management of chronic degenerative diseases	Abstract published.	
7	Mani, U.V., Desai, S.A., Deshmukh, S.M. & Iyer, U.M.	7 <sup>th</sup> World Congress on Clinical Nutrition, National Science Centre, Pragati Maidan, New Delhi, October 14-17, 1999.	Situational analysis of lipid profile on an industrial setup in Baroda.	Abstract published	
8	Mehta, P.M.	National Seminar on Ageing, Nutrition and Health, Department of Foods and Nutrition, Faculty of Home Science, M.S. University of Baroda, Baroda, October 8-9, 1999	Diet and disease profile of elderly population in Baroda	Unpublished	
9	Seshadri, S.	Micronutrients, Maternal and Child Health, Indo-European Symposium, All India Institute of Medical Sciences, Goa, April 24-28, 1999	Prevalence of micro-nutrient deficiencies in pregnant women in developing countries	Unpublished	
			Research Update in Public Health Nutrition in South East Asia. WHO, South East Asia Regional Research Network, Bangkok, Thailand, June 1-5, 1999.	Food sanitation and hygiene with reference to complementary foods and HACCP	Unpublished
			International Heart-Health Conference, All India Institute of Medical Sciences, New Delhi, October 9-13, 1999.	i) Dietary antioxidants - Is there a role for coronary prevention? ii) Current concepts in obesity iii) Food policy in India and its implications for coronary prevention	Unpublished
			Science and Technology in India in the next Millennium. Indian Science Congress, Pune, February 3-8, 2000.	Nutritional challenges in the new millennium	Unpublished
			Maternal and Child Health and Nutrition, Indo-US Workshop, Indian Council of Medical Research and National Institute of Nutrition, Hyderabad, February 10-12, 2000.	Role of specific micro-nutrients, in adverse birth outcomes	Unpublished
<b>Department of Human Development and Family Studies</b>					
1	Bhargava, S.V.	National conference on "The Child in the New Millennium". Social-psychological perspectives. Organized by the Department of Applied Psychology, University of Delhi, South Campus. 8 - 9 December, 1999	"Children with special needs"	Unpublished	
2	Dave, P.B.	National Conference on Aging, Nutrition and Health, Department of Foods and Nutrition, M.S. University of Baroda. 9 October, 1999	Psycho-Social Profile of the Elderly Population of Urban Baroda	Unpublished	
3	Jasrai, S. & Joshi, A.	National seminar on Developmental communication in India. Challenges and Issues. Department of HSEC, M.S. University. 27 - 29 January, 2000	Working with rural people: our experiences	Unpublished	
4	Mallya, I.	National conference on "The Child in the New Millennium". Socio-psychological perspectives. Organized by the Department of Applied Psychology, University of Delhi, South Campus, New Delhi, 8 - 9 December 1999.	"So near yet so far!" Children in special circumstances	Unpublished	

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5	Pant, P.	National conference on "The Child in the new millenium : Socio-Psychological perspectives" Organized by the Department of Applied Psychology, University of Delhi, South Campus, New Delhi, 8 - 9 December, 1999	Profile of Children's play in Urban India	Published
6	Sriram, R.	Cost Benefit Analysis in Early Childhood programmes, M.S. Swaminathan Research Foundation, Chennai , 30 September to 1 October, 1999.	Impact of child care programs on working women : Identifying indicators	Published
		Training of Trainees in Gender Sensitive family counselling organised by Tata Institute of Social Sciences, Navsari , 11 - 28 October, 1999	(1) Fathering and its implications on marital relationships (2) Parent Adolescent conflicts: Strategies of Resolution	Unpublished
7	Saraswathi, T.S.	Adolescence in the 21 <sup>st</sup> Century, Study Group Meeting, Washington 18-20 February, 2000.	Adolescence in India : A contextual analysis	Unpublished
<b>Department of Home Management</b>				
1	George, R. & Jaju, N.	PRAKASH 1999 International Conference on Lighting Technology, Indian Society of Lighting Engineers, New Delhi, 29 -31 Oct 1999	Existing Lighting Conditions in Residential Kitchens-Case study of Baroda City.	Published
2	George, R. & Trivedi, M.	ARAHE'99 10 <sup>th</sup> Biennial International Congress of the Asian Regional Association for Home Economics, Pacifico Yokohama , Japan 16-19 August 1999	Impact of Advertisement cum Experience on Consumer's Choice.	Published
3	George, R. & Datte, V.	ARAHE'99 10 <sup>th</sup> Biennial International Congress of the Asian Regional Association for Home Economics, Pacifico Yokohama , Japan 16 -19 August 1999	Economic Empowerment of Urban Women through Institutional Credit.	Published
4	George, R., Yadla, V.L. & Marina, Z.	ARAHE'99 10 <sup>th</sup> Biennial International Congress of the Asian Regional Association for Home Economics, Pacifico Yokohama , Japan 16 -19 August 1999	An Education Package for Scientific Empowerment of Women in the Area of Domestic Cooking.	Published
5	George, R., Yadla, V.L. & Marina, Z.	Solar 99, Growing the Market, American Solar Energy Society, Portland, Maine, USA, 14-16 June 1999	Impact of Energy Education Software on Rural Women	Published
6	George, R., Yadla, V.L , Marina, Z. & Jaiswal, M.	Renewable Energy, 1999 Agency for Non conventional Energy Resources and Technology, Thiruvananthpuram, 11-13 February 1999.	Field Testing an Education Software on Biomass Energy Conservation in Domestic Cooking.	Published
7	George, R., Joshi, K. & Jaiswal, M.	Home Science Education- Vision 2020, XXIII Biennial Conference of Home Science Association of India, Ludhiana, 17-19 November 1999.	Fuel Conservation Potential of Selected Improved Cook Stoves.	Published
8	George, R.	XXIII Indian Social Science Congress, Coimbatore, 26 -31 December 1999.	Popularisation of Science among Rural Women- An Innovative Communication Package.	Published
9	Gandotra, V.S. & Patel, S.J.	ARAHE'99 10 <sup>th</sup> Biennial International Congress of the Asian Regional Association for Home Economics Pacifico Yokohama , Japan 16-19 August 1999	A study of Micro-Environment in Household Kitchen in India.	Published

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10	Jaiswal, N.S.	International Conference on Educational Management, Technology and Values, Rajasthan Council of Educational Administration and Management, Udaipur, 10-12 December 1999.	Women Right's- An Indian Perspective	Published
11	Shukul, M.	International Conference on Educational Management, Technology and Values, Rajasthan Council of Educational Administration and Management, Udaipur, 10-12 December 1999.	Health Management in Families.	Published
12	Telaprola, N. & George, R.	Home Science Education- Vision 2020 , XXIII Biennial Conference of Home Science Association of India, Ludhiana, 17-19 November 1999	Impact of Social Support on Stress Experienced by Career Women in Dual Families	Published
<b>Department of Home Science Extension and Communication</b>				
1	Mehta, N.U.	Quality of Life : Traditions, and Innovations Asian Regional Association for Home Economics and Japan Society of Home Economics, Yokohama, Japan. 16 - 19 August 1999	Strategies for Home Scientist in promoting Environmental sensitization for sustainable development.	Published (Abstract)
2	Paralikar, K.R	A National Seminar on : Developmental Communication - Challenges and Issues Department of Home Science Extension and Communication, Faculty of Home Science. 27-29 January 2000.	Participatory Communication for Development	Published
3	Joshi, U. G. & Pahad, A.H.	Women and Environment organized by -Faculty of Social work, 3 - 4 December 1999.	Communication 'strategy for Educating Women about environment pollution.	Published
		Training programme for primary school teachers at District Institute of Educational Technology, Baroda. 5 <sup>th</sup> March 2000.	Educational Video Script Writing	Unpublished
	Patil, A. S.	National Seminar on developmental communication in India - Challenges and Issues. Department of Home Science Extension and Communication, Faculty of Home Science. 27 - 29 January 2000.	Utility of Television and Farm Literature by Tribal farmers.	Unpublished
	Pahad, A.H.	Home Science Biennial Conference at Ludhiana, 18 - 20 November 1999.	Women in Distance Education	Published in Conference Proceedings (Abstract)
4	Patil, A.S.	National Seminar on Developmental Communication in India- Challenges and Issues.	Utility of Television and Farm Literature by Tribal Farmers	Unpublished
<b>Womens Studies Research Center</b>				
1	Kanani, S.	Seminar on Importance of Training in the field of Health and Development for Ensuring Quality Services. May 1999	Participatory Training for Improving Quality of Health Care-A Means to an End.	Unpublished
2	Kotecha, P.V. & Kanani, S.	Indian Dietetics Association 32 <sup>nd</sup> Annual Convention, New Delhi. October 1999.	Gender Difference in Prevalence of Malnutrition in Children 0-59 Months of Age in Urban Slums of Baroda, India : Reality or Illusion.	Unpublished

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3	Manjrekar, N. & Shah, T.	IXth Conference of the Indian Association Women's Studies, Hyderabad, January 2000	Power and rape: Contours of a Struggle	Unpublished
4	Zakia Firdaus	Fourth International Workshop in Canadian Studies, Vadodara, 18-29 February 2000	Search for the Self : Beatrice Culleton's <i>In Search of April Raintree</i>	Unpublished

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

Sr. No.	Name (s)	Nature of Professional Programmes	Title	Capacity of Participation
<b>Department of Clothing and Textile</b>				
1	Balakrishnaiah, B., Karolia, A. H. & Patel, B. S.	"Workshop on "A note on infusion of Environmental perspective in Rural Higher Education Institute Curricula" organised by CEE Ahmedabad at Faculty of Home Science, M. S. University, Vadodara, 26 Nov 1999	Clothing and Textile Industry and Environment	Resource Persons
2	Kacker, R. A.	Workshop on "Indian Traditional Embroideries' under Inter Disciplinary Forum, Campus Diversity Initiative programme, M.S. University, Vadodara, 14-16 Feb.2000	"Marketing Strategies"	Resource Person
<b>Department of Foods and Nutrition</b>				
1	Ankleshwaria, N.T.	Workshop on Enterpreneurship Development in Plastic Packaging for Foods held by GIRDA, January 5, 2000	Food additives	Resource Person
2	Agarwal, V.S.	Training Programme of WHO Fellows from Nepal at the Department of Foods and Nutrition, Faculty of Home Science, M.S. University, Vadodara, 7 December 1999	Qualitative methods in nutrition interventions - Nutrition communication and Use of computers to analyze qualitative data	Resource Person
3	Chauhan, K.B.	Enterpreneurship Development Training Programme, Gujarat Industrial Research and Development Agency (GIRDA) and Department of Foods and Nutrition, M.S. University of Baroda, Vadodara, December 21, 1999 to January 22, 2000	Food analysis and composition of food	Resource Person
4	Mani, U.V.	National Conference on Ageing, Nutrition and Health, Department of Foods and Nutrition, M.S. University of Baroda, Vadodara, October 8-9, 1999	Prevalence of chronic degenerative diseases in elderly	Invited Speaker
5	Mehta, P.M.	Seminar on Ahar Avum Aushadha, organized by Indian Diabetes Association (Baroda Chapter) and Longia Food Products, October 24, 1999	Balanced diet in normal adults	Invited Speaker
		Seminar on Women's Profile organized by Women's Study Research Centre, Campus Diversity Programme, M.S. University of Baroda, Vadodara, July 27-28, 1999	Nutrition and health profile of elderly women (55-70 years) in Gujarat	Resource Person
		Seminar on Planning on Retirement, organized by Retired Pensioners' Forum, Baroda, April 24, 1999	Nutrition during old age	Invited Speaker

**14. Faculty of Home Science**

6	Mehan, M.	Technical Capacity Building Workshop for Field Implementors, CARE-India Headquarters, New Delhi, August 1999	Nutrition for mother and children	Facilitator and Organizer
7	Nambiar, V.S.	Training Programme of World Health Organization Fellows from Nepal at the Department of Foods and Nutrition, Faculty of Home Science, M.S. University, Baroda, 7 December 1999	Vitamin A deficiency - A food-based approach for prevention	Resource Person
8	Saiyed, F.L.	Training Programme of WHO Fellows from Nepal at the Department of Foods and Nutrition, Faculty of Home Science, M.S. University, Baroda, December 1999	Malnutrition in children under 3 and programmes to reduce malnutrition and Micronutrient rich weaning foods - Demonstrations	Invited Speaker
		Role of Therapeutic Nutrition in the Development of Infant at Killol, Department of Human Development and Family Studies, M.S. University, Baroda, 8 April 1999	Panel discussion on parent support for infant stimulation	Panelist
9	Sharma, K.S.	Training Programme of WHO Fellows from Nepal at the Department of Foods and Nutrition, Faculty of Home Science, M.S. University, Baroda, December 1999	Nutritional anemia and its control	Resource Person
10	Sheth, M.K.	National Conference on Ageing, Nutrition and Health, Department of Foods and Nutrition, Faculty of Home Science, M.S. University of Baroda, Baroda, 8 - 9 October 1999	Diet for the aged	Panel Member
		Training Programme of W H O Fellows from Nepal at the Department of Foods and Nutrition, Faculty of Home Science, M.S. University, Baroda, 2 December 1999	Weaning food safety issues	Resource Person
		Training Programme jointly organized by the CEC (Ahmedabad) and the TBS Unit of Department of Home Management, Faculty of Home Science, M.S. University, Baroda for the students of Nardipur village, 26 November 1999	Food and environment	Resource Person
11	Tuteja, S.K.	Enterpreneurship Development Training Programme sponsored by Ministry of Food Processing organized by GIRDA and Department of Foods and Nutrition, M.S. University of Baroda, December 22, 1999	Current scenario and scope of food processing industry in the state	Invited Speaker
		Workshop on TQM Systems, organized by All India Food Processors' Association, co-sponsored by Ministry of Food Processing, Govt. of India, March 2000	Vocational programme in food science and quality control, University-Industry interaction	Invited Speaker

**Department of Human Development and Family Studies**

1	Kapadia, S.	Workshop on Curriculum Development in Women's Studies 30 July, 1999, Baroda	Development of Curriculum on Gender and Health : The Commonwealth Experience	Resource Person
2	Mohite, P.D.	Panel Discussion Organized by Indian Association for Preschool Education, (IAPE), Baroda branch on "Vision of children beyond 24-25 March, 2000".	Vision of Children Beyond 2000	Panel Member

**14. Faculty of Home Science**

	Workshop on Early Childhood Development organized by World Bank, New Delhi, February, 2000.	Workshop on Early Childhood Development	Resource Person
3	Mallya, I. Orientation workshop for children on Child Rights. Organized by UNICEF, Gandhinagar and Baroda Citizens Council, Vadodara, 28-29 November, 1999	Child Rights	Resource Person
	Workshop for NGO Forum. Organized by UNICEF, Gandhinagar and Baroda Citizens Council and Child Right Forum, Baroda 28 January, 2000.	Role of NGO forum in promoting child rights	Resource Person
	UGC sponsored <u>refresher course</u> for teachers in all disciplines in Colleges and Department of Saurashtra, Bhavnagar, North Gujarat Uni., organized by Saurashtra Academic Staff College, Rajkot, 15 -16 February, 2000	1) Children in difficult circumstances 2) Children and their rights	Resource Person
4	Saraswathi, T.S. University of Brunei Daresallam Department of Psychology, 23 November, 1999. Saginaw Valley University, Michigan, 25 February, 2000.	Adolescence from a Global perspective Cross Cultural Perspectives on Adolescence	Resource Person
5	Sriram, R. National Level <u>Refresher Course</u> , Academic Staff College Saurashtra University, Gujarat (For Lecturers) 7- 8 February, 2000 National Level <u>Refresher Course</u> , Academic Staff College Saurashtra University, Gujarat (For Lecturers) 7- 8 February, 2000	Understanding " <u>Family Issues</u> " in cross cultural perspective Designing practicum for developing sensitivity to Human Development Issues	Resource Person Resource Person

**Department of Home Management**

1	Jaiswal, N.S. Personality Development Programme for 150 poor and unemployed women and young girls organised by Shramik Vidyapith, Vadodara, 27 October 1999	Budget and Savings	Resource Person
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**Department of Home Science Extension and Communication**

1	Mehta, N.U. State Level Seminar on 'Women and Environment' , Faculty of Home Science, M.S.University, Baroda., 4 December 1999.	Domestic Waste - an Urban Eyesore	Resource person
2	Paralikar, K.R. Training programme of All India Central Services Centre, M.S.University, Baroda. 14- 16 February 2000.	Demography and problems of population with special reference to street children, child labour, women welfare and health.	Resource person, Visiting Lecturer
3	Patil, A.S. Child Guidance Clinic Faculty of Social Work, M.S.University Baroda., September 1999.	Nutritive value of vegetables and their importance in our diet.	Resource person

**V CONTRIBUTION TO CONDUCT PROFESSIONAL PROGRAMMES**

Sr. No.	Name (s)	Programme (s) , Place and date (s)	Capacity of Participation
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**Department of Clothing and Textile**

1	Phadke, S.M.	Workshop "Curriculum restructuring in Home Science "Organised by Sarojini Girls School, Bhopal from November 6-7, 1999.	Resource person
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**14. Faculty of Home Science**

2	Pandya, A. D.	Workshop on 'Indian Traditional Embroideries' Under Inter Disciplinary ,Forum Campus Diversity Initiative Programme , M.S. University, Vadod .14-16,February 2000	Co-ordinator
<b>Department of Foods and Nutrition</b>			
1	Mani, U.V, Ankleshawaria, N., Tuteja, S.K., Munshi, V., Kanani, S., Iyer, U., Kuruvilla, A., Chauhan, K., Sheth, M.K., Saiyed, F., Sharma, K., Agarwal, V. & Gautam, C .	National Conference on Ageing, Nutrition and Health, Department of Foods and Nutrition, M.S. University of Baroda, Vadodara, October 8-9, 1999	Organizing Committee Members
2	Mehan, M.	Capacity Building Workshop for NGO Partners on the Implementation of Health and Nutrition Project, CARE-Rajasthan, Udaipur, June 10-17, 1999	Facilitator and Supervisor
3	Mehta, P.M.	National Conference on Ageing, Nutrition and Health, organized by Department of Foods and Nutrition, Faculty of Home Science, M.S. University of Baroda, Baroda, October 8-9, 1999	Convener
4	Nambiar, V.S.	National Conference on Ageing, Nutrition and Health, Department of Foods and Nutrition, M.S. University of Baroda, Baroda October 8-9, 1999	Joint Convener
5	Seshadri, S.	Training fellowships under WHO Collaborating Centres, New Delhi, Ministry of Health and Family Welfare, August 6, 1999	As Director, WHO Collaborating Centre
		National Conference on Ageing, Nutrition and Health, Department of Foods and Nutrition, M.S. University of Baroda, Baroda October 8-9, 1999	Chairperson of the Technical Session
		Workshop on Research Design and Methodology of Iron Supplementation Programmes to Control Anaemia, Washington D.C., U.S.A., November 4-5, 1999	Expert
6	Tuteja, S.K.	Entrepreneurship Development Training Workshop, Baroda, Department of Foods and Nutrition, M.S. University of Baroda, Baroda, December 21, 1999 - January 21, 2000	Co-ordinator
<b>Department of Human Development and Family Studies</b>			
1	Dave, P.B.	Two day meeting of Senior Academicians for "Gender and Health Training", organized by Commonwealth Secretariat, London, 8-9 June, 1999.	Resource Person and Participant
		Gender Sensitive Marriage and Family Counselling : A training for Trainers, organized by Tata Institute of Social Sciences, Bombay) 10 -28 October 1999.	Participant
		International Conference on Geriatrics and Gerontology, organized by Society of India, New Delhi, 12-14 November, 1999.	Chair Person of Symposium.
		Symposium on Older persons : Role of Family, Government and Non-Government Organizations, M.S. University of Baroda [Unassigned U.G.C. Grant] 23-27 November, 1999.	Organizer
		State Seminar on Women and Environment, 3-4 December, 1999, Faculty of Social Work, M.S. University of Baroda	Chairperson of a Session.

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	Panel Discussion on "Effective Parenting Skills" in Chetan Balwadi, M.S. University of Baroda, 26 February, 2000.	Chairperson	
	Meeting of Academicians to draft manual of counselling for counsellors of F.C.C. organized by Faculty of Social Work, M.S. University of Baroda, 3 March, 2000	Invited Expert Resource Person	
2	Jasrai, S.Y., Mohite, P., Kapadia, S., Sriram, R. & Manjrekar, N.	Images of social development : A video film festival organized by UGC/ DSA program, WHOTRAC, LRC, HDFS Department and WSRC, Department of HDFS, 8 -10 March, 2000	Co-ordinator and member of organizing committee.
3	Kapadia, S.	Workshop on Theory, Research, Practice : Identifying the Feedback Loop; Baroda, 16-17 September, 1999.	Joint Coordinator
		Workshop on Media Advocacy for Women's Health; Baroda (WSRC); 23-24 December, 1999.	Joint Coordinator
4	Mallya, I.P.	A series of workshops on "Exploring folk traditions in classrooms for young children organized by the UGC/DSA programme, Department of HDFS, M.S. University, Baroda 4 - 8 January, 2000	Organizer
5	Mankodi, H.	Workshop on "Exploring Folk Traditions in Classrooms for Young Children". Organized by the UGC/DSA programme, Department of HDFS, M.S. University of Baroda, 4-8 January, 2000	Organizer
6	Mohite, P.D.	"Basic Education Support TV (BEST) Interactive Meet organized by "Taleem" Ahmedabad 22 -23 January, 2000.	Planning Consultant
7	Parekh, K.L.	Meeting of the committee to discuss norms and equipments for accredited Vocational Institution (AVIS) of the Early Childhood Education Course, National Open School, New Delhi, 23 August, 1999	Invited resource person
		Review committee meeting of Learning Resource Centres, organized by NCERT, : New Delhi, 22-23 April, 1999	Represented LRC centre of HDFS Department, Baroda as an operational committee member and acted and played the role of a co-ordinator on behalf of Dr. Prerana Mohite
		Restructuring Curriculum of Home Science, Smt. Sarojini College, Bhopal, 6 - 7 December, 1999	Resource Person
		2 days series of consultative meetings on "A Vision for the Young Child's Development in the New Millenium" - A Panel Discussion, under (UGC-DSA scheme of HDFS Department M.S. University , Baroda, 26-27 March, 2000	Organizer
		Infant Testing Training Program, Department of HDFS, Faculty of Home Science, M.S. University, Baroda , 17 January, 2000	As an organizing committee member
8	Parikh, J.	Course offered by IGNOU , Study Center Baroda - Diploma in Early Childhood Education, Baroda , March 2000 - September 2000	Co-ordinated the total course
		National Training Workshop for Paediatricians and Mental Health Workers on Developmental Assessment Scale for Indian Infants (DASII), Department of HDFS : 17 - 31 January, 2000	Chief Co-ordinator

**14. Faculty of Home Science**

9	Parikh, J. and Jasrai, S.Y.	Infant	ng Training Program, Department of HDFFS, 17-30 January, 2000	Co-ordinator and member of organising committee
10	Saraswathi, T.S.	Work Depa	on Theory, Research and Practice : The Feedback Loop. t of HDFFS, 16-17 September, 1999	Co-ordinator
		Study Febru	up Meeting on Adolescence Social Policy. Washington, 20 '000.	Resource Person
11	Sriram, R.	Image DSA, Barod	Social Development : A film festival jointly organized by UGC/ en's Studies Research Centre, ECD-LRC and WHOTRAC. - 10 March, 2000	Co-ordinator
<b>Department of Home Manage</b>				
1	Dass, A.V.	Symp of Hor	on "Role of Women in 21 <sup>st</sup> Century" organised by Department anagement, M.S.University of Baroda, 14 March 2000.	Coordinator
2	Dass, A.V. and Patel, S.J.	Works Activit Center	on "Skill Development and Income Generation Art and Craft nder Extension Work" at Adarsh Mahila Mandal, Community odara under UCD project, Aug-Dec. 1999.	Coordinators
3	Gandotra, V.S.	Symp of Hor	on "Role of Women in 21 <sup>st</sup> Century" organised by Department anagement, M.S.University of Baroda, 14 March 2000.	Chairperson
		Works organ of Bar	1 preparing Instructional Material on Linen Room Management PSSCIVE, Bhopal at Faculty of Home Science, M.S.University 25-29 October 1999.	Chairperson and Expert
4	George, R.	20 Ten of Impr GRSV/ 2000.	Management Training Programmes under National Programme Chulha (NPIC) at TBSU, Baroda/JJBVT, Mithali /ATRC, Bardoli/ yal/ GSS, Kalol/LGRDF, Kheroj, 3 August 1999- 29 January	Director
		3 Ten D NPIC a	anagement training Programmes exclusively for women under 3VP, Shiyal/ATRC/TBSU, Baroda, 1-10 February 2000.	Director
		19 One district	Management Training Programmes under NPIC in different ujarat, 6 January- 22 February 2000.	Director
		1 Ten I TBSU,	Entrepreneurship Development Programme under NPIC at la, 15-24 February 2000.	Director
		167 Pul of Guja	Awareness and User Education Camps at 10 different districts August 1999- 23 March 2000.	Director
5	Jaiswal, N.S.	Extra I Enterpr Faculty	Lectures on "Bonsai" and Programmes for Women ship Development, Department of Home Management, ne Science, M.S.University of Baroda, 2-3 March 2000.	Organiser
6	Patel, S.J.	Seminar on	ossible Solutions to India's Environmental Problem" organised by S EEN and I.O.C. Ltd., Vadodara , 9 January 2000.	Organiser
7	Shukul, M.	Workshop on	"Development of Instructional Materials of Institutional Housekeeping Vocational Course" organised by PSSCIVE, Bhopal at Faculty of Home Science, M.S.University of Baroda, 25 -29 Oct. 1999	Coordinator
<b>Department of Home Science Extension and Communication</b>				
1	Joshi, U. G., Pahad, A.H., & Mehta, N.U.	National Seminar on	"Developmental Communication in India - Challenges and Issues." Department of Home Science Extension and Communication, Faculty of Home Science, Baroda, 27 - 29 January 2000.	Directors

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2	Paralikar, K. R.	Training of primary school teachers, State Department of Education, Government of Gujarat, September 1999.	Resource person
		Vocational Training, Classroom Management, Methods and Materials at ITI, Tarsali, Ministry of HRD, Central Government, October 1999.	Resource person
3	Patil, A.S.	Vadodara city development strategy at Surya palace, Vadodara organised by VMC / world bank, Vadodara. 27 - 28 January 2000.	Chair person
4	Patil, A.S., Mathu, A.A. & Mathur, N.M.	Training rural primary school teachers of Sewasi block for promotion of awareness about Human Rights of Women and Children of Ankodia primary school., 9 - 10 December 1999.	Resource Persons
		District level training programme for Nodal Preraks, Department of Home Science Extension and Communication in collaboration with Centre for Adult and Continuing Education. September 1999.	Resource Persons
5	Paralikar, K.R. , Patil, A.S., Mathu, A. A., Maniar, A.T. & Mathur, N. M.	District Level Training Programme for Nodal Preraks - Organised by Centre for Adult and Continuing Education and Faculty of Home Science. 24 - 25 September 1999.	Resource persons
6	Patil, A.S., Mathu, A.A., Mathur, N.R., & Pandya, R.M.	Training Rural Primary School Teachers of Sewasi block for promotion of Human Rights amongst school children and their parents through the use of Various Audio-Visual Aids. 2 - 3 December 1999.	Resource persons

#### VI PERFORMANCES BY INDIVIDUAL / GROUP

Sr. No.	Name(s)	Place and Date(s)	Nature of Performance
<b>Department of Foods and Nutrition</b>			
1	Agarwal, V.S.	Talk on Importance of an Adequate Diet for Healthy Living, Larsen and Toubro Ladies Club, December 21, 1999	Extension work
		Talk on Low Calorie Diet, Inner Wheel Club of Baroda, January 10, 2000	Extension work
		Talk on Causes, Prevention and Treatment of Iron Deficiency Anemia in Women and Adolescent Girls, Urban Community Development, Vadodara Municipal Corporation, February 1, 2000	Extension work
2	Chauhan, K.B.	Talk on Nutrition for Industrial Employees, Alembic, Baroda, March 1, 2000	Extension work
		Talk on Nutrition for School Children, Baroda High School, Baroda, September 24, 1999	Extension work
3	Kanani, S.J.	Talk on Making Nutrition Education More Effective in ICDS, as Part of the ICDS Refresher Training Course, Baroda, August 24, 1999	Extension work
		Interactive Discussion with Parents regarding Value of Nutritious Foods for Young Children and Desirable Feeding Practices, Amrit Vidyalaya, Kalol, September 26, 1999	Extension work
4	Tuteja, S. K.	Scientific Session on Home Science, 87 <sup>th</sup> Session, Indian Science Congress, Pune, 3-8 February 2000	Extension work

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**Department of Home Management**

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|---|---|--|------------------|
| 1 | Gandotra, V.S.,<br>Jaju, N. & Patel, S.J.     | Exhibition on "Heritage of Indian Cuisine" organised under Campus Diversity Programme, M.S.University, 11 January 2000.  | Exhibition       |
| 2 | Gandotra, V.S.,<br>Dass, A.V. &<br>Shukul, M. | Exhibition Cum Sale "Deepawali 99" organised by Department of Home Management, M.S.University, 21- 22 October 1999.  | Exhibition       |
| 3 | Patel, S.J.                                   | Field Placement of T.Y.B.Sc. Students of Department of Home Management, M.S.University on Appropriate Technology and Energy Management, Sama Village, Vadodara, 23-29 December 1999. | Extension Work   |
| 4 | Shukul, M., Jaiswal,<br>N.S. & Patel, S.J.    | Educational Tour to Mumbai for Post Graduate Students of Department Of Home Management, M.S.University, Baroda, 4-8 March 2000   | Educational Tour |

**Department of Home Science Extension and Communication**

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|---|--|--|--|
| 1 | Mathu, A.A.,<br>Mathur, N.R., &<br>Pandya, R.M.                                  | Officers Club of Oil and Natural Gas Corporation Ltd., Makarpura, Baroda.<br>8 - 9 January 2000.                           | Exhibition and Cultural Fair along with Bhavai and Puppetery for people from ONGC, Army Officers Club and Railway Staff College, Baroda  |
|   |  | Sewasi, Ankodia, Khanpur<br>Ashapuri, Sonarkui, Bhimpura<br>Sherkhi, Indiranagar ( Baroda District )                       | Organised talks and role - plays for spreading awareness regarding 'Reproductive Health and its importance amongst adolescent girls  |
| 2 | Patil, A.S.,<br>Mathu, A.A.,<br>Mathur, N.R. &<br>Pandya, R.M.                   | Sardar Sarovar Project Colonies, Dabhoi -,<br>Vadodara.<br>26 December 1999 to 6 January 2000.                             | A 10 day camp for 24 Post graduates students of the Department was organised under Sardar Sarovar Project under S.S.P. Narmada Nigam at Dabhoi for rehabilitation under PAP in different areas viz - Maternal and Child Care, Environmental Sanitation, Hygienic Practices, Literacy and Energy Education and Income Generation and Women. |
| 3 | Pahad, A.H.,<br>Pandya, R.M.,<br>Mathu, A.A.,<br>Maniar, A.T., &<br>Mathur, N.R. | Faculty of Home Science, Auditorium.<br>23 October 1999.   | Human Rights Awareness Exhibition' for the public of Baroda city specially featuring Role Plays and Exhibits in the form of posters, flip charts, flash cards.   |
| 4 | Pahad, A.H.,<br>Randy, R.M.,<br>Mehtar, N.U.<br>& Mathur, N.R.                   | Department of Home Science Extension and Communication, Faculty of Home Science, M.S.University, Baroda.<br>November 1999. | Exhibition of Productive Arts and Crafts   |

**14. Faculty of Home Science**

**VII STATE/NATIONAL/INTERNATIONAL AWARDS AND DISTINCTIONS OF ACADEMIC NATURE**

<b>Sr. No.</b>	<b>Recipient</b>	<b>Description of Award</b>	<b>Contribution Made by Recipient</b>
<b>Department of Foods and Nutrition</b>			
1	Tuteja, SK	(1) Appointed as Convener of Committee on Home Science by the Indian Science Congress Association for the Year 2000-2001 (2) Appointed as Convener of ISCA - Baroda Chapter by the Indian Science Congress Association for the Year 2000-2001	Organisation of Science based programmes For different sections of the society
<b>Department of Home Management</b>			
2	George, R., Joshi, K. & Jaiswal, M.	Best Poster Award in Home Management, A Plaque and a Certificate (National Award).	Prepared the Poster based on Research and a paper entitled "Fuel Conservation Potential of Selected Improved Cook Stoves"
<b>Department of Home Science Extension and Communication</b>			
1	Paralikar, K.R.	Life Time Award by Rotary Club Of Vadodara, 10 April 1999	Promoting Community Services



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THE M. S. UNIVERSITY OF BARODA

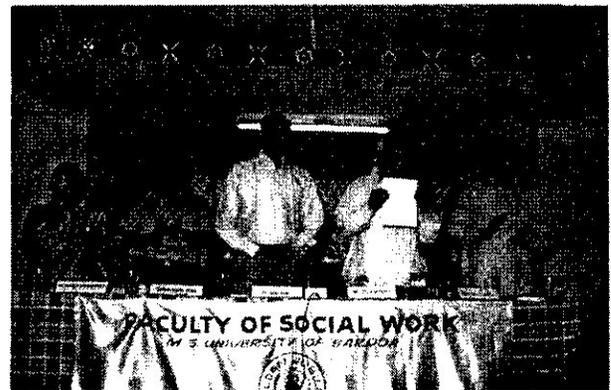
## Faculty of Social Work



Faculty of Social Work



Dr. K. Kasturirangan, Chairman ISRO inaugurating the Golden Jubilee Hall at Faculty of Social Work. V. C., P.-V. C., Dean at function.



Prof. Madhu Dandavate, Ex-Finance Minister, Govt. of India at Faculty of Social Work for Prof. Indiraben Patel & Dr. S. R. Yardi memorial lecture.

## 15. Faculty of Social Work

### I (A) PUBLISHED BOOKS (B) MONOGRAPHS (C) EDITED VOLUMES

Sr.No.	Author(s)	Title	Details of Publication
1.	Navale, A. S. Khasgiwala, A.S Parmar, M.N.	<i>Monograph</i> : Report of the Seminar on "Poverty Alleviation and Social Development.	U.G.C. D.R.S. Programme, Faculty of Social Work, M.S. University of Baroda. April, 1999. Pages -
2.	Vaswani, T.G. Patel, C.P. Desai, A. B.	<i>Monograph</i> : Spotlight on the Older Persons	U.G.C. D.R.S. Programme, Faculty of Social Work, M.S. University of Baroda. October, 1999. Pages 45
3.	Joshi, S.S. N. Rajaram Kanani, S., et. al.	<i>Monograph</i> : Health Status of Women in Gujarat.	Women's Health Training, Research and Advocacy Centre, M.S. University of Baroda December, 1999 Pages - 142
4.	Parmar, M.N., et. al.	<i>Monograph</i> : Self Help Groups : Scope of HR Interventions in Rural Areas	Faculty of Social Work, M.S. University of Baroda, January 2000 Pages – 100
5.	Patel, C.P.	<i>Book</i> Social Work Practice : Religio-Philosophical Foundations	Rawat Publication Jaipur, 1999 , Pages 371
6.	Rawal, Ila	Vikshiptachitta Balkoni Munjavan Ane Ukel (In Gujarati)	Oriental Institute, M.S. University of Baroda, 1999, Pg.112.

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

Department : Social Work.

Sr. No.	Author(s)	Details of Seminar/Conference	Title of Paper	Published / Unpublished
1.	Khasgiwala, A.S.	State Level Seminar on "Adolescent Medicine", organised by Indian Paediatric Association, Baroda Branch on 18.4.1999 at Baroda.	"Psycho-Social Aspects"	Paper Presented
2.	Joshi, S.S.	Workshop on HIV/AIDS for University Students, NSS, M.S.University of Baroda on 12.3.2000.	"Ethical Issues and Dilemmas in	Paper Presented HIV/AIDS"
		Status of Reproductive Health of Women in Gujarat State Level Conference organised by Population Council at Baroda on January 8-9, 1999.	Quality Care in Urban Family Centres.	--
3.	Navale, A.S. Parmar, M.N. Solanki, J.D.	UGC-DRS National Seminar on "Social Work Profession at the Dawn of the New Millennium" on 17-18 Feb. 2000,	"Profile of SC/ST in Vadodara Taluka"	--

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	Raijada, S.	Faculty of Social Work, M.S.University, Baroda.		
4.	Solanki, J.D.	State Level Seminar on Contribution of Dr. Ambedkar in Development of Indian Society organised under Dr. Ambedkar Chair at Gujarat University, Ahmedabad, 8-9 January, 2000.	Dr. Ambdekar's Dimension of Social Justice.	--
5.	Navale, A.S. Parmar, M.N. Solanki, J.D. Vardiwale, S.M.	UGC-DRS National Seminar on "Social Work Profession at the Dawn of the New Millennium" on 17-18 Feb. 2000, Faculty of Social Work, M.S.University, Baroda	Emergence of New Community settlement at the Dawn of the New Millennium.	--

**III TALKS OF ACADEMIC NATURE IN PROFESSIONAL PROGRAMMES**

**Department : Social Work**

Sr. No.	Name(s)	Nature of Professional Programmes	Title	Capacity of Participation
1.	Khasgiwala, A.S.	Training of Trainers in Marital and Family Counseling organised in joint collaboration with British Council, UK and TISS, Bombay held at Navsari from 11 <sup>th</sup> to 28 <sup>th</sup> October, 1999.	Presented/conducted two seminars on : 1. Family Assessment 2. Identifying Emotions of Clients	Participant & Presenter.
2.	Khasgiwala, A.S. Rawal I.R.	State Level Training of Para Health Workers from SEWA Rural, Jhaghadia, Gujarat from 5 <sup>th</sup> to 7 <sup>th</sup> January, 2000 at Faculty of Social Work, M.S.University, Baroda.	Session on Counselling Three Stage Model	Presenter and Joint Co-ordinator
3.	Khasgiwala, A.S.	One Day HRM Convention "Managing Organisational Change and Leadership in New Millennium" organised by Centre for Industrial Relations and Social Development in collaboration with Faculty of Social Work held on 22 <sup>nd</sup> January ,2000.	Session on Emotional Intelligence	Chairperson
4.	Vaswani, T.G.	Staff Workshop at SARTHI, Panchmahals on 12 <sup>th</sup> – 13 <sup>th</sup> August, 1999.  National Workshop at TISS Bombay on 19 <sup>th</sup> and 20 <sup>th</sup> August, 1999.  Training of Trainers at Navsari organised by TISS & Relate Counselling Centre, UK & British Council from 11 <sup>th</sup> to 28 <sup>th</sup> October, 1999.	"Future Planning and Restructuring of Organisation & Activities."  "Children of Alcoholics"  "Marriage and Family Counselling" Conducted two sessions on 1. Family Assessment 2. Sexual Beliefs.	Resource Person & Organiser  Participant  Participant/Presenter

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		Symposium of Mayors of Gujarat State organised by Dept. Of HDFS, Faculty of Home Science, M.S.University, Baroda.	"Caring for the Older Persons, Role of Family, Govt. and Non-Govt. Organizations in Gujarat"	Chairperson
		State Level Training of Para-Professional Health Workers of SEWA Rural Jhaghadia on 5 <sup>th</sup> -7 <sup>th</sup> January, 2000.	Conducted session on "Three Stage Model of Counselling".	Presenter
		One Day HRM Convention "Managing Organisational Change and Leadership in New Millennium" organised by Centre for Industrial Relations and Social Development in collaboration with Faculty of Social Work held on 22 <sup>nd</sup> January ,2000.	"Change in Organisation"	Chairperson
5.	Joshi, S.S	Extra Mural Lectures organised by Department of Social Work, University of Delhi in April, 1999	Empowering Communities by Field Intervention	Invited Talk
		Know Your Health : Know yourself organised by 'Arogya Centre' for Health's Nutrition Education, Baroda, on 20 <sup>th</sup> January, 2000.	Emotional Intelligence and Emotional Health	Resource Person
		HIV/AIDS Awareness Seminar organised by TOC-NSS, M.S. University of Baroda in March, 2000.	Reproductive Health of Adolescent	Resource Person
6.	Mehta, L.V.	Workshop on Proposed Bill on Immoral Traffic Law organised by AWAG at Gandhi Labour Institute, Ahmedabad, on 12 <sup>th</sup> February, 2000.	Debate on New Proposed bill on Prostitution	Participant & Rapporteur
		Workshop on NGO Forum for Child Rights organised by CHETNA at Ahmedabad on 13 <sup>th</sup> March, 2000.	Child Right Convention	Resource Person
		Training Programme for Railway Police organised by Vikas Jyot at Baroda on 31 <sup>st</sup> March, 2000.	Juvenile Justice Act, 1986	Resource Person

**IV CONTRIBUTION TO CONDUCT PROFESSIONAL PROGRAMMES**

**Department of Social Work**

Sr. No.	Name (s)	Programme (s), Place and Date (s)	Capacity of Participation
1.	Navale, A.S.	Seminar on "Emerging Health Education Needs in the Next Millennium" jointly organised by the Baroda Management Association and Faculty of Social Work at Baroda on 2 <sup>nd</sup> May, 1999.	Director

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		State Level Seminar on Women & Environment sponsored by Gujarat Pollution Control Board organised at Faculty of Social Work-TOC NSS, M.S. University of Baroda on 3-4 December, 1999.	Director
		Adolescent Health and Development-Training of Para Medical Health Workers of SEWA Rural Jhaghadia organised by FCC, Faculty of Social Work from 5 <sup>th</sup> to 7 <sup>th</sup> January, 2000.	Director
		One Day HRM Convention on "Managing Organisational Change & Leadership in the New Millennium organised by CIRSD & Faculty of Social Work on 22 <sup>nd</sup> Jan. 2000.	Director
		National Seminar on "Social Work Profession at the Dawn of the New Millennium" organised by Faculty of Social Work, M.S. University of Baroda on 17 <sup>th</sup> -18 <sup>th</sup> February, 2000 at Baroda	Director
		Symposium on HIV/AIDS Education organised by TOC-NSS, M.S. University of Baroda at Baroda on 12 <sup>th</sup> March, 2000.	Director
		Training Programme on HRM for NGOs of Gujarat organised by Panelav Gram Vikas Agency at Baroda on 23-25 March, 2000.	Director
2.	Khasgiwala, A.S	State Level Seminar on "Emerging Health Education Needs in India" organised by B.M.A. at Baroda and Faculty of Social Work at Baroda on 2 <sup>nd</sup> May, 1999.	Co-ordinator
		Workshop of Core Committee Members on Preparing a Manual for Counselors of F.C.C. in collaboration with AWAG- Ahmedabad - 1st workshop on 13 <sup>th</sup> May, 1999; 2nd workshop on 5 <sup>th</sup> December, 1999.	Co-ordinator
		State Level Workshop to discuss the Draft Manual of Counselling with Counselors of N.G.O.'s representative on 8 <sup>th</sup> January, 2000 at Baroda.	Co-ordinator
		State Level Seminar of Academicians to discuss the Manual of Counselling at Baroda on 15 <sup>th</sup> March, 2000.	Co-ordinator
3.	Joshi, S.	National Seminar on "Social Work Profession at the Dawn of New Millennium" organised by Faculty of Social Work, M.S. University of Baroda on 17 <sup>th</sup> -18 <sup>th</sup> February, 2000 at Baroda.	Co-ordinator
		Qualitative Research Methods : Training Workshop for Mahila Samakhya Samiti Workers in Baroda District in April, 1999, organised by WOHTRAC, M.S. University of Baroda.	Co-ordinator Team Member

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4.	Mehta, L.V.	U.G.C-D.R.S. Refresher Course at TISS, Bombay between 12 <sup>th</sup> April, 1999 and 1 <sup>st</sup> May, 1999.	Participant and Group Facilitator.
5.	Parmar, M.N. Solanki, J.D.	Training Programme on Creative Communication and HR for Community Organiser and Residential Community Volunteers, Sponsored by UBS-UCD Programme, Vadodara Municipal Corporation in collaboration with Faculty of Social Work held on 19 <sup>th</sup> & 20 <sup>th</sup> January, 2000 at Baroda.	Joint Coordinator
		Training Programmes on HRM in Social Sector sponsored by RTI, Gandhinagar. It was organised in joint collaboration with Panelav Rural Development Society and Faculty of Social Work, M.S.U. Baroda, held on 5-7 March, 2000 at Panelav, the Panchmahal District.	Joint Coordinator
6.	Mehta, B.P.	State Level Seminar on Women and Environment 3 <sup>rd</sup> and 4 <sup>th</sup> December, 1999.	Organising Member
		Council of International Fellowship International Exchange Programme, 1999-2000, India, 6 <sup>th</sup> December to 14 <sup>th</sup> January, 2000.	Joint Co-ordinator for Field Placement

**V PERFORMANCES BY INDIVIDUAL / GROUP**

**Department of Social Work.**

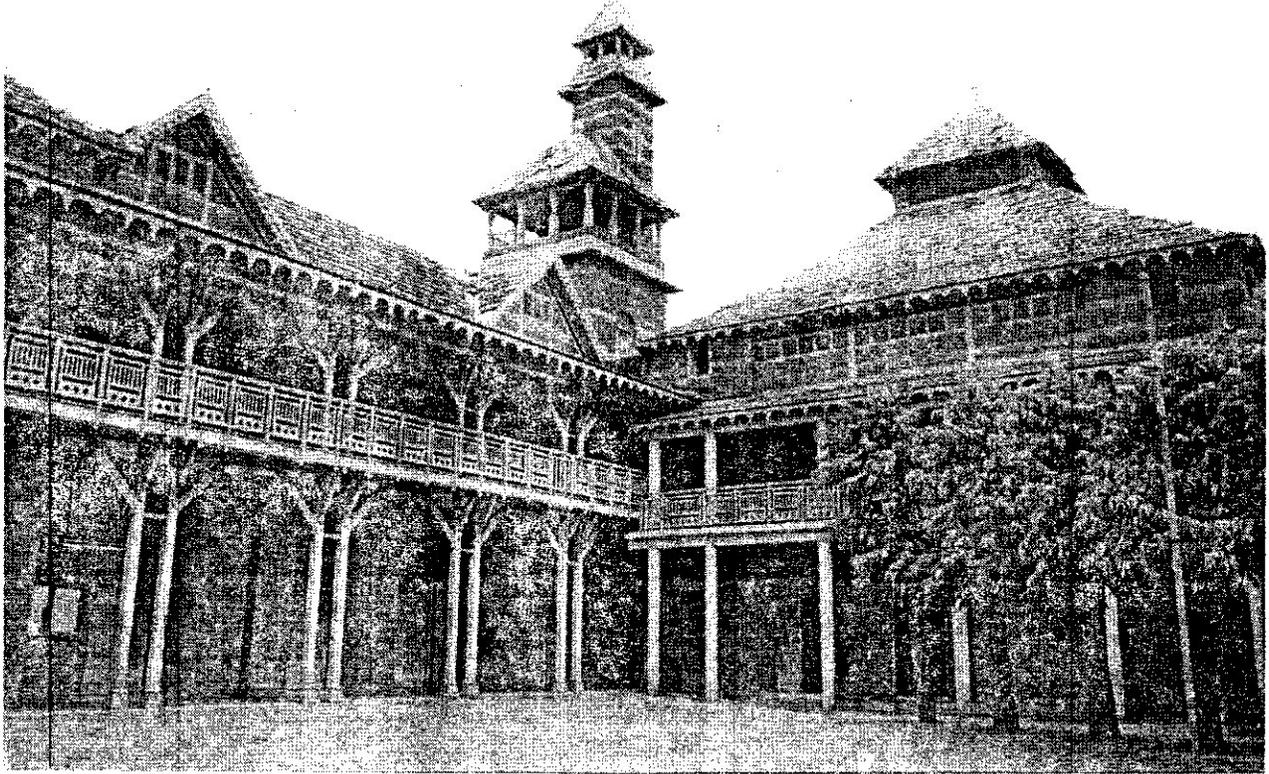
Sr. No.	Name (s)	Place and Date (s)	Nature of Performance*
1	Parmar, M.N. Solanki, J.D.	Shri Hariom Ashram Prerit Bhai Kaka Inter-University Smarak Trust at S.P. University Vallabh Vidyanagar on 18 <sup>th</sup> January, 2000.	Best Research Paper Award on the subject of social work Girl Child Labour –Social Change-April, 99, New Delhi.



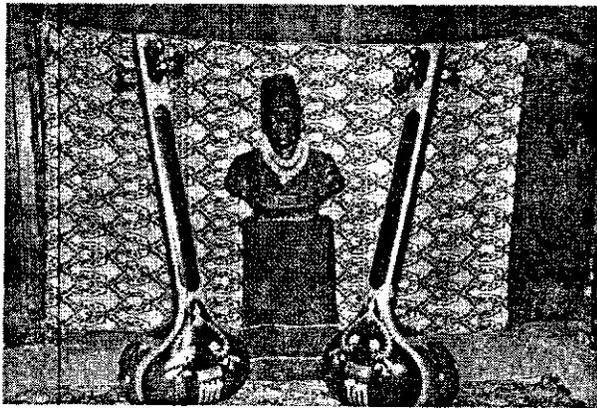
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THE M. S. UNIVERSITY OF BARODA

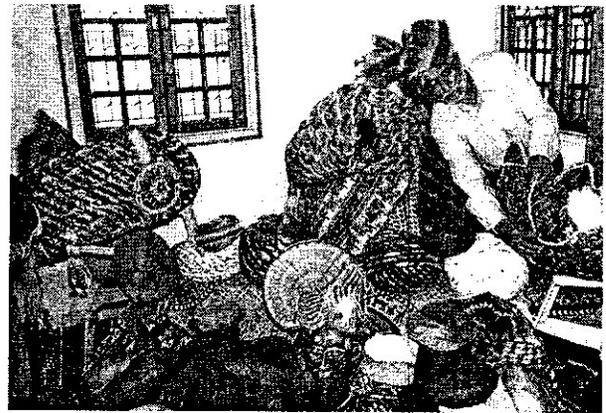
## Faculty of Performing Arts



Faculty of Performing Arts



TANPURAS of  
Ustad Faiyazkhan Saheb



Paag - Pagdi & Safa Exhibition, Organised  
by Campus diversity programme, M.S. University of Baroda.

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### I (A) PUBLISHED BOOKS (B) MONOGRAPHS (C) EDITED VOLUMES

Sr. No.	Author(s)	Title	Details of publication
<b>Department of Dramatics</b>			
1	Shah, M. C.	આધુનિક ગુજરાતી નાટક : પ્રત અને પ્રયોગ (a) Essays on Sanskrit Poetics	University Granthnirman Board, Ahmedabad – 6 October 1999, p. 236.

### II PUBLISHED ARTICLES / PAPERS IN JOURNAL

Sr. No.	Author (s)	Title	Name of Journal, Volume, Number/ Part, Page Numbers & Date
<b>Department of Dramatics</b>			
1	Shah, M.C.	(1) રંગભૂમિ કેનવાસે : રંગબેરંગી લક્ષરકા (2) એકલતા અને અધૂરપની ઉભણી : એક લાલની રાણી (3) નાટ્યદર્પણમાં ઉપરૂપકવિધાન	Parab, December 1999, No. 12, pp. 60-62. Pratyaksha, January-March 2000, pp. 17-19. Swadhyaya, Book 34, No. 1-4, May 1999, pp. 29-42.
2	Upadhyaya, B.R.	(૧) 'ભવાઈમાં એલિયેનેશન' (૨) સંસ્કૃત રૂપકો, ઉપરૂપકો અને ભવાઈ	'Nātak' January-March 2000, Vol. 3, No. 1, pp. 7 - 9. Swadhyay Book 34 No. 1-4, May 1999, pp. 43-50.

### 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
<b>Department of Dramatics</b>				
1	Shah, M.C.	(1) અસાઈત સાહિત્ય સભા અને ગુજરાતી સાહિત્ય અકાદમીના સંયુક્ત ઉપક્રમે મહેસાણા ખાતે આયોજીત અખિલ ગુજરાત નાટ્યપરિષદ, બેઠક ક્રમાંક ૬, તા. ૧૩.૯.૧૯૯૯. (2) National Seminar on 'Indian Theatre in the Next Millennium ; Challenges and Possibilities' organised by West Zone Cultural Centre, Ministry of HRD at Udaipur 28-30 September 1999. (3) ગુજરાત રાજ્ય સંગીત નાટક અકાદમી દ્વારા અમદાવાદ ખાતે યોજાયેલ નાટ્યકલાકારોનું સંમેલન ૨૮.૧૦.૧૯૯૯. (4) National seminar on Natyasastra, Sanskrit Drama and World Theatre organized by Sanskrit Dept., Dr. Harisingh Gour University, Sagar, 5-6 January 2000 (5) સાહિત્ય અકાદમી, દિલ્હી અને ગુજરાતી સાહિત્ય પરિષદ દ્વારા અમદાવાદ ખાતે આયોજીત પરિસંવાદ વીસમી સદીનું ગુજરાતી સાહિત્ય : પરિદર્શન. નાટક વિષયક બેઠક, ૨૮ જાન્યુઆરી ૨૦૦૦	આપણી નાટ્યસંસ્થાઓ University Theatre in the Next Millennium સમસ્યાઓ અને સંભાવનાઓ Modern Relevance of આંગિક અભિનય as described in Natyasastra અધ્યક્ષીય વક્તવ્ય	Unpublished Unpublished Unpublished Unpublished Unpublished

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	(6) ડી.ડી. ઠાકર એન્ડ કે.જે. પટેલ કોમર્સ કોલેજ, ખેડબ્રહ્મા અને ગુજરાત સાહિત્ય અકાદમી, ગાંધીનગરના સંયુક્ત ઉપક્રમે આયોજીત 'ગુજરાતી નાટક' વિષયક પરિસંવાદ, ત્રીજી બેઠક : મધુરાય અને લાભશંકર ઠાકરનું નાટ્યસર્જન તા. ૫ ફેબ્રુઆરી ૨૦૦૦, કોલેજ ખંડ - ખેડબ્રહ્મા	અધ્યક્ષીય વક્તવ્ય	Unpublished
2 Vyas, H.D.	Development Communication in India Challenges and Issues at Faculty of Home Science Extension and Communication Dept. from 27 <sup>th</sup> to 29 <sup>th</sup> Jan. 2000	Participated in Discussion on various subjects.	
<b>Department of Vocal-Music</b>			
Pandit, I.K.	"Value of Music, Art, Religion" organized by Council of Educational Administration and Management (RCEAM) affiliated to the Common Wealth Council of Educational Administration and Management (CCEAM) at Udaipur (Rajasthan) 10-12 December 1999. International Conference.	"Value of Music, Art, Religion"	Invited as an Expert. The article is published in the souvenir "Shabdita"

**IV TALKS OF ACADEMIC NATURE IN PROFESSIONAL PROGRAMMES**

Sr. No.	Name (s)	Nature of Professional Programmes*	Title	Capacity of Participation
<b>Department of Dance</b>				
	Pillai, R.N.	Lecture Demonstration – Lecture Series	Karnatic Tal System Vyakhyan Mala	Organizer
<b>Department of Dramatics</b>				
1.	Shah, M. C.	(1) Extra-Mural Lectures ભાષા સાહિત્ય ભવન, ગુજરાત યુનિવર્સિટી, ૨૭ જાન્યુઆરી ૨૦૦૦	'કાકાની શાશી' અને 'કાહે કોયલ શોર મચાએ રે' – વસ્તુ ગૂંથણીની દષ્ટિએ	Invited Talks
		(2) વીસમી સદીનું ગુજરાતી સાહિત્ય વિષયક જ્ઞાનસત્ર સરદાર પટેલ યુનિવર્સિટી, વલ્લભવિદ્યાનગર, તા. ૧૦ ફેબ્રુઆરી ૨૦૦૦	સ્વાતંત્ર્યોત્તર ગુજરાતી નાટક – વલણો અને વળાંકો	Invited Talks
		(3) નાટ્યતાલીમ શિબિર ગુજરાત યુનિવર્સિટી, સંસ્કારતીર્થ - આથેલ, તા. ૧૯ જૂન ૧૯૯૯	નાટ્યનિર્માણ - પ્રતથી પ્રયોગ સુધી	Resource Person
2.	Vyas, H. D.	1. Workshop: Lecture-Demonstration on 'Bhavai' on 12 <sup>th</sup> April 99. 2. Lecture-Demonstration on 13 <sup>th</sup> April 99 at Faculty Of Home Science, Dept. of Extension & Communication, M.S.University. 3. Workshop: organized by Gujarat University at Sanskardham, Ajol. Participated on 15-16 May 99.	'Bhavai Traditional Theatre Form of Gujarat Street Play – a unique form of social reform and its structure	Resource Person Resource Person Resource Person
<b>Department of Vocal-Music</b>				
	Desai, S.L.	Feature programme at Death Anniversary of Late Ustad Faiyazkhan Saheb on All India Radio, Baroda, 5 <sup>th</sup> November 99.	Talk-cum-Interview with vocal demonstration on "Agra Gharana"	Disciple of Agra Gharana

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### V CONTRIBUTION TO CONDUCT PROFESSIONAL PROGRAMMES

Sr. No.	Name (s)	Programme (s), Place and Date (s)	Capacity of Participation
<b>Department of Dramatics</b>			
1.	Chavla, A. P.	Conducted Mime Workshop for the Bright School (Primary and Higher Secondary) Students (25/11/2000 to 5/2/2000) at Vadodara.	Mime (Drama) Expert
2.	Modi, R. N.	ગુજરાત સંગીતનાટક અકાદમી દ્વારા યોજાતી ફૂલ લે-થ નાટ્ય સ્પર્ધા માટે 'પૂર્વ ચકાસણી'માં સ્પર્ધા માટે પસંદગી અથવા યોગ્ય નાટકોની પસંદગી માટે 'તજજ્ઞ' તરીકે કાર્ય કર્યુ. ડિસે. ૯૯.	Drama expert
3.	Upadhyay, B.R.	1. One Act Play Competition – Baroda. Medical College Golden Jubilee Festival, Vadodara. 2. Gujarat Sangeet Natak Academy Drama Competition (State Level) at Himmatnagar on 9/3/2000 to 14/3/2000.	Judge Judge
4.	Vyas, H.D.	Gujarat Sangeet Natak Academy Drama Competition (State Level) at Himmatnagar on 9/3/2000	Judge
<b>Department of Vocal-Music</b>			
1.	Bhonsale, D.K.	Conducted workshop on Music at "Nargol" (Gujarati), 11-11-99 to 18-11-99 organized by Youth Services and Cultural Activities, Gandhinagar, Gujarat.	Invited as an Expert.
2.	Pandit, I.K.	Given Lecture-cum-Demonstration on "Bhendibazar Gharana" at Rajkot, 19 <sup>th</sup> February 2000, organized by Gujarat Sangeet Natak Academy, Gandhinagar, Gujarat.	Expert
3.	Vaishnav, A.H.	Worked as a Coordinator of Music Programme at Rajkot, 15-19 February 2000, organized by Gujarat Sangeet Natak Academy, Gandhinagar.	Coordinator
4.	Shridhar, P.K.	Accompanied on Tabla on All India Radio, Baroda, 13 <sup>th</sup> February 2000.	Accompanist
5.	Mahant, B.K.	Tabla accompaniment with Sitar on A.I.R., Baroda, March 2000.	Accompanist
6.	Ashtaputre, A.V.	1. Performed on A.I.R. as a Tabla accompanist at Baroda Station. 2. Accompanied as a Tabla player in Pt. Omkarnath Sangeet Samaroh at Ahmedabad, 2 <sup>nd</sup> March 2000, organized by Gujarat Sangeet Natak Academy, Gandhinagar (Gujarat).	Accompanist Accompanist

### VI PERFORMANCES BY INDIVIDUAL / GROUP

Sr. No.	Name(s)	Place and Date(s)	Nature of Performance
<b>Department of Dance</b>			
	Pillai, R.N.	Door Darshan 1. Ahmedabad 26 <sup>th</sup> February 2000. 2. Millennium Celebration in Alkapuri Baroda Officers Club	Accompanied Mrudangam with Bharatnatyam. Baroda State Level, accompanied with Bharatnatyam.
<b>Department of Dramatics</b>			
1.	Shah, M. C.	Acted in the play વાત બહાર બંધ નહીં which was presented on the occasion of World Theatre Day Celebration on 28/3/2000 at Vadodara	

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|------------------|--|---|
| 2. Chavla, A. P. | 1. Prepared two turbans, one Morbi and other Kathiawadi for Ganesh Festival at Dala Patel Pole and Angadia Pole Building, during Sept. 1999.   | Extension work (Religious)                                      |
|                  | 2. Written and Directed Mime One Act Play 'Hamara Desh' with 50 students of (Bright School) which was performed at Gandhinagar Gruha, Baroda, 5/2/2000 in the morning and evening.   | Mime Play   |
| 3. Dabhade, P.B. | 1. Directed a play ચીડીદીદી દરવાજ ખોલો and light design for મૃત્યુહીરા organized by Baroda Amateur Dramatic Club, May 99.  | Drama Director  |
|                  | 2. Directed a play 'Sharvilak' for the Birth Centenary Year of Late Shri R. C. Parikh, H.K. Arts College, Ahmedabad and two shows of the above play at 'Play Box' Vadodara under 'Satur Theatre'.  | Drama Director  |
| 4. Mehta, R. B.  | 1. Election Song for Local T.V. channel (JTV) Telecast on 6/10/99.   |   |
|                  | 2. Performed 'Good Morning 2000 No Vesh' for JTV (Local) Channel.  |   |
|                  | 3. Performed 'Good Morning 2000 No Vesh' (Bhavai Vesh) (Bhavai Vesh) for Officer's Club, Vadodara.   |   |
|                  | 4. વડોદરાની ખેલ જ્ઞાતી માટે ફેકલ્ટી તરફથી આયોજીત કાર્યક્રમમાં 'નાણાં વગરનો નાથીઓ નાણે નાથાલાલનો ભવાઈ વેશ' રજૂ કર્યો.   | Writer and Director   |
|                  | 5. નવી સહસ્રાબ્દીને શુભ પ્રભાતમ. ૧.૧.૨૦૦૦ 'ગુડમોર્નિંગ મિલેનિયમ' વડોદરાના આકાશવાણી કેન્દ્ર માટે સ્ટેજ શો કર્યો. ૭.૧.૨૦૦૦. Acted as Vidushak.   | Actor   |
|                  | 6. 'ગુડઈવર્નિંગ રંગોત્સવ' (૨૦૦૦) ફેકલ્ટીનાં વાર્ષિક ઉત્સવમાં ભવાઈવેશ રજૂ કર્યો.  | Writer and Director   |
| 5. Modi, R. N.   | 1. Acted in stage play 'મૃત્યુહીરા' (Marathi) and 'ચીડી દીદી દરવાજ ખોલો' organized by Baroda Amateur Dramatic Club (2 shows) in the month of May 99 at Gandhinagar Gruha, Vadodara.  | Actor   |
|                  | 2. Acted in a full length play 'Sharvilak' directed by P.B. Dhabhade for Birth Cent. Year of Late Shri R.C. Parikh at H.K. Arts College, Ahmedabad on 28 August 99. Two shows for Satur Theatre at play box.   | Worked as a Light Designer Asst. Director and acted as 'Shakar' |
|                  | 3. Acted in 'Lal Lal Lahejat' directed by P.B. Dabhade for Abhinav Art Academy, Vadodara, March 2000   | Worked as a Light Designer and acted as 'Nilkanth Nanavati'     |
| 6. Vyas, H. D.   | 1. Acted in a full length play 'Shravilak' directed by P.B. Dabhade for Birth Cent. Year of Late Shri R.C. Parikh at H.K. Arts College, Ahmedabad on 28 Aug. 99.   | Acted as 'Bharat Rohtak' and coordinator of the play.           |
|                  | 2. Scripted full length play 'Shodash Sanskar' and Acted in as 'સૂતધર' play on 17 <sup>th</sup> Dec. 99 at Darbar Hall, Laxmi Vilas Palace, Vadodara on the occasion of International Conference of Alumni Association of Medical College, Vadodara. |   |

## 16. Faculty of Performing Arts

- 7 Upadhyay B.R. Acted as 'સાલક' in full length play સર્વિલક directed by P.B. Dabhade for Birth Cent. year of Late Shri R.C. Parikh at H.K. Arts College Ahmedabad on 28 Aug. 1999. Two shows for Satur Theatre at Play Box on 24 and 25 Aug. 1999.

### Department of Instrumental – Music

- 1 Gurav, M.N. Conducted-Directed "Tal-Vadya-Kacheri" Group- Performance (Faculty Students), Faculty of Performing Arts, M.S.University, 28<sup>th</sup> March 2000. Stage Performance
- Directed – Tabla Duet, Faculty of Performing Arts, M.S.University, 29<sup>th</sup> March 2000. Stage Performance

### Exhibitions, Performances, Demonstrations etc. at State, National or International Level

#### A. Department of Dance

1. Baruah P.K., State Level Programme on the occasion of Millenium Celebration on January 7, 2000 at Officer's Club, Baroda.
2. Gangani J.S.,
3. Mahen J., Performed Garba Programme on Doordarshan, Ahmedabad during 10<sup>th</sup>-19<sup>th</sup> October 99 (composed and choreographed).
4. Pillai, R.N., Performed Bharat Natyam Programme on Doordarshan, Ahmedabad on February 26, 2000.
5. Gangani, J. S.,
  - (i) Invited to Perform Kathak Academy' for two days Dance Festival in celebration of 'Shashthipurti' of Dr. Puru Dadnich at Indore, M.P. in July 99 (National Level).
  - (ii) Invited by State University of New York at Buffalo, N.Y. as Visiting Professor in the Exchange Programme between University of Buffalo and M.S.University of Baroda. There I gave Solo public performance organized by Department of Theatre and Dance, University of Buffalo on 3<sup>rd</sup> October 99 and also thought Kathak Dance (Master Classes) of Kathak in several courses in Jazz and Tap Dance offered by University of Buffalo, Dept. of Theatre and Dance from 4-7 October 99 (International Level).

#### B. Department of Dramatics

1. Shah M. C. Acted in the play 'ધાત બહાર બધ નહીં' presented at World Theatre Day Drama Festival on 28 March 2000 at Vadodara.
2. Modi R.N., Acted in 'Radio play' (Bhavai Vesh) Directed by J. K. Bhatt.
3. Vyas H.D., Scripted a play Sanskar Gaurav based on સોળ સંસ્કર. Also enacted the role of સૂત્રધર and Narrator. The play was staged on 17<sup>th</sup> December 99 at Darbar Hall, Laxmi Vilas Palace, Vadodara on the occasion of International Conference Alumni Association, Medical College, Vadodara.

#### C. Department of Instrumental – Music

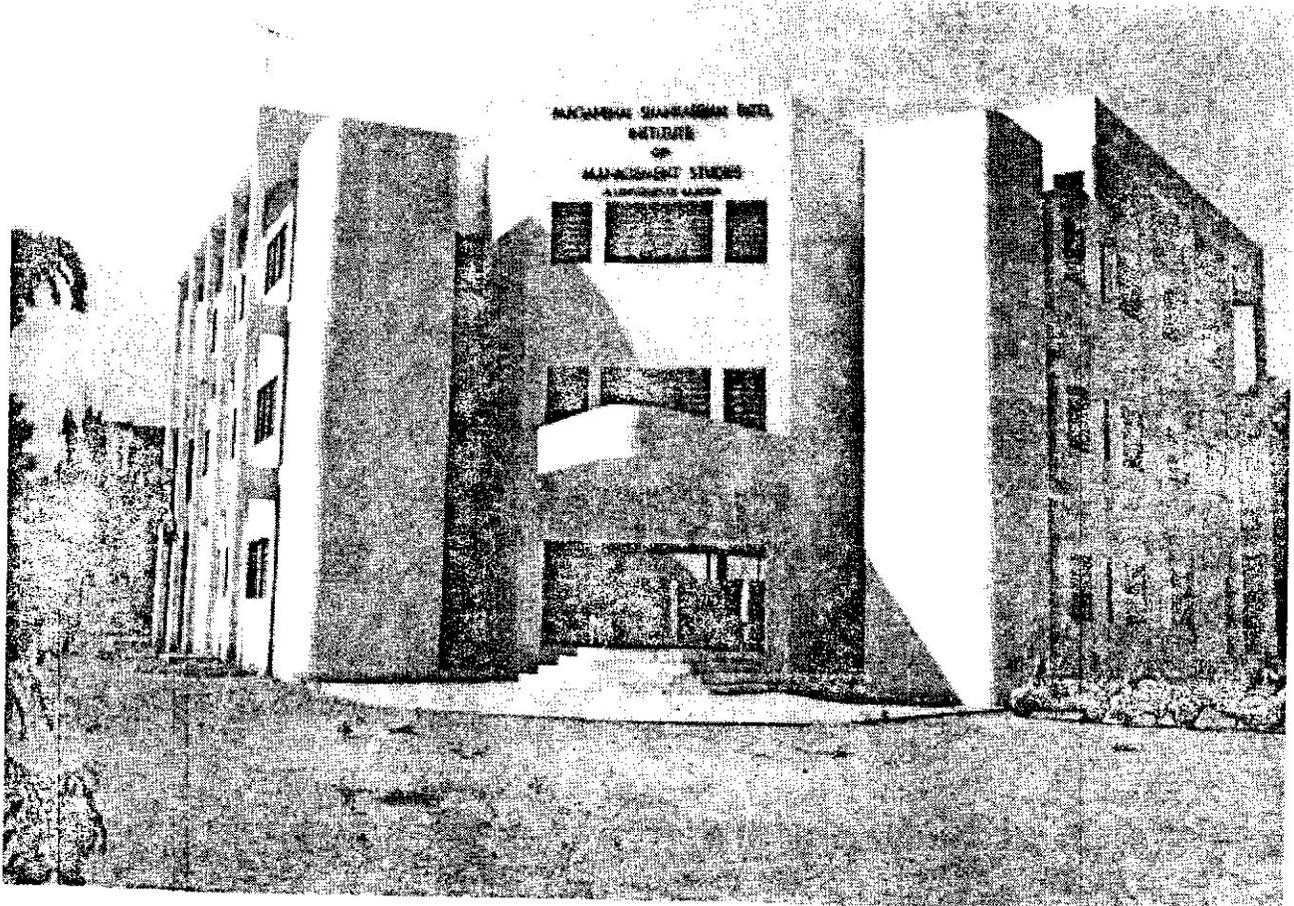
1. (i) Gurav M.N., Gave Tabla-Accompaniment in National Programme broadcast from A.I.R., Delhi, 2-5-99, Recorded 13-4-99.
  - (ii) Tabla Accom. in World – Theatre – Day Programme on 3-5-99.
  - (iii) A.I.R. Programmes, 15-7-99, 1-11-99 and 29-3-2000, Ahmedabad-Baroda.
  - (iv) Tabla Accom. in Music Concert Akashwani, Ahmedabad-Baroda in 22-6-99.
  - (v) Tabla Accom. in Music Concert Akashwani, Ahmedabad-Baroda in 5-11-99.
2. Ranade V.V., Performances at A.I.R., Ahmedabad-Baroda. Recording dates 5-8-99; 17-11-99; and 10-3-2000.
3. Mahisuri R.J., Performances at A.I.R. Ahmedabad-Baroda. Recording dates 23-5-99; 18-10-99; and 16-3-2000.
4. Pendse C.M., Tabla Accom. at A.I.R., Ahmedabad-Baroda. Recording dates 9-6-99 and 2-11-99.
5. Bhanvaria N.K., Performance at A.I.R., Ahmedabad-Baroda. Recording dates 23-6-99; 24-10-99; and 15-03-2000.



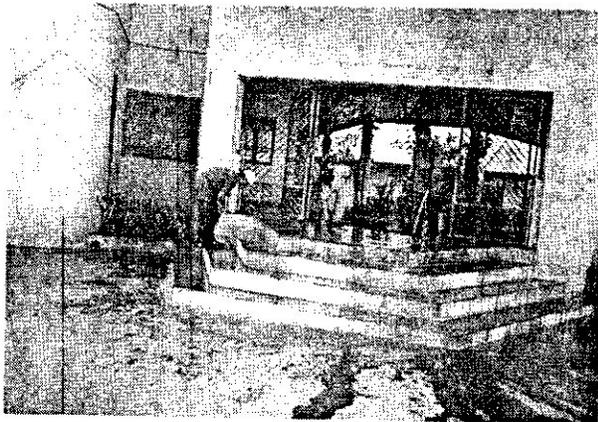
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THE M. S. UNIVERSITY OF BARODA

## Faculty of Management Studies



Faculty of Management Studies



The Cleanliness day was observed on  
5th September 1999



Honourable Vice-Chancellor at MARQUEST '99

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

### I. PUBLISHED BOOKS AND MONOGRAPHS

Sr. No.	Name of Author(s)	Title of Book/Monograph	Detail of Publication
1	Sundararajan, S.	Book of Financial Terms, 2 <sup>nd</sup> Edition.	Tata McGraw-Hill Publishing Co. Ltd., New Delhi. Year 2000. Pages : 269

### II PUBLISHED ARTICLES / PAPERS

Sr. No.	Name of Author(s)	Title	Journal and Date of Publication
1.	Sundararajan, S.	1. Tax Planning is crucial at every stage.	Intelligent Investor, Mumbai, July 14, 1999. Page No. 64.
		2. A 'Key factors for success' Approach to Asset / Liability Management	ASCI Journal of Management, Vol.29(1), pp.29-32, Special Issue on Asset-Liability Management. Sept. '99.
2	Jadeja, J.D. Rana., P.	Challenges and Impact of E-commerce	Souvenir published at International Seminar on "Marketing on Internet" organised by Invertis Institute of Management Studies, Bareilly. Feb. 19-20, 2000.

### III PAPERS PRESENTED AT PROFESSIONAL LEVEL SEMINARS/CONFERENCES, ETC.

Sr. No.	Name(s) of Persons	Theme, Organiser's name, Place, Date of Seminar/ Conference, etc.	Title of Paper	Capacity in which participated
1.	Dholakiya, M.N.	The Twenty First Century Corporation - HRM Imperatives (National Seminar) Baroda Management Association at Hotel Holiday Inn, Baroda. 18 -19 Feb., 2000.	Knowledge Management	Presenter
2.	Sundararajan, S.	International Seminar, Department of Economics, Faculty of Arts, M.S. University of Baroda. Nov.23-26, 1999.	Is Private Capital Getting Displaced?	Presenter

### IV TALKS OF ACADEMIC NATURE GIVEN AT DIFFERENT UNIVERSITIES/INSTITUTIONS

Sr. No.	Name(s) of Persons	University/Institution and Date	Title of Lecture	Capacity in which participated
1.	Dholakiya, M.N.	1. Seminar on HRM-Materials Management Interface (January 2000).	Role of IT in HRM - Materials Management Interface	Keynote Speaker

**17. Faculty of Management Studies**

		2. Information Technology in the HRM function organised by Indian Society for Technical Education. February 2000.	Information as a Resource in HRM Function	Chief Guest
		3. Management Development Programmes organised by Railway Staff College. (4 talks) in Aug.'99, Oct.'99, Dec.'99 & Jan.'2000.	a. Communication Strategy b. Effective Strategic Management c. Change Management d. Communication Strategy	Expert Faculty
		4. Ramakrishna -Vivekananda Centre and BMA - Annual Meet. March 2000.	Responsible Leadership	Speaker
2.	Sundararajan, S.	S.P. Jain Institute of Management & Research, Mumbai. June 1999.	Risk Management Through Derivatives	Visiting Faculty
3.	Jadeja, J.D.	Training Programme for doctors of Primary Health Centre (PHC), Padra. Feb.9, 2000.	Planning Challenges for Doctors of Health Centres	Resource Person
4.	Sarupria, D.S.	1. "Promoting Creativity and Innovation" organised by Engineers' India Ltd. at Hotel Surya Palace. Baroda, Aug. 12, 1999. 2. Special Lecture Series organised by Alembic Chemicals Ltd., Baroda. Feb. 25, 2000. 3. Workshop organised by Methodist Technical Institute, Baroda. Jan. 5, 2000.	Risk Taking and Experimentation  Holistic Approach in People's Management  Business Game	Resource Person  Resource Person  Facilitator
5.	Kantawala, A.S.	Workshop on Business of Biotechnology organised by B.V. Patel Pharmaceutical Education and Research Development Centre at Vallabh Vidyanagar. Oct. 28, 1999.	Project Management	Resource Person

**V. PARTICIPATION IN PROFESSIONAL PROGRAMMES, WORKSHOPS, SUMMER SCHOOLS ETC.:**

Sr. No.	Name(s) of Persons	Programme, Place and Date(s)	Capacity in which participated
1.	Dholakiya, M.N.	Assessment Visit for-National Assessment and Accreditation Council (NAAC) a. Narsee Monjee Institute of Management Studies (NMIMS) 8-9 Sept., '99. b. Lal Bahadur Shastri College of Commerce & Economics (Bombay University) 24-25 Feb., 2000	Member, Peer Team
2.	Jadeja, J.D.	1. One day National Seminar on "Challenges of Cotton Business" organised by All India Cotton Dealers Association at Ahmedabad. Feb. 11, 2000. 2. One Day Seminar on E-commerce Managers Tomorrow organised by SEMCOM, Charutar Vidya Mandal, Vallabh Vidyanagar. March 2, 2000.	Participant Participant
3.	Sarupria, D.S.	Twenty First Century Corporation - HRM Imperatives organised by Baroda Management Association at Hotel Holiday Inn, Baroda. Feb. 18 - 19, 2000.	Participant
4.	Sharma, S.U.	Twenty First Century Corporation - HRM Imperatives organised by Baroda Management Association at Hotel Holiday Inn, Baroda. Feb. 18 - 19, 2000.	Participant

## 17. Faculty of Management Studies

### PARTICIPATION IN PROFESSIONAL PROGRAMMES, WORKSHOPS, SUMMER SCHOOLS ETC.:

#### 1. "Marquest '99":

The students at Faculty of Management Studies (Management Students Forum, MSF) organised a "Marquest '99", a marketing fair to address the critical needs of manufacturers and traders. It was held between 22<sup>nd</sup> and 24<sup>th</sup> October, 1999 at Donors Plaza in the vicinity of Faculty of Management Studies. The objectives of "Marquest'99" were to provide an open platform for an interaction between the consumers and industry. So a triad of Students, Industries and Consumers was created. The fair provided a launch pad for new products/technologies of participating companies. The theme of the "Marquest'99" was the 'Life Styles for the New Millennium' where three sectors were chosen i.e. Services, Home and Trends 2000. Some of the participant companies were IDBI Bank, Indus Ind Bank, Ajanta Clock, Compaq Computers, Asset (Alkapuri), LCC, Mirch Masala, Easy Call, WWF, LMP Motors, Alembic Glasses, Vcare, Karrox, etc.

Impeccable planning was done to provide the minutest detail about the fair to the public. These include information and guidance booth, sufficient parking place, a food village, first aid, telephone services and round the clock security services.

The companies were offered a unique value addition package:

- A market research report of the various industries.
- Vital data pertaining to the demographic and psychographic profile of the consumers.

"Marquest'99" was formally inaugurated by Dr. Anil Kane, Hon'ble Vice Chancellor of The M.S. University of Baroda. The Hon'ble Vice Chancellor said that " **Quest for knowledge is the driving force for success. Marquest caters to the same for everybody; be it corporates, academicians or the ultimate consumers**". The Hon'ble Vice Chancellor also spent a lot of time interacting with students and stall owners. On all the three days, huge turnout of visitors approximately 20,000 thronged the stalls. A sizeable number of corporate bigwigs, heads of institutions, managers, entrepreneurs and students attended the fair.

The star attraction for the visitors was playing the professionally designed management games according to their demographic profiles and consumption patterns. Students were well equipped with computer terminals and custom made software packages. These games provided useful data about the consumers to the companies. Another game was brilliantly conceptualized Investment Game. It was open to all visitors.

#### 2. THE IPCL TRAINING PROGRAMME:

A three month training programme was conducted in the Faculty for the Management Trainees of IPCL from 30-09-99 to 4-1-2000 to make the industry - faculty interaction more prominent and that would go a long way to cater to the needs of the industry in management education. It was an amalgamation of theory and practice. The number of participants were 30.

#### 3. THE CLEANLINESS DAY:

To imbibe the feelings of cleanliness and dignity of labour, cleanliness day were observed on 5th Sept. 1999 (coinciding with the Teacher's Day) and 19<sup>th</sup> Dec. 1999 where the students and members of the Faculty took active part. The Management Trainees from IPCL also took active part in the event.

#### 4. STUDENTS ACTIVITIES :

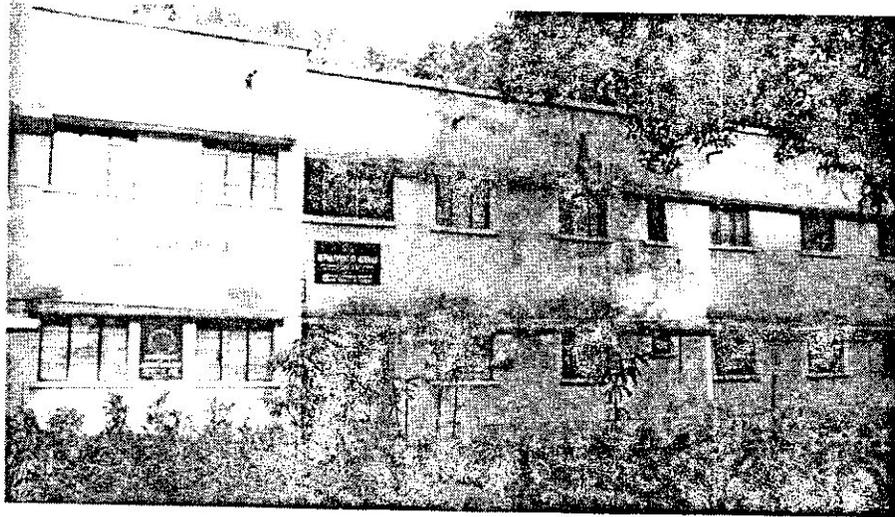
- a. The students of the Faculty participated in the national level workshop "The Brand Affaire and World Strategy Forum' held at Nehru Centre, Mumbai from 14-17 Oct., 1999 where the Management Schools from all over India also participated. The students kept a stall and displayed the information about the University and the Faculty.
- b. The Students of FMS participated in TRANSCEND '99 organised by symbiosis Institute of Business Management (SIBM). They also participated in Fest-O-Com event organised by Symbiosis Institute of Mass Communication (SIMC) at Pune where they won several prizes.
- c. With the view to impart practical understanding of managerial learning and innovation, Management Students' Forum (MSF) took up Marketing research and business development assignments for various companies viz., wipro, IDBI Bank, Compaq, Aptech, etc.
- d. The students of FMS participated in BITA (Baroda Information Technology Association) fair at Akota Stadium, Vadodara and did the Market Research for the BITA fair.



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## Faculty of Journalism and Communication



Faculty of Journalism and Communication



Television Production by Students



The Faculty members and students - Smiling high



A folk media performance by the students

## 18. Faculty of Journalism & Communication

### I PUBLISHED ARTICLES / PAPERS IN JOURNAL

Sr. No.	Author (s)	Title	Details of Publication
1	Tewari, S. K.	Training Journalists for IT Era	Contemporary Academician, Volume IX, No. 22, Page No. 16, February 16-29, 2000.

### II 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
	Tewari, S. K.	International Seminar on 'Mass Media in the Next Millenium' : Challenges and Prospects in South Asia, held at Aligarh Muslim University, Aligarh on March 11-12, 2000, organized by Department of Journalism and Mass Communication, Aligarh Muslim University Aligarh.	Revising Journalism Syllabus to meet challenges of new technologies	Unpub-lished

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

Sr. No.	Name (s)	Nature of Professional Programmes*	Title	Capacity of Participation
1	Tewari, S. K.	Talk at Makhanlal Chaturvedi National University of Journalism, Bhopal On 14-15 January 2000. Workshop at Department of Journalism and Mass Communication, University of Lucknow, Lucknow on 24,25,27 and 28 January 2000.	Regional Language Press : Its Development and Impact on English Press Workshop on Communication Research Methodologies	Invited Speaker Resource Person
2	Chopra, N. A.	WOHTRAC Project of WSRC, M. S. University of Baroda, 22-23 December, 2000.	MEDIA Advocacy for Women's Holistic Health : Training and Research.	Resource Person
3	Shelat, M. U.	Workshop for Parents Amrit Vidyalaya, Kalol, October 30, 1999. UGC Interdisciplinay Workshop on Canadian Studies, February 19, 2000. Workshop, Faculty of Social Work, M. S. University and N.S.S., March 11, 2000	Media in Our Homes Canadian Children's Media Communication Skills	Resource Person Invited Speaker Invited Speaker

### IV CONTRIBUTION TO CONDUCT PROFESSIONAL PROGRAMMES

Sr. No.	Name (s)	Programme (s) , Place and Date (s)	Capacity of Participation
1	Shelat, M. U.	Department of Extension and Communication, Faculty of Home Science, M.S. University of Baroda, Vadodara. National Seminar on Development Communication, January 27-29, 2000. Womens Studies Research Centre, M.S. University of Baroda, Vadodara. 'Women in Media' Workshop organized on March 8, 2000.	Participant Participant

**18. Faculty of Journalism & Communication**

**V PERFORMANCES BY INDIVIDUAL / GROUP**

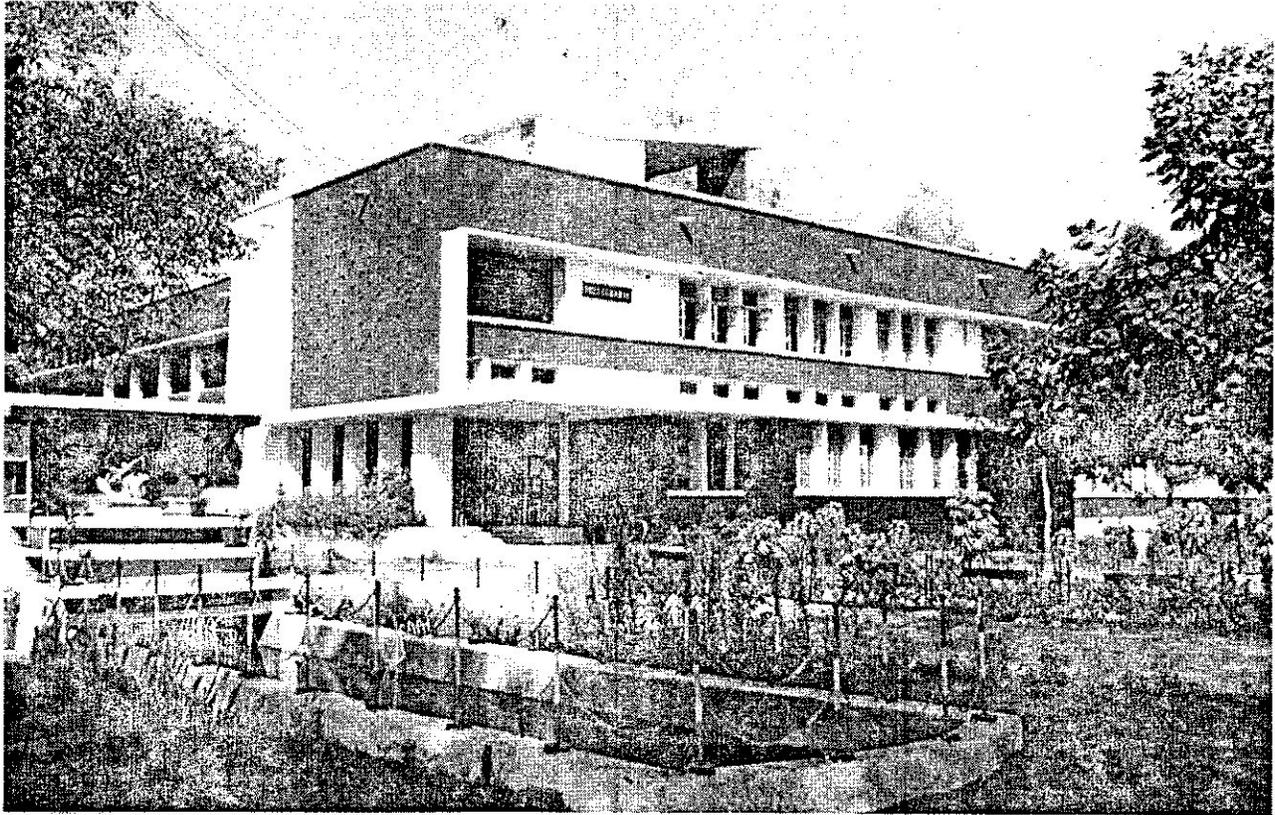
<b>Sr. No.</b>	<b>Name(s)</b>	<b>Place and Date(s)</b>	<b>Nature of Performance</b>
1	Chopra, N. A.	Department of Extension and Communication, Faculty of Home Science, M.S. University of Baroda, Vadodara. National Seminar on Development Communication, January 27-29, 2000.	Participant
2	Chopra, N. A. Shelat, M. U.	Women's Studies Research Centre, M.S. University of Baroda, Vadodara. 'Women in Media' Workshop organized on March 8, 2000.	Participant



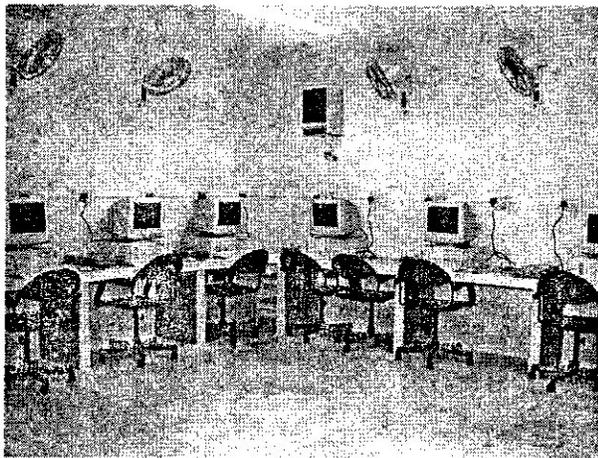
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## Polytechnic



Polytechnic



Newly developed Computer room.



Students activities.

## 19. Polytechnic

### I (A) PUBLISHED BOOKS (B) MONOGRAPHS (C) EDITED VOLUMES

Sr. No.	Name(s) of Author(s)	Title	Details of Publication
<b>Department of Applied Mechanical Engineering</b>			
1.	Patel S.M.	"Remedial Measures of Soil Pollution"	Proceedings of National Seminar on "Geo Technical Aspects of Hazardous Waste Management for the Next Millennium" GAHWM - 2000. Conducted at DDIT, Nadiad on 11 <sup>th</sup> March 2000. Page 17.1 to 17.8
<b>Department of Mechanical Engineering</b>			
1.	Qureshi M.N.	Total Quantity in Engg. Education Faculty Development	<p>Proceedings of XXIX Annual Convention &amp; National Seminar on Management of Technical Education at the 21<sup>st</sup> Century, December 10-12, 1999.</p> <p>1. Page No. 91 (Abstract) Total Quality in Engg. Education</p> <p>2. Page No. 106 (Abstract) Faculty Development</p>

### II PAPERS PRESENTED AT INTERNATIONAL/ NATIONAL/ STATE LEVEL SEMINAR/ CONFERENCE, ETC.

Sr. No.	Author(s)	Theme, Organising Body, Place, and Date of Seminar/Conference	Title of the Paper	Published/ Unpublished
<b>Department of Mechanical Engineering</b>				
1.	Qureshi M.N.	National Seminar on Management of Tech. Education in the 21 <sup>st</sup> Century. Dec. 10-12 '99	<p>1. Total Quality in Engg. Education</p> <p>2. Faculty Development</p>	<p>1. Page No. 91 (Abstract) Total Quality in Engg. Edu.</p> <p>2. Page No. 106 (Abstract) Faculty Development.</p>

### III TALKS OF ACADEMIC NATURE IN PROFESSIONAL PROGRAMMES

Sr. No.	Name (s)	Nature of Professional Programmes	Title	Capacity of Participation
<b>Department of Mechanical Engineering</b>				
1.	Patel J.T.	I.S.T.E. National Convention at Perundurai Erode 10-12 Dec. 1999	Management of Technical Education in 21 <sup>st</sup> Century.	Panel Member
2.	Qureshi M.N.	(i) Short Term Training Programme : Sponsored by AICTE/ISTE 9-12-99 to 22-12-99	CAD/CAM Work Station	Participant
		(ii) National Seminar Conducted by The Institute of Engineers on 16 <sup>th</sup> Oct.' 99	Air - Pollution - Development at What Cost ?	Participant

**19. Polytechnic**

**Department of Petrochemical Technology**

1.	Telpande, A.G.	1. Methodology of Teaching" at CASE, Faculty of Education & Psychology, M.S. University of Baroda on 24 <sup>th</sup> August, 1999.	"Methodology of Teaching in Laboratory & Workshop" (An Invited Lecturer)	Faculty
		2. Entrepreneurship Development Programme in Packaging of Plastics sponsored by Ministry of Food Processing by GIRDA. Govt. of Gujarat at Sayajigunj, Baroda on 13 <sup>th</sup> Jan. 2000	"Entrepreneurship & Management Development for Peace & Prosperity in 21 <sup>st</sup> Century (An Invited Lecturer)	Faculty
		3. Diploma in Industrial Safety, by Gujarat Safety Council Baroda in Feb. 2000.	"Concept of Safety Management" (An Invited lecturer)	Faculty
		4. Member of the Audit team for ISO-9000.	Technical Audit of Chemical & Petrochemical Industries by DNV, Netherlands	

**IV CONTRIBUTION TO CONDUCT PROFESSIONAL PROGRAMMES**

Sr. No.	Name(s)	Programmes(s), Place and Date	Capacity of Participation
<b>Department of Mechanical Engineering</b>			
1.	Bhavsar, K.M.	Winter School on "Computer Aided Drafting" sponsored by AICTE-ISTE, New Delhi conducted at Polytechnic, The M.S. University of Baroda during 22 <sup>nd</sup> Nov. 99 to 4 <sup>th</sup> Dec. 99	Co-ordinator
2.	Das, A.A.	Winter School on "Computer Aided Drafting" organised by Mech. Engg. Dept. Polytechnic from 22-11-99 to 4-12-99, sponsored by AICTE & ISTE. Seminar on CAD-CAM and Quiz for students in ISTE Students' Chapter on 20-2-2000	Participant Organising member & quiz master
3.	Patel, J.T.	29 <sup>th</sup> I.S.T.E. National Convention, Erode 10-12 Dec. 1999 Seminar on Professional Excellence and Dignity, 4 <sup>th</sup> Dec. 1999	Co-ordinator Secretary ISTE Gujarat Section.
4.	Qureshi, M.N.	Short Term Training Programme on Computer Aided Drafting sponsored by AICTE/ISTE during 22-11-99 to 4-12-99 for Teachers invited from all over India. One Day Seminar on "Advanced CAD/CAM with Master CAM for students on 20 <sup>th</sup> Feb. 2000 Quality Communication Week 31 <sup>st</sup> Jan. 2000 to 6 <sup>th</sup> Feb. 2000 at Polytechnic, M.S. University of Baroda.	Co-ordinator Co-ordinator
5.	Sheth, B.J.	Winter School on 'Computer Aided Drafting" sponsored by AICTE-ISTE, New Delhi conducted at Mech. Engg. Dept., Polytechnic, The M.S. University of Baroda, Vadodara during 22 <sup>nd</sup> Nov. 1999 to 4 <sup>th</sup> Dec. 1000 (Two weeks)	Faculty Advisor

**19. Polytechnic**

**V PERFORMANCE BY INDIVIDUAL/GROUP**

Sr. No.	Name(s)	Place and Date(s)	Nature of Performance
<b>Department of Mechanical Engineering</b>			
1.	Chavda, K. H.	14-11-99 : Bharuch 21-8-99 : Gandhinagar 7-5-99 : Surat 21-5-99 : Gandhinagar	1. One Act Play Best actor name of the play : वो सुबह कभी तो आयेगी 2. IInd Prize & Directed पोपट भूष्यो नथी 3. Three Act Play : प्रीत करे ते नए 4. Aids Awareness street play at Bharuch, Jaghadhiya, Surat, Vapi in April '99. 5. Working as a "CARE TAKER" for the Post of Associated NCC — Officer, in NCC representing Polytechnic, Baroda.
2.	Das, A.A.	Summer School on "Industry - Institute Symbiosis" sponsored by AICTE-ISTE. Winter School on Computer Aided Drafting sponsored by AICTE-ISTE from 22-11-99 to 4-12-99 Winter School on "CAD-CAM Work station" organised at Minkni Amol Polytechnic Uttivamevov (Tamil Nadu) Sponsored by AICTE - ISTE, from 9-12-99 to 22-12-99	Participant Participant Participant

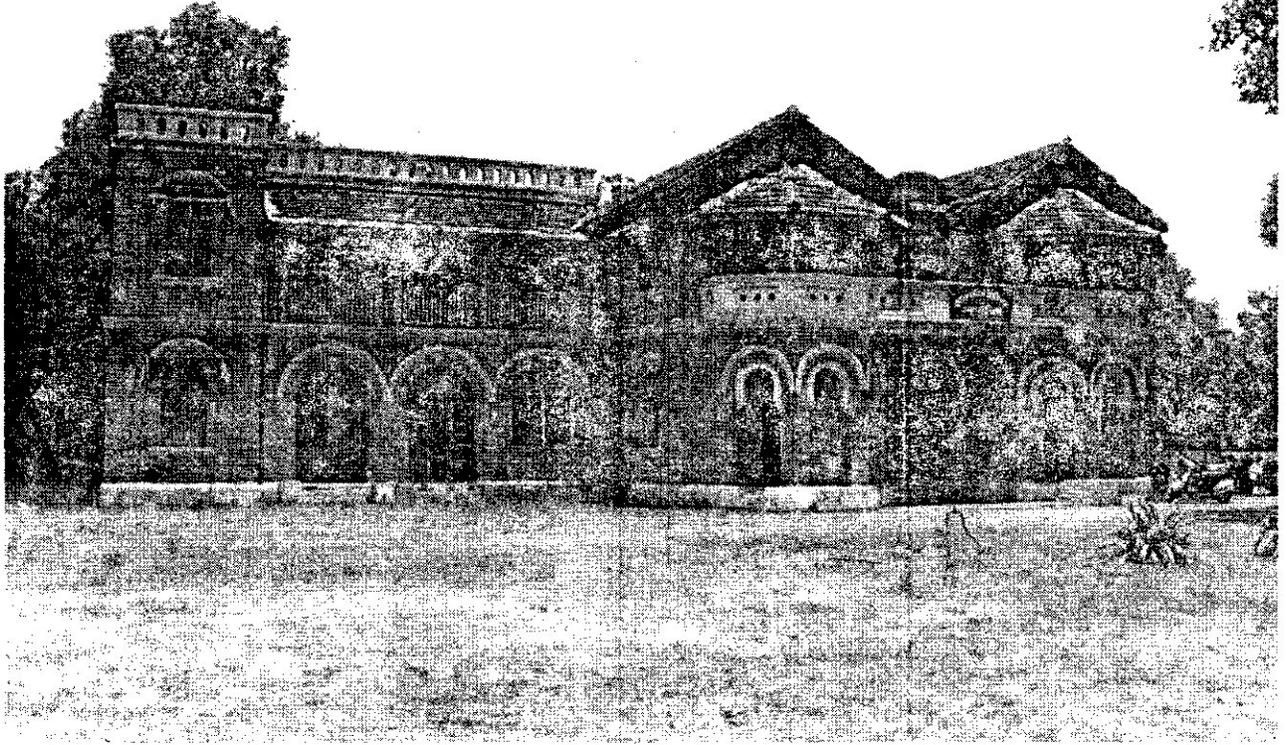
**VI STATE / NATIONAL / INTERNATIONAL AWARDS AND DISTINCTION OF ACADEMIC NATURE**

Sr. No.	Recipient	Description of Award	Contribution Made by Recipient
<b>Department of Mechanical Engineering</b>			
1.	Patel, J.T.	Appreciation of Long services and achievement of Head Quarter	For long service and as Founder Secretary, ISTE Gujarat Section.
2.	Qureshi, M.N.	"Best Students Chapter" in Gujarat 10 <sup>th</sup> - 12 <sup>th</sup> Dec. '99	As a Faculty Advisor conducted Programme viz. Seminar / Quiz Test / audiovisual quiz / visit to industries / Computer Training etc. At XXIX Annual Convention held at Erode, Tamilnadu during 10-12 Dec. '99.



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THE M. S. UNIVERSITY OF BARODA  
**Baroda Sanskrit Mahavidyalaya**



Baroda Sanskrit Mahavidyalaya



Acharya Sammelenam-1008 Ajendraprasadji



Orientation cum Refresher Course(inauguration)  
by H.E. The Governor of Gujarat  
Shri Sunder Singh Bhandariji

## 20. Baroda Sanskrit Mahavidyalaya

### I (A) PUBLISHED BOOKS (B) MONOGRAPHS (C) EDITED VOLUMES

Sr. No.	Author(s)	Title	Details of Publication
	Shukla, U.H.	Shri Vaishnav Panchang	Sri Vittal Prakashan Kandivali, Mumbai Published in Nov. 1999. Page 200.

### II PUBLISHED ARTICLES / PAPERS IN JOURNAL

Sr. No.	Author (s)	Title	Name of Journal, Volume, Number, Part, Page Numbers and Date
1	Pandey, H.M.	"Significance of Vastushastra in Town Planning"	"Surabharati" Published in 1999-2000 Page No. 91-98
2	Shukla, R.A.	"Vedangani Tesham Upayogita Cha"	"Surabharati" Published in 1999-2000 Page No. 71-74
3	Vijayaraghavan, V.S.	"Isvarah Sarvagnah?"	"Surabharati" Published in 1999-2000 Page No. 42-45

### 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
1	Pandey, H.M.	Seminar on 1. "Medical Astrology", (31 <sup>st</sup> July 1999 In Home Science Auditorium, Organised by Baroda Sanskrit Mahavidyalaya). 2. U.G.C. Seminar on the "Significance of Vastushastra in Town Planning"(National Level Seminar for three days i.e. 17,18,19. Feb. 2000 organised by The Baroda Sanskrit Mahavidyalaya)	"Medical Astrology"  "Nagararachana in Vastushastra"	Unpublished  Unpublished]
2	Purohit, K.J.	Seminar on 1. "Medical Astrology", ( 31 <sup>st</sup> July 1999 In Home Science Auditorium Organised by Baroda Sanskrit Mahavidyalaya" 2. U.G.C. Seminar on the "Significance of Vastushastra in Town Planning"(National Level Seminar for three days i.e. 17,18,19. Feb. 2000 organised by The Baroda Sanskrit Mahavidyalaya)	"Astrological Remedies for Different Diseases"  1. "Vastushastra ni drushtie nagarana prakaro ane teni rachana" 2. "Gramakakini ka vichar"	Unpublished  Unpublished Unpublished
3	Vijayaraghavan, V.S.	(State Level Seminar conducted by Gujarat Adhyapak Mandal)	"Tholappar and his contribution to Dharmashastra"	Unpublished
4	Shukla, R.A.	"	"Vedah kim Sandisanti"	Unpublished

**20. Baroda Sanskrit Mahavidyalaya**

**IV TALKS OF ACADEMIC NATURE IN PROFESSIONAL PROGRAMMES**

Sr. No.	Name (s)	Nature of Professional Programmes*	Title	Capacity of Participation
1	Pandey, H.M.	Sanskrit Year Celebration	Sanskrita Varsham Janayati Harsham 4-12-1999	Delegate
2	Purohit, K.J.	Valuers Association of Gujarat	The Significance of Vastu-shastra 17-19-2-2000	Delegate

**V CONTRIBUTION TO CONDUCT PROFESSIONAL PROGRAMMES**

Sr. No.	Name (s)	Programme (s), Place and Date (s)	Capacity of Participation
1	Pandey, H.M.	Orientation Cum Refresher Course Place: Baroda Sanskrit Mahavidyalaya From 19.2.2000 to 15.3.2000	Director
2	Shukla, U.H.	Refresher Course Place: Saurashtra University, Rajkot From 15.11.99 to 05.12.99.	Participant
3	Shukla, R.A.	Orientation Cum Refresher Course Place: Baroda Sanskrit Mahavidyalaya From 19.2.2000 to 15.3.2000	Participant
4	Vijayaraghavan, V.S.	1. Vastu Seminar, Baroda Sanskrit Mahavidyalaya 17 to 19.2.2000 2. Medical Astrology, Baroda Sanskrit Mahavidyalaya at Home Science Auditorium on 31 <sup>st</sup> July 1999. 3. Orientation Cum Refresher Course Place: Baroda Sanskrit Mahavidyalaya From 19.2.2000 to 15.3.2000.	Coordinator Organizing Member President

**VI STATE/NATIONAL/INTERNATIONAL AWARDS AND DISTINCTIONS OF ACADEMIC NATURE**

Sr. No.	Recipient	Description of Award	Contribution Made by Recipient
1	Shukla, U.H.	"Vastu Pursha" on 19-2-2000 at B.S.M. by International Vastu Association	Public Service
2	Pandey, H.M.	"Vastu Pursha" on 19-2-2000 at B.S.M. by International Vastu Association	Social Service on the basis of Vastushastra



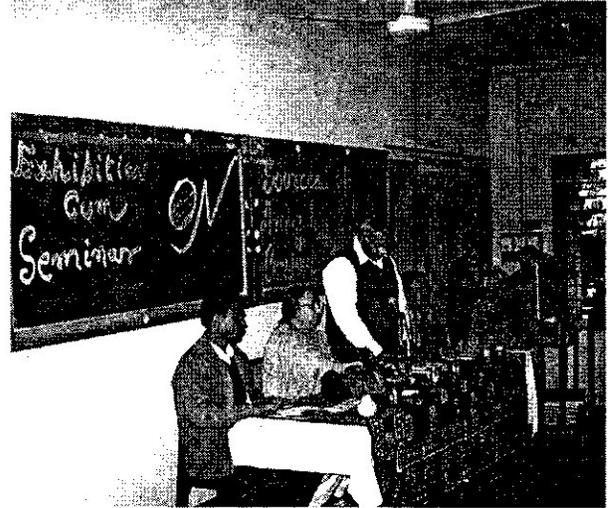
# 51st annual report

THE M. S. UNIVERSITY OF BARODA

Shri M. K. Amin Arts and Science College and  
College of Commerce, Padra



Shri M. K. Amin Arts and Science College and  
College of Commerce, Padra



Welcome address by Dr. Y. M. Naik at the exhibition-cum-  
Seminar held during 21 & 22 January, 2000.



Foundation stone for basketball court being laid by  
Hon'ble Vice Chancellor, Dr. Anil Kane at  
the College Campus.



Dr. Dipak Kumar De, Pro-Vice Chancellor, giving  
away prizes to students on Jan. 22, 2000.



Inauguration of exhibition by Prof. Maya Shah,  
Dean, Faculty of Arts at the College Premises on  
21 Jan. 2000.

## 21. M.K. Amin College of Arts and Science and College of Commerce, Padra

### I PUBLISHED ARTICLES/PAPERS IN JOURNAL

Sr. No.	Name(s)	Title	Details of Publications
<b>Department of Gujarati</b>			
1.	Kadri, M.A.	સમયાલેખનની કળા અને શૂન્ય પાલનપુરીનું સંશોધન	ધબક અંક ૩૪, જુન ૧૯૯૯
<b>Department of Hindi</b>			
1.	Ahire, W. V.	साहित्याराधक डा घर्मवीर भारती एवं उनकी जीवन दृष्टि	अनुमेहा, मार्च २००० वर्ष २२ अंक १
		गुजराती पत्रकारिता: उदभव और विकास	वीणा, अप्रैल २००० अंक ४ वर्ष ७३
2.	Sumant, L.S.	अपराधिनी (लघुकथा)	भाषासेतु अक्तुबर-दिसम्बर १९९९
		साहित्यिक संस्कृति के उपासक वि.स. खांडेकर (अनुवाद)	गुर्जर राष्ट्रवीणा दिसम्बर १९९९
		कहा जाएं	विवेकवाणी दिपावली विशेषांक १९९९
		एक सिगरेट एक अगरवत्ती (अनुवाद)	भाषासेतु जुलाई-सितम्बर, १९९९
<b>Department of Mathematics</b>			
1.	Tripathi, S.R.	Summability Factors Of Infinite Series	Ultra Scientists of Physical Sciences, Vol. 11, no. (3) 1999.
<b>Department of Business Economics</b>			
1.	Agrawal, S. & Patel, J.R.	Self Employment of Women and Structural Reforms	Indian Journal of Labour Economics Vol.43, No.4, Oct.-Dec.1999
		Growth of Informal Sector in Gujarat	The Business Review, Volume 6, No. 1&2, 2000.

### II PAPER PRESENTED AT PROFESSIONAL LEVEL SEMINAR/ CONFERENCE, ETC.

Sr. No.	Name(s) Author(s)	Theme, Organiser's Name, Place, Date, of Seminar, etc.	Title of the Paper
<b>Department of English</b>			
1.	Achar, D.	National Workshop on "Old and New . Historicism" organised by Forum on Contemporary Theory, M.S. University of Baroda, Baroda during November 1-4, 1999	Notes on the Ideology of Childhood in Modern India.
		National Workshop on Sexual Harassment in Universities organised by Olakh, Baroda, March 18-19, 2000.	Sexual Harassment in Universities: Some Conceptual Issues

**21. M.K. Amin College of Arts and Science and College of Commerce, Padra**

**Department of Gujarati**

1. Kadri, M.A. State level Seminar on "Ghazalkar Shoonya Palanpuri" held on May 9, 1999 at Premanand Sahitya Sabha, Vadodara.

**Department of Mathematics**

1. Tripathi, S.R. 15<sup>th</sup> Gujarat Science Congress organised by Gujarat Science Academy and Faculty of Science, M.S. University of Baroda, Vadodara during February 12-13, 2000 at Baroda. On Summability Factors of Infinite Series  
  
"National Seminar on Analysis" organised by Department of Mathematics, Madhav Vigyan Mahavidyalaya, Ujjain during February 12-13, 2000 A note on  $\frac{1}{2}N, q \frac{1}{2}k$  Summability Factors of Infinite Series

**Department of Business Economics**

1. Agrawal, S. International Women's Conference organised by TNAI, New Delhi and McMaster University Canada at New Delhi during Feb.26- March 2, 2000 Occupational and Wage Differentials between Men and Women in India
2. Agrawal, S. & Patel, J.R. International Women's Conference organised by TNAI, New Delhi and McMaster University Canada at New Delhi. during Feb.26- March 2, 2000 Gendered Development in India: Inter-Regional Variations  
  
UGC National Seminar on "The Role of Self-help Group in Rural Development in the New Millenium" held at Department of Economics, S.V. University P .G. Centre, Kavali during Feb.13-14, 2000 Voluntary Organisations and Economic Empowerment of Women: A Case Study of KBBST, Baroda.

**III CONTRIBUTION TO CONDUCT PROFESSIONAL PROGRAMMES**

Sr. No.	Name of	Programme, Place and Date	Capacity in which participated
<b>Department of Economics</b>			
1.	Ahmed, S. Z.	World Bank aided Faculty Upgradation Programme in Environmental Economics held at IGIDR, Mumbai during Oct.12-November 5,1999.	Participant
		International Seminar on Development Issues of the Third World Countries organised by Department of Economics, Faculty of Arts M. S. University of Baroda, Baroda on November 22-26, 1999	Participant
		UGC sponsored National Workshop on Internet and its Usage in Social Sciences conducted by NASSIC, M.S. University of Baroda, Baroda during March 8-10, 2000.	Participant
<b>Department of Gujarati</b>			
1.	Kadri, M.A.	State Level Seminar on "Ghazalkar Shoonya Palanpuri" held on May 9, 1999 at Premanand Sahitya Sabha, Vadodara	Seminar Organiser

## 21. M.K. Amin College of Arts and Science and College of Commerce, Padra

### Department of Mathematics

1. Tripathi, S.R. 15<sup>th</sup> Gujarat Science Congress organised by Gujarat Science Academy and Faculty of Science, M.S. University of Baroda, Baroda during February 12-13, 2000 at Baroda. Paper presenter and Delegate
- "National Seminar on Analysis" organised by Department of Madhav Vigyan Mahavidyalaya, Ujjain during February 12-13, 2000 Participant and Paper presenter

### Department of Statistics

1. Pandya, M.D. Refresher Course in Statistics at Gujarat University, Ahmedabad during February 24-March 15, 2000. Participant

### Department of Business Economics

1. Agrawal, S. World Bank aided Faculty Upgradation Programme in Environmental Economics held at Indian Statistical Institute, Calcutta November 1-26, 1999. Participant
- Worked for the Research Project on Liberalisation and Labour Market Flexibility in India undertaken by Institute for Human Development sponsored by Department of Statistics, Ministry of Planning, Government of India. Local Co-ordinator
- International Women's Conference organised by TNAI, New Delhi and McMaster University Canada at New Delhi. During February 26-March 2, 2000. Participant and paper presenter
- UGC National Seminar on "The Role of Self-help Group in Rural Development in the New Millenium" held at Department of Economics, S.V. University P .G. Centre, Kavali. during February 12-13, 2000. Participant and paper presenter
- UGC sponsored National Workshop on Internet and its Usage in Social Sciences conducted by NASSIC, M.S. University of Baroda, Baroda during March 8-10, 2000. Participant

## IV RESEARCH PROJECT UNDERTAKEN

Minor research Project being undertaken by Tripathi S.R. Department of Mathematics entitled "A study on Some Summability Methods" funded by UGC.

## V ANY ACTIVITY OF ACADEMIC/SOCIAL SIGNIFICANCE ORGANISED BY THE FACULTY NOT INCLUDED UNDER PREVIOUS ITEMS

1. Seminar on "Gazhalkar Shoonya Palanpuri" organised by Department of Gujarati on May 9, 1999 at Premanand Sahitya Sabha, Vadodara.
2. Seminar Cum exhibition on Sources of Archaeology and History of the Gujarat Region during January 21-22, 2000 in the College by Department of Archaeology and History.



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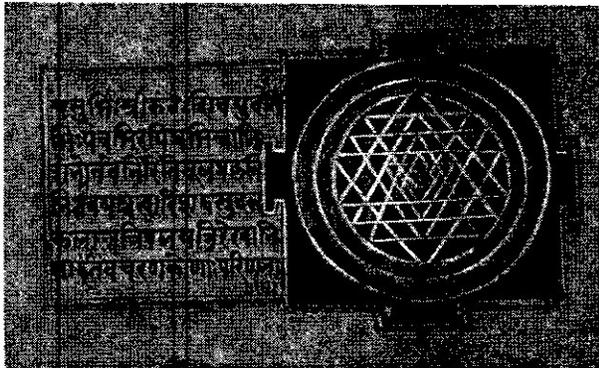
## Oriental Institute



Oriental Institute



Jagadguru Sankaracarya Sri Niscalanandji Swami Maharaj of Jagannatha Puri, visiting the institute.



Sriyantra - a leaf from an illustrated manuscript of Saundaryalahari.



Visnupurana Vol.II being released by Prakatabrahmasvarupa Sri Pramukhaswami Maharaj.

## 22. Oriental Institute

- I 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. Shri Shishujnanamala
9. Matushri Jamanabai Smarak Granthmala.

**Post-Graduate Teaching**

As a part of 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 for Ph.D.

(A) PUBLISHED BOOKS			(B) MONOGRAPHS	(C) EDITED VOLUMES
Sr. No.	Author(s)	Title		Name of Publisher, Date and Year of Publication & Total Pages
1	Nanavati, R.I.	(a) Essays on Sanskrit Poetics		Registrar, M.S.University, Baroda. 1998 (Pub. in May 1999) pp.4 + 147
		(b) संस्कृत रूपको : गुजरातनुं प्रदान (सं.) (परिसंवाद : 'गुजरातनुं रूपकोना क्षेत्रे प्रदान' अलेवाल).		प्राच्यविद्या मंदिर, म.स. युनि., वडोदरा. १९९९.
2	Wadekar, M.L. and Joshi, P.H. [Editors]	“धर्मं सर्वं प्रतिष्ठितम्” Dharma for Stability of All- A Collection of articles of Pt. Jagannatha Padeshastri		Bharatiya Kala Prakashan, Delhi, February 2000, pp.i-xxvi and 1-155.
3	Wakankar, S.Y.	“Yādavendramahodaya of Nilakanṭha with the commentary of V. S. Ranade” - A Critical Edition and Study		Bharatiya Kala Prakashan, Delhi, 2000, pp.284.

**III PUBLISHED ARTICLES/PAPERS**

Sr. No.	Author(s)	Title	Name of Journal. Volume, Number/Part, Page Number & Date
1	Nanavati, R.I.	(1) महाकाव्यलक्षणविवार : गुजरातनुं प्रदान	गुजरातनुं संस्कृतक्षेत्रे प्रदान (महाकाव्य-कथा) सं. नीलांबना शाह, गांधीनगर, १९९९
		(2) स्वागत प्रवचन : गुजरातनुं संस्कृत नाटक : केटलाक प्रश्नी.	'संस्कृत रूपको : गुजरातनुं प्रदान,' स्वाध्याय, पुस्तक-३४, अंक १-४, १९९९, पृ. ix-xi.
2	Wadekar, M.L.	(1) कवि यशःपालनुं मोहराजपरान्य - ऐक रूपकात्मक नाटक	Swadhyaya, Pustaka 34, Añka 1-4, Nov.96 Aug.97, published in May 1999, pp.111-119.

**22. Oriental Institute**

	(2) तापीमालात्म्य - એક પરિચય	Swadhyaya, Pustaka 35, Anka 1-2, Oct. 1999, pp.63-66.
3 Joshi, P.H.	(1) ઇન્દ્રિયસંવાદનાટક - ભાવનગરના રાજવીની પ્રશસ્તિનું નાટક	Swadhyaya, Pustaka 34, Anka 1-4, Nov.96 Aug.97, published in May 1999, pp.199-208.
4 Wakankar, S. Y.	વિપ્રવિડમ્બનનાટકમ્ - ગુજરાતનું એક અપ્રકાશિત પ્રહસન	Swadhyaya, Pustaka 34, Anka 1-4, Nov.96 Aug.97, published in May 1999, pp.193-198
5 Brahmachari, U.M.	ભીમવિક્રમવ્યાયોગ - એક સમીક્ષા	Swadhyaya, Pustaka 34, Anka 1-4, Nov.96Aug.97, published in May 1999, pp.169-176
6 Prajapati, S.C.	(1) 'Maṅgala Verse of Nyāyasiddhāntamuktāvali: Mahādeva Bhaṭṭa Versus Rāmarudra'	Sambodhi, L.D.Institute of Indology, Ahmedabad, Vol.XXII pp.39-42, March 2000.
	(2) શ્રી મૂળશંકર યાજ્ઞિકનાં નાટકો : એક અભ્યાસ	Swadhyaya, Pustaka 34, Anka 1-4, Nov.Aug.1997, published in May 1999, pp.221-228
	(3) રથુદેવકૃત 'મુક્તિવાદ'	Swadhyaya, Pustaka 35, Anka 1-2, Oct. 1999, pp.193-198
7 Pathak, M.P.	(1) મક્ષિકામકર-દમ્ - એક અધ્યયન	Swadhyaya, Pustaka 34, Anka 1-4, Nov.Aug.1997, published in May 1999, pp.81-88
	(2) 'હમ્મીરમદમર્દન' - એક અધ્યયન	Swadhyaya, Pustaka 34, Anka 1-4, Nov.Aug.1997, published in May 1999, pp.105-110
8 Umrethiya, J.K.	'ગુજરાતનાં સંસ્કૃત નાટકો : ગુજરાતી અનુવાદો'	Swadhyaya, Pustaka 34, Anka 1-4, Nov.Aug.1997, published in May 1999, pp.19-28.

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

Sr. No.	Author(s)	Theme, Organizing Body and Date of Seminar / Conference	Title of Paper
1	Nanavati, R.I.	(1) જૈન-બૌદ્ધ દર્શનનોનું સાંસ્કૃતિક પ્રદાન (પરિસંવાદ), સંસ્કૃત સાહિત્ય અકાદમી અને ગુજરાત વિદ્યાપીઠ, અમદાવાદ, ૪-૫ ઓગસ્ટ ૧૯૯૯. સમાપન બેઠકનું અધ્યક્ષીય વક્તવ્ય (2) National Seminar: Relevance of Sanskrit in 21st Century, Deptt. of Sanskrit, Faculty of Arts, M.S.U., Baroda. 23-3-2000	જૈન-બૌદ્ધ દર્શનોનાં લાક્ષણિક તત્ત્વો Relevance of Sanskrit Poetics
2	Wadekar, M.L.	(1) National Seminar on "The Significance of Vāstuśāstra in Town-planning", Baroda Sanskrit Mahavidyalaya, Vadodara, 17-19 Feb.2000 (2) National Seminar: "Relevance of Sanskrit in 21st Century", Deptt. of Sanskrit, Faculty of Arts, M.S.U., Baroda. 23-3-2000	"Town - Planning According to Mayamatam" Relevance of Dharmasāstra in the 21st Century

**22. Oriental Institute**

3	Wakankar, S.Y.	National Seminar: "Temple Arts and Architecture" organized by the Sukrutindra Oriental Research Institute, Kochin, 22-24 Oct. 1999.	"Contribution of Somapurās of Gujarat"
4	Brahmachari, U.M.	National Seminar on "The Significance of Vāstuśāstra in Town-planning", Baroda Sanskrit Mahavidyalaya, Vadodara, 17-19 Feb.2000	Nagara Racanā as per Kautīlyā's Arthaśāstra
5	Prajapati, S.C.	All India Kalidasa Samaroha, Vikram University, Ujjain, 19-25 November 1999.	'Tavāsmi Dāsaḥ : A Poem of Imitation'
6	Pathak, M.P.	National Seminar on "The Significance of Vāstuśāstra in Town-planning", Baroda Sanskrit Mahavidyalaya, Vadodara, 17-19 Feb.2000	House - Planning According to Matsyapurāna

**V TALK OF ACADEMIC NATURE IN PROFESSIONAL PROGRAMMES**

Sr. No.	Name(s)	Nature of Professional Programmes	Title	Capacity of Participation
1	Nanavati, R.I.	(1) Centre of Advanced Studies in Sanskrit, Pune. Orientation Program. 22 July 1999	Environment in Kālidāsa's Epics	Invited Speaker
		(2) M.T.B. Arts College, Surat. Extra Mural Lecture. 29 July 1999	'विक्रमोर्वशीयम्' मां संरचनानो प्रश्न	"
		(3) J.P.Shroff Arts College, Valsad. Extra Mural Lecture. 30 July 1999	कालिदासनां काव्योमां भारतवर्षनुं लौकिक वर्णन	"
		(4) Govt. Arts and Commerce College, Dharampur, Extra Mural Lecture, 30 July 1999	'विक्रमोर्वशीयम्' नां रसविन्दुओ	"
		(5) पथुषण व्याख्यानमाणा, मुंबई नैन युवक संघ, त।. ९ सप्टेम्बर १९९९	महाभारतनी उपकथाओ	"
		(6) Extra-Mural Lectures. Smt. Sadguna Arts College, Ahmedabad. 19-1-2000	Nirukta	"
		(7) Invited Lecture: World Association of Vedic Studies. India Branch, Delhi University, Delhi 24-3-2000	फलमपरितोपस्य : Traditional Viewpoint on Ūrūbhaṅgam	"
2	Wadekar, M.L.	Refresher Cum Orientation Course in Veda and Vedāṅga, organised by Baroda Sanskrit Mahavidyalaya, 19.2.2000 to 14.3.2000	"Veda and Vedāṅga"	Resource Person
3	Wakankar, S.Y.	(1) Oriental Manuscripts Library, Kerala Univ. Thiruvananthapuram 26-10-1999	"Elements of Manuscriptology"	Invited Speaker
		(2) Allahabad Museum, Allahabad, 28-11-1999	Indian Chess.	"
		(3) Golden Jubilee Celebration of Karnataka University, Dharwad, 1-3-2000	(1) Games in Sanskrit Literature and (2) Elements of Manuscriptology	"
4	Brahmachari, U.M.	Refresher course organised by the Sanskrit Mahavidyalaya, M.S.U., Baroda from 19th Feb. to 14th March 2000.	Veda and Vedāṅga	Participant

**22. Oriental Institute**

5	Prajapati, S.C.	Workshop: Indira Gandhi National Centre for the Arts, Univ. of Pune, Pune, 13-31st Dec., 1999	Palaeography and Manuscriptology	Participant
6	Pathak, M.P.	Refresher course organised by the Sanskrit Mahavidyalaya, M.S.U., Baroda from 19th Feb. to 14th March 2000.	Veda and Vedāṅga	Participant
7	Umrethiya, J.K.	(1) અખિલ ગુજરાત નાટ્ય પરિષદ, મહેસાણા. ઉપક્રમ- અસાઈત સા. સભા, ઊંજા. ૧૧-૧૩ સપ્ટેમ્બર, ૧૯૯૯ (2) પરિસંવાદ: ઉપક્રમ - ગુજરાતી વિભાગ, મ.સ. યુનિ. વડોદરા અને ગુજરાતી સા. અકાદમી, ગાંધીનગર, ૨૭-૨૮ નવેમ્બર, ૧૯૯૯ (3) પરિસંવાદ : ઉપક્રમ - ગુજરાત સા. અકાદમી. ગાંધીનગર, ૫-૬ માર્ચ, ૨૦૦૦	‘નાટ્ય પરિષદ’ ‘સાહિત્યનો ઇતિહાસ : વિભાવના, સામગ્રી અને લેખન’ ‘ગુજરાતી લોકગીત - પરિસંવાદ’	Participant Participant Participant

**VI STATE/NATIONAL/INTERNATIONAL AWARDS AND DISTINCTION OF ACADEMIC NATURE**

Sr. No.	Recipient	Description	Contribution Made by Recipient
1.	Nanavati R.I.	Function to honour Dr. Nanavati on his completion of 60 years. Sponsor : Sanskrit Seva Samiti, Ahmedabad, 4th May, 1999 Chairman : Pt. K.K. Shastri Chief Guest : Dr. A.S. Kane Two books Released on the occasion : (1) Essays on Sanskrit Poetics (2) સંસ્કૃત રૂપકો : ગુજરાતનું પ્રદાન Organizers : 1. Dr. L.M. Joshi 2. Prin. Udayan Shukla 3. Prof. M.L. Wadekar 4. Shri Ashok Jain	24Books, 80 Articles, 36 Years of Teaching and Research, Convening many seminars and national convention of AIOC-39 etc.

**VII PRINTED SECTION**

The Institute has a well-equipped library having collection of 47,646 books and bound periodicals.

**(A) BOOKS**

1. Recurring University Grant of Rs.50,000/- for the purchase of books and periodicals of the Institution.
2. Recurring University Grant of Rs.8,000/- for the purchase of books for Vishnupurana Project.
3. The Institute library had spent Rs.883/- from the U.G.C. grant for the purchase of books.
4. The Institute's library has spent Rs.57,291/- towards the purchase of books from the recurring University Grant.
5. We have received 150 books as gift from different sources.

**(B) NOTEWORTHY TITLES:**

1. Durgā as Mahiṣāsūramardini by I.S.Aiyar
2. Ancient Indian Rituals and Their Social Contents by N.N.Bhattacharya.
3. Indian Philosophy and Religion: A Guide by B.Padhi.
4. Encyclopaedia of Nāṭyaśāstra Vol.1 to 4 by R.Tripathi
5. Encyclopaedia of Tantra, Vol.1 to 5 by S. Santidev
6. Ancient Cities of the Indus Valley Civilization by J.M.Kenoyer

**22. Oriental Institute**

**(C) JOURNALS :**

130 journals are received by the Institute in exchange of "Journal of the Oriental Institute" and "Swadhyaya". A few of them are also received by way of gift. The Institute subscribes one journal "Marg".

**(D) COLLECTION OF BOOKS AND PERIODICALS**

Books including bound periodicals

		Cost
1.	Collection of books at the beginning of the year	47,252
2.	No. of books purchased	202
3.	No. of books received as gift	150
4.	No. of periodicals added during the year	42
5.	No. remaining at the end of the year	
	Total Cost	47,646
		9,22,738.55
		57,291.00
		--
		1,590.00
		9,81,619.55

**(E)** (1) The Institute has a Library which is open for the visitors on working days.

(2)	The daily number of readers visiting the library :	5
(3)	Total no. of books issued per day :	6
(4)	Average no. of books issued for home reading General collection	15
(5)	Average no. of books issued per reader :	10

**VIII PUBLICATIONS**

**(A) Volumes Published by Institute**

Sr. No.	Name of the Journal	Name of the editor	Period of Publication
1	Journal of the Oriental Institute (in English)	Nanavati R.I.	Quarterly (September, December, March, June)
2	Swadhyaya (in Gujarati)	Nanavati R.I.	Quarterly (Vasant Panchami, Akshaya Trutiya, Janmashtami and Dipotsavi)

In the year under report a combined issue of Nos. 1-4 of Vol. XXXIV of Swadhyaya is published.

Sr.No.	Name of the Series	Name of Publication
1	Gaekwad Oriental Series	1. <i>Paraśurāmakalpasūtra</i> 2. An Alphabetical List of Manuscripts in Oriental Institute Vol. I and II
2	Shri Sayaji Balajnamala	1. સંત એકનાથ 2. સંત તુકારામ
3	Matushri Jamnabai Smarak Granthmala	વિશિષ્ટ વિદ્યાલોકની મૂંઝવણ અને ઉકેલ

**(B) Gaekwad's Oriental Series :**

The Following books are published under the series :

1. Narahari Upādhyāya's Anumānakhaṇḍadūṣaṇoddhāra (G.O.S. No. 179)
2. Paraśurāmakalpasūtra (Reprinted).

## 22. Oriental Institute

3. An Alphabetical List of Manuscripts in Oriental Institute, Vol. I (Reprinted).
4. An Alphabetical List of Manuscripts in Oriental Institute, Vol. II (Reprinted).

The Institute utilized the University grant of Rs. 1,98,778/- for publication of the Gaekwad's Oriental Series.

(C) The following G.O.S. works are under Print.

Sr. No.	Title	by
1.	Pāda Index of Critical Edition of Vālmīki Rāmāyaṇa Vol. III	R. I. Nanavati (Gen. Ed.)
2.	Kalandikāprakāśa	B. S. Shastri (Ed.)
3.	Gujarat Under the Maitrakas of Vallabhi	H. G. Shastri

### IX MANUSCRIPT SECTION :

This Section has a collection of manuscripts in Sanskrit, Prakrit, Pali, Apabhramsha and other languages including a few in Persian and Arabic. 12 manuscripts were added during the year. The total number of manuscripts now stands at 27, 740.

### X CRITICAL EDITION WING

The Critical Editions Section undertakes and prepares the Critical Editions of Purāṇas. The work of preparing Critical Edition of the *Viṣṇupurāṇa* has been published in two volumes (along with the Pāda Index prepared by Prof. Peter Schriener of Zürich). The second volume of the *Viṣṇupurāṇa* was released on 12th February, 2000 at the Swaminarayana Temple of Atladara, Vadodara, Vadodara at the hands of the saint of the sect Pujya Shri Pramukhaswami Maharaja.

Prof. M.L. Wadekar, was deputed to Kathmandu, Nepal to procure the oldest dated palm leaf manuscript of the *Devīmāhātmya* from National Archives, Kathmandu from where xerox/micrifilms/reader printer copies of one manuscript of the *Devīmāhātmya* and two of the *Vāyupurāṇa* were obtained. 15 manuscripts of *Vāyupurāṇa* were obtained from institutes and libraries of Nasik, Alwar, Kota, Udaipur, Calcutta, Surat within the country.

The variants of the Newly procured oldest manuscripts of *Devīmāhātmya* from Nepal were added after its collation. The constituted Text of 52 *Adhyāyas* of the *Mārkaṇḍeyapurāṇa* was complete and the fair work of the Critical Apparatus of the 42 *Adhyāyas* was prepared. The checking of the Critical Apparatus for 16 *Adhyāyas* was made and for the remaining ones, it is in progress. The work of preparing the Pāda-Index is also in progress.

### A GRAND FUNCTION OF RELEASING VOL. II OF THE *VIṢNUPURĀṆA*

The Critical Edition of the *Viṣṇupurāṇa* is now complete and is published by our Institute in two volumes. The Grand Function of Releasing the Vol. II of the *Viṣṇupurāṇa* was held on 12th February 2000 at 9.30 a.m. at the Swaminarayan Temple at Atladara, Vadodara. The book was formally released by Paramapujya Prakatabrahmaswarupa Shri Pramukh Swami Maharaja. Shri Nalinbhai Bhatt, Chairman, Gujarat Electricity Board graced the occasion as Guest of Honour and delivered a lecture. Dr. Anil Kane, Vice-Chancellor, The M.S. University of Baroda presided over the function and gave an enlightening lecture at the occasion. Prof. R.I. Nanavati, Director, Oriental Institute organised the function and made it a grand success.

## 23A. Centre for Continuing Adult Education & Community Service

### I PUBLISHED ARTICLES / PAPERS IN JOURNAL

Sr.No.	Author (s)	Title	Name of Journal. Volume, Number/Part, Page Numbers and Date
1	Raina B.L.	"University Continuing Education in India Thrust."	"Changes in Primary Education in 21 <sup>st</sup> Century" Pages 41-44 Ahmedabad December 1999.

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

Department: Centre For Continuing/Adult Education.

Sr. No.	Author(s)	Theme, Organizing Body, Place, and Date of Seminar/Conference	Title of Paper	Published* / Unpublished
1.	Raina, B.L.	1. Primary Education in Twenty First Century. Khand Bhavan, Gandhi Nagar Gujarat.	' Continuing Education for School Dropouts'.	Paper Presented
		2. "Fifty years of Adult Education in India" National Seminar of AIAEA held at Lucknow from 11 <sup>th</sup> to 13 <sup>th</sup> of March 2000.	'Continuing Education for Industrial Workers in India'	Paper Presented

### III TALKS OF ACADEMIC NATURE IN PROFESSIONAL PROGRAMMES

Sr.No.	Name(s)	Nature of Professional Programmes*	Title	Capacity of Participation**
1.	Inamdar, J A	Orientation Training Program for NSS Program Officers of Higher Secondary School of Gujarat State 28.12.99, 21.1.2000 & 10.2.2000	Continuing Education Programs through NSS Volunteers  Refresher Training Program for NSS Program Officers of Colleges of Gujarat State.	Resource Person

### IV CONTRIBUTION TO CONDUCT PROFESSIONAL PROGRAMMES

Sr.No.	Name (s)	Programme (s), Place and Date (s)	Capacity of Participation**
1.	Inamdar, J.A.	Delivered several lectures on Training Methodologist at ITI Tarsali for the benefit of different categories of ITI Staff working in different places of Gujarat State. Details are as follows:	Methodology Teacher

**23A. Centre for Continuing Adult Education & Community Service**

Date	Training of Instructors of ITI Topic
20-10-99	Procurement-Requisite of Good instructor
30.10.99	Need of Instructor to teach skill
03.11.99	Preparation of Charts
04.11.99	Use and Maintenance of Different Types of projectors
05.11.99	Role of Instructors in ITI
12.11.99	Experiment Sheet
15.12.99	Analysis of Test Result Sheet
16.12.99	Analysis of Test Paper
03.1.2000	Classroom Arrangement

Training of Supervisor of ITI	
27.1.2000	Principles of Vocational Education
28.1.2000	Pre requisite of Good Instructor
31.1.2000	Process of Teaching
05.2.2000	Three Phases of Teaching Skills
07.2.2000	Need of instructor to teach Skills
15.2.2000	Preparation of Charts
16.2.2000	Use and Maintenance of Projectors
23.2.2000	Experiment Sheet

**Training at Shramik Vidyapith**

Shramik Vidyapith has organized different training programs for the benefit of community workers as well as staff of Vidyapith Resource Person

- (a) Personality Development Program was organized at Majur Mahajan Hall.
- (b) A training programme for community organizers was organized at Centre hall of Majur Mahajan. Vocational Education was provided to the participants.

Work shop for Evaluation and Monitoring of Continuing Education Programmes of Gujarat Vidyapeeth Ahmedabad on 11-9-99.

- |    |                              |   |                 |
|----|------------------------------|---|-----------------|
| 2. | Raina, B.L.                  | 'Baroda Management Association and Consultancy Areas Available' (Consultancy wing) November 1999.   | Resource Person |
| 3. | Zaveri, S.R. & Kapadia, S.B. | <ol style="list-style-type: none"> <li>1. Training programme on Population Education from 12<sup>th</sup> July to 19<sup>th</sup> July 1999 at Urban Schools at Vadodara and P.T.C. College, Dabka.</li> <li>2. Training Workshop for Resident Community Volunteers in Urban Slums at Fatehgunj, Navapura, Kisanwadi and Akota from September to October 1999.</li> <li>3. Orientation Programme on 'Human Rights' from 4<sup>th</sup> to 9<sup>th</sup> October 99 at C.A.E. and on 6<sup>th</sup> January 2000 at Dabka.</li> </ol> | Coordinator     |

## **23B. All India and Central Services Training Centre**

1. 286 Students registered for the Entrance Test which was held on 22<sup>nd</sup> August, 1999, of which 149 appeared for the test. After taking personality test 47 candidates were selected.
2. Civil Services Preliminary Examination of June 2000
3. For the year 1999-2000, training for the fresh batch commenced on September 1999 for Preliminary examination of June 2000.
4. The training programme for the Preliminary and Main examinations commenced on September 1999.
5. In June 1999 Preliminary examination, 13 students were successful and they appeared in the Main examination held during November/December 1999.
6. The Center has started an Orientation Programme to generate awareness regarding the UPSC examinations. The objective is to encourage group discussions, seminars, presentation and relevant discussions with the teachers concerned.

## **23C. Computer Centre**

The report year 1999-2000 was an eventful year for the Computer Centre. The Computer Centre has actively participated in the Alumni supported effort to bring Internet to the University. The Centre is becoming the hub of the University's Internet and Intranet facilities.

During this year an entirely new computer laboratory with 30 Compaq Deskpro computers and 2 Compaq Proliant 800 dual processor servers networked along with appropriate peripherals and software has been setup. This facility at the Computer Centre building is to serve the purpose of a Cyber Café where students and staff of the University can access the Internet resources. The facility will also serve as a Training Centre for students and staff.

The cyber café named "Surfland" was inaugurated on 15<sup>th</sup> September 1999 by Mr. Amit Shah, Vice President of Cisco Systems, an alumnus of the University. He is spearheading a major fund raising effort for making the M. S. University an Online University. Surfland is connected to the Internet with a 64 KBPS leased line and Ms. Wilnetonline is providing the Internet Services since then. Surfland is regularly frequented by the students and the staff of the University for Internet Surfing, E-mail, chat, printing, downloads etc. Currently, Surfland operates from 7 AM to 10 PM from Monday to Saturday and from 7 AM to 1 PM on Sundays.

On the Surfland servers, a website is being developed. An Indian Domain named "msubaroda.ac.in" has been registered with the Indian Domain Name Registrar.

An intensive 5-day Internet Training Course has been designed with the objective of facilitating students and staff of the University on a large scale to learn Internet and use it effectively. The Computer Center started offering this training program since January 2000 and is becoming quite popular.

The branch office of the Computer Center at the University Office has been efficiently handling all the existing systems for administrative work and Examination Result Processing. The Examination System is being revised with an objective of evolving it towards a comprehensive Students Information System.

The equipment at the branch office is also being modernized. A new Matrix Printer of 900-LPM speed from Lipi Data System has been acquired. Most of the printing jobs are now shifted to this machine. A new Compaq Proliant 800 dual processor server running Windows NT OS is being acquired to serve the Network of Computers being planned for the University Office. This server also will be used for the centralized applications planned for the computerization of the University Offices. Some of the nodes in the laboratory are being replaced by Compaq PIII machines.

The staff of Computer Centre during the year 1999-2000 were Hon. Director, System Analyst-1, Programmer-1, SR, Computer Operator-1, Jr. Computer Operator-1, Key Punch Operator-1, Data Entry Operator-1, Data Entry Operator-4 (Temporary Part Time), Trainee Programme -2 (Temp. Part, Time), Sr. Clerk-1 and Peons-2. In addition, two sets of temporary part time employees of a Programmer Trainee, a Technical Assistant and a Clerk each have been sanctioned for managing Surfland and these staff are being engaged as per the necessity.

The Computerized Systems are now streamlined. A computerized system was developed for the pay fixation and arrears calculation to facilitate the implementation of the 5<sup>th</sup> pay commission pay scales for the teaching staff of the University. An inhouse training program in Java was undertaken for the staff of the Computer Centre.

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 Centre were 04 Medical, 04 Honorary Consultants, 06 Para Medical, One Clerk and 03 Class-IV Servants.

The services covered were consultative, investigative, preventive and curative type, for Malaria, Gastroenteritis, Vaccination, Drug Abuse and S.T.B. etc.

The Immunization services covered 160 cases on regular basis and 535 cases were covered under 'Pulse-Polio' National programme.

The pre-placement Medical check-up was offered to 31 Teaching and 23 non-teaching staff members.

The Specialist's consulting services included Gynaecology 447, Dermatology -953, Ophthalmology-501 and E.N.T.-20 cases during the year.

In Laboratory services 6123 were routine homograms-urine exam and 1604 were Bio-Chemical tests during the year.

During the year under review, the expenditure for Medicines was Rs. 5,49,883.00, Laboratory Chemicals Rs. 12,000/- and Reimbursement of Medical expenses including special allowance for patients having T.B., Cancer etc. was Rs. 5,40,312.00.

The associated services offered were domiciliary facilities, observation beds, S.W.D. and Physiotherapy services etc.

The Chief Medical Officer and the Medical Officer attended their Annual National Conferences during Jan., 17-21, 2000 Jaipur and Hyderabad respectively.

At the "MARG" - Counselling Centre the services included 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 examinations and whole facing interviews.

The services offered at "MARG" benefitted 400 cases of which Males numbered - 215, Females numbered-185.

The total attendance at Health Centre during the year under review was 42,148 and the average daily attendance was 142.

## **23E. General Education Centre**

During the year 1999-2000, Prof. C.C. Mehta Auditorium, Retreat, Class Rooms and Exhibition Cellar were effectively utilized for conducting cultural, academic and social activities by different strata of the society including the University's Departments, Faculties and Students. This year also attempts have been made to develop the Auditorium with much needed facilities and equipments so that the same can cater to the needs of different types of activities.

Central Air Conditioning facility was provided to various Faculties/Institutions of the University as well as outside agencies and they have been appreciated.

During the year as many as 145 programmes were held. Of these, 96 were cultural programmes, 27 meetings and 22 seminars, conference, symposiums, etc. 39 different agencies who had booked the Auditorium took advantage of ancillary facilities of exhibition cellar, retreat and canteen. The prestigious National and International Conferences, Seminars, Symposia and Cultural Programmes were held in the Auditorium. The organizers also took advantage of the Exhibition Lounge and Retreat area to display literature, books and products alongwith technical details for general public.

The revised rate of the Auditorium as per the instruction of the University authority are effective now. To increase the number of occupancy and reach the optimum level of publicity of the Auditorium, a profile of Prof. C.C. Mehta Auditorium has been prepared.

The General Education Centre provided arrangement of class rooms for conducting examinations for admission and recruitment such as:

1. All-India and Central Services Training Centre, M.S.University of Baroda for Entrance Test of I.A.S.

## **23E. General Education Centre**

2. Faculty of Management Studies, M.S.University of Baroda for M.B.A. Entrance Test.
3. Banking Service Recruitment Board, Baroda.
4. State Bank of India, Baroda for Probationary Officers Examination.
5. ABS Placements Pvt. Ltd., Delhi for selection of staff.

The Centre also provided facilities of class rooms for conference to Baroda Medical College, M.S.University of Baroda, Baroda.

General Education Centre regularly provides facilities for conducting Part-time evening classes to Indira Gandhi National Open University, New Delhi.

As per the instructions of the Central Excise and Commissionerate, Baroda, a levy of Service Tax @ 5% of the rental charges from the occupants has been levied with effect from 1/6/1999.

During the year 1999-2000, the Centre earned a total revenue of Rs.7,49,801.74. Income received under perishable and replacement account amounted to Rs. 3,22,669.

## **23F. University Employment Information & Guidance Bureau**

### **Functions of University Bureau**

This Bureau is run by Employment & Training Department (Labour & Employment) Government of Gujarat since 1964.

The Bureau deals with vocational guidance activities as well as placement services. The jurisdiction of the Bureau is Baroda District.

All Master degree holders- Engineering Graduates and professional degree holders unemployed candidates are registered and placement service is provided to them.

Many School and College Students take benefit of this Bureau.

### **Aims and Objectives of the Bureau**

- (a) To give employment information and advice to the University alumni.
- (b) To give information on various courses of studies and syllabus on higher studies in India.
- (c) To advice applicants in securing admission to various courses of studies offered by University in India.
- (d) To collect and disseminate occupational information regarding occupational scholarships, fellowships and financial assistance available in India.
- (e) To assist in individual problems pertaining to education and vocation.
- (f) To render vocational guidance, literature to help students in their educational and vocational planning.
- (g) To prepare guidance literature to help students in their educational and vocational planning.
- (h) To maintain career information room in Bureau.
- (i) To give information on competitive examinations conducted by the various Public Service Commissions.
- (j) To register professional graduates and all persons holding Master's degree for employment assistance.

## 23F. University Employment Information & Guidance Bureau

### I. Activity Undertaken:

Sr. No.	Description of activity	Male	Female	Total
1	Registration of unemployed	808	547	1355
2.	Vacancy notified	358	1	359
3.	No. of job seekers recommended against Vacancies	1983	871	2834
4.	No. of job seekers employed	177	92	269
5.	No. of job seekers on live register as on 31 <sup>st</sup> March 2000.	1995	1315	3310

### II. Vocational Guidance

Sr. No.	Description of activity	Achievement of Target Apr 99' to Mar. 2000
1	Information of guidance regarding	670
2.	Individual information	975
3.	Group discussion	69
4.	No. of job seekers attending group discussion	611
5.	No. of visitors for information	6300
6.	Talks on Vocational guidance	29
7.	Employers contacted	74
8.	Publication of Bulletin on job opportunity	12
9.	Old case review	63
10.	Campus recruitment	15
11.	Individual guidance	43

## 23G. University Publications Sales Unit

The activity of Publications Sales Unit is to publish and sell books, past examination question papers, hand-books, service-books, electoral, diaries, etc. This Unit has been functioning in the A.I.C.S. Centre building since November-1997.

### Publications

1. G.O.S. 22 Parsuram Kalpasutra
2. G.O.S. Natyadarpan
3. G.O.S. 178 An Alphabetical List of Mss. in Oriental Institute.
4. G.O.S. 179 Anumankhanddushaoddhar
5. Reviewing the Role of Bureaucracy in India
6. Little Mother Need Help
7. Art Activities for Young Children
8. All you want to know about field work
9. An appraisal of Doctoral Research Works of the Applied Mechanics Department
10. સંસ્કૃત રૂપકો : ગુજરાતનું પ્રદાન
11. સંત તુકારામ
12. વિક્ષિપ ચિત્ત બાળકો : મુંઝવણ અને ઉકેલ

The Unit participated in The World Book Fair held at New Delhi in the month of February, 2000.

## **23H. National Social Information Centre**

### **HIGHLIGHTS**

- i Considering the recommendations of the UGC Review Committee headed by Dr. Atul Sharma, UGC released grant of Rs. 11.45 lacs for the remaining period of IX<sup>th</sup> Plan in October 1999.
- ii Mrs. Varsha J Mutalik was appointed as Deputy Librarian cum Coordinator. She joined from December 1, 1999.
- iii NASSIC organized a workshop on "Internet Usage in Social sciences" from March 8-10, 2000.

### **ACTIVITIES**

- i Posters and Brochures were printed to publicize the activities and services provided by the Centre.
- ii Database creation of articles published in various journals during 1998 and 1999.
- iii Back issues of journals subscribed from 1990-1993 were sent for binding.
- iv On request from the Head, Department of Library & Information Science, BLIS students were assigned the preparation of bibliography of articles published in journals subscribed during 1990-1993.

### **SUBSCRIPTION OF JOURNALS / CD DATABASES**

- i Rs. 2.75 lacs were spent towards subscription of Journals and CD Databases. 18 journals were subscribed, out of which 13 journals are foreign and 5 are Indian journals.
- ii 2 CD Databases viz. VANSKOM covering information on the Corporate Sector of India and Wilson Social Science Abstracts were purchased during the year.

### **ACHIEVEMENT**

- i NASSIC Alert Service Vol 2: 1998 published and copies sent to 173 Universities and institutions.
- ii Brochures were printed and sent to all Universities, Institutions and Individuals.
- iii Organized a workshop on "Internet Usage in Social Sciences" for the benefit of the teaching staff. 21 participants from Departments of Economics, Education, Political Science, Psychology and other interdisciplinary subjects from various Faculties viz. Arts, Commerce, Education & Psychology, Home Science, Management Studies and Social Work etc. took advantage of this workshop.

### **USAGE**

- i 197 readers have used the Centre's resources and availed literature search and photocopying facilities from the journals as well as CD Databases. 55 queries were received for search from CD databases. Printouts of 33 articles were given and 18,591 articles were downloaded on floppies.

### **STAFF DEVELOPMENT ACTIVITIES:**

- i Mrs. V J Mutalik, Deputy Librarian cum Coordinator attended a one-day seminar on "Role of Librarian in the Information Era" organised by P.G. Department of Library & Information Science, S.P University, at Vallabh Vidya Nagar on March 23, 2000.
- ii Ms. Jyoti Bhatt, Assistant Librarian participated in the training workshop on "Advanced Course in CDS/ISIS and WINISIS" sponsored by NISSAT, Department of Scientific & Industrial Research, Ministry of Science & Technology, Govt. of India at M.S. University of Baroda during August 16-27, 1999.
- iii Mrs. J. Bhatt also attended a training workshop on "Internet and Social Science information" sponsored by NASSDOC, ICSSR, New Delhi and organized by INFLIBNET Centre, Ahmedabad during December 13-16, 1999.

## 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 11,504 books incurring a total expenditure of Rs.40,57,343.50. The total book collection stands at 6,89,145 as on 31-3-2000.
- ii) Smt. Hansa Mehta Library added 6,140 books for Rs.26,11,979.00 and 1,550 Bound volumes of periodicals. The total collection now stands at 3,65,799 books + 61,982 bound volumes = 4,27,781 at the end of March 2000.
- iii) The Faculty Libraries added 3,816 books.
- Details of Acquisition made in 1999-2000.

Sr.No.	Name of Library/Institution	1998-99	1999-2000
01.	Smt. Hansa Mehta Library		
a)	Books for Central SSMT 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	5839	6140
b)	Bound Volumes.	1750	1550
02.	Centre for Advanced Study in Education (CASE)	234	174
03.	Faculty of Fine Arts	41	177
04.	M.K.Amin Arts & Science College & College of Commerce, Padra	200	120
05.	Faculty of Management Studies.	760	491
06.	Oriental Institute	389	394
07.	Faculty of Performing Arts	183	63
08.	Polytechnic	374	552
09.	Faculty of Social Work	221	135
10.	Baroda Sanskrit Mahavidyalaya (Including Book Bank.)	29	332
11.	Prof. T.K.Gajjar Library, (Faculty of Technology & Engg.)	2314	1364
12.	Water Resources & Management Institute, Samiala	115	6
13.	NASSIC	—	6
		<b>4860</b>	<b>3816</b>
	<b>Grand Total:</b>	<b>12449</b>	<b>11504</b>

Note : Above acquisition includes 1165 books received as gifts

### B. THE DETAILS OF BOOKS STOCK IN THE UNIVERSITY LIBRARY SYSTEM AS ON 31<sup>ST</sup> MARCH 2000.

Sr. No		Books	Bound Volumes & Cassetts	Maps, Charts	Total Cost
a)	Smt Hansa Mehta Library.				
i	Collection as on 1.4.2000	3,59,659	60432	61942 1234/3	7,95,09,889.38
ii	Number added during 1999-2000.	6,140	1,550	819 -	40,57,343.50
iii	Number of withdrawal				
	Collection as on 31-3-2000	3,65,799	61,982	62801 -	8,35,672,32.88

Note : The total Cost of Rs.40,57,343.50 includes revenue expenditure and U.G.C. Special Book Grant and other grants Rs.14,05,288.00 (Revenue) + 24,35,612.50(UGC 9<sup>th</sup> Plan & SAP) + 2,16,443.00 (other).

**24. Shrimati Hansa Mehta Library**

<b>b) Faculty Libraries</b>		<u>Stock As on 31-3-2000</u>
i	C.A.S.E.	18090
ii	Fine Arts	9731
iii	M.K. Amin Arts & Science College & College Of Commerce, Padra	13769
iv	Management Studies	3320
v	Oriental Institute	47646
vi	Performing Arts	11019
vii	Polytechnic	37169
viii	1) Sanskrit Mahavidyalaya	4583
	2) Sanskrit Mahavidyalaya Book Bank	157
ix	N A S S I C	208
x	Social Work	12353
xi	Technology	101454
xii	Water Resources	1865
<b>Total :</b>		<b>261364</b>

**C. SOME NOTEWORTHY TITLES PURCHASED DURING THE YEAR 1999-2000.**

<u>Sr.No.</u>	<u>Title</u>
01	Hindu Manners, Customs and Ceremonies, by J A Dubois Abbe 1999.
02	Aditya Vikram Birla : A biography, by Merchant Minhaz, 1997.
03	150 Gift wrapping ideas, by Hase Yoshiko, 1998.
04	BDP's Export & Import Policy with Handbook of Procedures : 1 <sup>st</sup> April 1997-31 <sup>st</sup> March 2002, Vol.I, 1999.
05	BDP's Handbook of Procedures, Standards, Input-Output Norms, Vol.2 1999.
06	Jane's Aircraft Recognition Guide by D.Rendall. 1999.
07	Jane's Warship Recognition Guide by K.Faulkner, 1999.
08	Random House Webster's Dictionary of Scientists, 1997.
09	Atlas of Women and Men in India, by S. Raju & others. 1999.
10	The ISO 14000 EMS Audit Handbook, by G.P.Johnson 1997.
11	India: A Celebration of Independence 1947 to 1997, by V.Anant, 1999.
12	The 20 <sup>th</sup> Century year by year, 1999.
13	The Hutchinson Encyclopedia, 1999.
14	In Search of Lata Mangeshkar. by H.Bhimani, 1995.
15	Taber's Cyclopedic Medical Dictionary, ed. By C.Thomas, Vol.1 and 2, 1998-99.
16	Encyclopaedia of India, Events and Dates, by S.B.Bhattacharje, 1999.
17	Encyclopaedia of the Indian Biography, by N.K.Singh, Vol.1 to 8, 2000.
18	The Art and Science of Public Relations, Vol.1 to 8, 2000.
19	Kirtikar and Basu's Illustrated Indian Medicinal Plants, Vol.1 to 11, by K.S.Mahaskar and others, 2000.
20	Encyclopaedia of Modern Management Techniques, ed. by A.K.Chaudhary, Vol.1 to 6, 1999.
21	Indian Books in Print Vol.1 to 3, by C.M.Chawla, 2000.
22	The Encyclopaedia of Games, 1998.
23	Visual Encyclopaedia, 1996.
24	Reference Encyclopaedia, India 2000 by H. Myer & Others. Vol.1 to 2, 1999.
25	Complete Home Medical Guide, by D.R.Goldmann, 1999.
26	The World of Learning 2000 50 <sup>th</sup> ed. 2000.
27	John Major : The Autobiography, 1999.

**24. Shrimati Hansa Mehta Library**

- 28 Illustrated Encyclopedia of Aquarium Fish Identifier, 1999.
- 29 Competition Success Review Year Book 2000, by S.K.Sachdeva.
- 30 Hotel and Resorts Guide, India and Nepal, 2000.
- 31 Encyclopaedia of Creativity, Vol.1& 2 ed. by M.A.,Runoo, & S.R.Pritzker 1999.
- 32 The International Who's Who 2000.
- 33 Lange's Handbook of Chemistry, by J.A.Dean 1999.
- 34 Encarta World English Dictionary, 1999.
- 35 Space Encyclopaedia, by H Couper, & M.Henbest, 1999.
- 36 Manorama Year Book 2000.
- 37 Encyclopaedia of Art, Archaeology and Literature in Central India, Vol.1 and 2 ,by R.K.Sharma, 1998.
- 38 Temples of India, Vol.1 and 2, by Deva Krishan, 1996.
- 39 Encyclopaedia of Practical Management, Vol. 1 to 14, 2000.
- 40 Towards freedom : Documents on the Movement for Independence in India, Pt.1-3, edited by B. Chatterji, 1999.
- 41 Handbook of Reagents for Organic Synthesis, Vol.1 to 4, 1999.
- 42 Sixth All India Educational Survey : National Tables : Educational Facilities in Rural and Urban Areas, 1997.
- 43 Encyclopedia of library and information science. Vol.64-65, 1999.
- 44 Encyclopaedia of Industrial Psychology, Vol.1 & 2 by A.K.Sharma,1997.
- 45 Encyclopedia of Hinduism Vol.1 to 5, by S. Sehgal, 1999.
- 46 Encyclopaedia of Political Economy, Vol.1 and 2, by P.A. O'hara, 1997.
- 47 Asian Development Outlook, 1999.
- 48 Gujarat Manufacturer's Directory : Central Zone.
- 49 World Development Indicators, 1999.

**D. PERIODICAL DEPARTMENT**

- a) A sum of Rs.1,15,98,758.11 was spent to subscribe 627 journals at Smt. Hansa Mehta Library as per details given below :

Sr. No.	Revenue Grant	No. of Journals	Amount.
01	University Library U.G.C. Grant	568	1,13,57,311.81
02	Food & Nutrition (Faculty of Home Science)	1	15,833.70
03	Human Development & Family Studies (Faculty of Home Science)	3	54,733.10
04	Economics (Faculty of Arts)	2	42,963.20
05	Donation in Memory of Smt. Malvika Patel	5	1,895.00
06	Dr. Bhogilal J. Sandesara	6	1,700.00
07	Centre for Research in Planning and Development.	1	19,398.40
08	Dr. Ashvinbhai & Dhimatiben Mehta	1	7,767.70
09	Donation from Canara Bank	3	74,636.80
10	News papers/Popular magazines		
	17 + 20	37	22,518.40
		<b>627</b>	<b>1,15,98,758.11</b>

- b) Total Journals Received

1	Subscribed	627
2	Gift	124
		<b>751</b>

**24. Shrimati Hansa Mehta Library**

**c. News Papers/Popular Magazine Subscribed.**

1.	Hindi	1
2.	English	7
3.	Gujarati	8
4.	Marathi	1
5.	News Magazines	20
		37

**d. Issues Received & Displayed**

1.	Subscribed	14,636	Appro.
2.	Gift	610	Appro.
	<b>Total :</b>	<b>15,246</b>	<b>Appro.</b>

**e. Newspapers/Popular Magazines Issued Received & Displayed**

1.	News Papers.	5,760	Appro.
2.	Magazines	582	Appro.
	<b>Total :</b>	<b>6,342</b>	

**f. Services Given**

1.	Visitors Per Annum	43,950
2.	Average per day	150
3.	Journals (Issues) given for xeroxing to the Teachers, Students, Deposit Members, Corporate Members & Others.	25,800

**g. Binding**

1.	Journals Given for Binding	1685
2.	Bound Journals Received	1685
3.	Already Bound Journals Received (J.60433 to J.61982 = 1550) (HS.22750 to HS.22832 = 83) (HS.23046 to HS.23120 = 75)	23
4.	Bound Journals Accessioned	1708

**h. Several Significant Abstracts/Indexing Journals and Databases on CDs Subscribed**

1.	Biological Abstracts	2.	Chemical Abstracts
3.	Child Development Abstracts and Bibliography	4.	Current Contents (Life Science)
5.	Dissertation Abstracts International Sec. - A	6.	Human Resources Abstracts
7.	Medicinal and Aromatics Abstracts	8.	Physics Abstracts
9.	Psychological Abstracts	10.	Sociological Abstracts
11.	Statistical Theory and Methods Abstracts	12.	International Political Science Abstracts/

**E. TECHNICAL DEPARTMENT**

**A. Books Catalogued and Classified during the year.**

Details:

1.	Books for University Library (Including SSMT Library)	7,067
2.	Faculty Libraries	3,974
3.	Bound Journals for University Library	888
	<b>Total</b>	<b>11,929</b>

**24. Shrimati Hansa Mehta Library**

B	Books Catalogued and Classified Average per day	41
C	Approximately 61 transferred/replaced books were catalogued and classified and cards were typed and filed.	
D	Catalogued Cards typed and written	
	i) for University Library	28,701
	ii) For Faculty Libraries	20,065
	iii) Theses/Dissertations	110
E	Catalogue Cards Filed	
	i) University Library	10600
	ii) Faculty Libraries	8026
		18626
<b>F.</b>	<b>STACK UNIT</b>	
	i) Total Number of Books referred and shelved	16,02,765
	ii) Shelving per day	4,700
	iii) Binding of Books	1,450
<b>G.</b>	<b>CIRCULATION DEPARTMENT</b>	
1	Total Working Days	293
2	Total Issues for Home Reading per year	99,912
3	Average issues per day	340
4	Books and Bound Journals processed and sent for Shelving.	6,683
5	Inter Library Loan	
	A. Loaned Out	24
	B. Received on Loan	28
<b>H.</b>	<b>READING ROOM AND CURRICULAR DEPARTMENT</b>	
i)	Number of days kept open	341
ii)	New Books received in curricular section	375
iii)	Total issue from curricular section	1,83,250
iv)	Average issue per day	537
v)	Total Visitors	26,92,012
vi)	Average visitors per day	7,894
<b>I.</b>	<b>REFERENCE DEPARTMENT</b>	
1	Reference sources added	223
2.	Orientation given to new readers/visitors & school children	
3	Visitors from other institutions	300
4	Number of visitors (used reference sources)	5,009
5	General inquiries attended per day	42
6	Theses and Dissertations :	
7	a)	268 Theses and Dissertations were added. The total collection rose to 9073.
	b)	During the year 1543 readers consulted 2405 theses and dissertation.
	c)	The Library services extended to 735 users coming from various government organisations, NGO's Banks, Industries & Educational Institutions.

## 24. Shrimati Hansa Mehta Library

- d) Exhibition :  
From time to time the Reference Section organises exhibition of books and other reading materials on different topics suited to the occasion. During the year exhibition of books, pamphlets and photographs on the following topics were arranged.
- i) Environmental Issues
  - ii) AIDS
  - iii) Women
  - iv) Sir Sayajirao
- e) Distinguished Visitors to the Library  
Shri Indrakumar : Additional Commissioner of Income Tax, Calcutta. 21.10.1999
- f) Bibliographies prepared on :  
1) Lala Lajpat Rai  
2) Dostoevsky  
3) Sardar Patel
- g) In response to the appeal from Indian Library Association, the Library celebrated the 32<sup>nd</sup> library week during the year.
- h) Facilities to Blind Students :  
The Reference Section is also providing facilities to blind students. They availed of the audio facility for 32 times.
- i) Pamphlet collection :  
The reference section has a collection of pamphlets and prospectus giving latest information on education (both for undergraduates and post graduates) in foreign universities.

### J. REPROGRAPHIC UNIT :

The reprographic unit earned Rs.80,937.00 from photocopying services provided to the readers during 1999-2000. The Unit also looks after the Audio/Visual services. The Audio-Visual equipments 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. The teachers and students have been taking advantage of these services. The unit has xeroxed 101915 copies for the students and 14641 copies of official papers. Approximately 5000 users took advantage of the xeroxing facilities. 6125 official copies were cyclostyled during the year.

### K. SIR SAYAJIRAO MEMORIAL TRUST LIBRARY.

1. Visitors per day (average)	894
2. Books issued from curricular	326
3. Periodicals referred per day	45
4. Circulation services	
a. Total issue for home reading	44,252
b. Average issue per day	199

### L. LIBRARY REGISTRATION DURING THE YEAR 1999-2000.

1. Undergraduates	6,255
2. Graduates (T.Y) and Postgraduates	7,704
3. Ph.D., M.Phil, Jr.Research Fellow etc.	335
4. Other Students : (A.I.C.S., Cont. Adult Education/ Certificate Courses, Medical, Sanskrit Mahavidyalay Bonafied Students, etc.	125

**24. Shrimati Hansa Mehta Library**

5.	Teaching Staff.	626
6.	Temporary Teaching Staff	78
7.	Deposit Members	228
8.	Non teaching staff	68
<b>Grant Total</b>		<b>15,419</b>

**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 101454 books. It has 1497 theses & dissertations. The total membership is 2864.

The following outstanding books were purchased from recurring and non-recurring grants.

- 1) The ISO 14000 EMS Audit Handbook, by G.P. Johnson, 1997.
- 2) Encyclopaedia of Ecology and Environment : Introduction to Ecology and Environment, by Priyaranjan Trivedi, Vol.1 to 10, 1999.
- 3) Natural Medicines Reference Manual : Ayurveda, Siddha, Unani, Homeopathy, 1999.
- 4) Handbook of Surfactants, by M.R.Porter, 2<sup>nd</sup> ed. 1994.
- 5) Reinforced Concrete Designer's Handbook, by C.E.Reynolds, and J.C.Staeedman, 10<sup>th</sup> ed. 1999.
- 6) Metal Forming Handbook, by Schuler, 1998.

**2. Oriental Institute Library (Printed Section)**

The Library has rich & valuable collection of 47646 books and bound periodicals. It also has large number of manuscripts which are very useful to researchers & scholars.

Notable reference books are :

- 1) Durga as Mahisasuramardini, by I.S.Aiyar.
- 2) Ancient Indian Rituals and Their Social Contents, by N.N.Bhattacharya.
- 3) Indian Philosophy and Religion : A Guide, by B. Padhi.
- 4) Encyclopaedia of Natyasastra, Vol.1 to 4 by R. Tripathi.
- 5) Encyclopaedia of Trantra, Vol.1 to 5, by S.Santidev.
- 6) Ancient Cities of the Indus Valley Civilization, by J.M.Kenoyer.

**3. Polytechnic Library**

This Library has a collection of 37169 books and 1244 regd. members. New Index Thesaurus Database is created in MS. Access 2000.

**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.

**5. M.K.Amin Arts & Science College and College of Commerce, Padra.**

Has a collection of 13769 books and caters to 886 students.

**6. Faculty of Social Work Library**

This Library caters to the need of social workers and students. It has collection of 12353 books and dissertations.

## 24. Shrimati Hansa Mehta Library

Noteworthy titles :

- 1) Women Education and Empowerment, by D.B. Rao.
- 2) Globalization, Culture and Women's Development by R Sethi.
- 3) Women in Modern India, by, R.K. Tandon.
- 4) Women Participants in Workforce, by L Devi.
- 5) Women Rights and World Development, by K. Vijay.

### 7. Faculty of Fine Arts Library

This Library caters to the special needs of students and faculty members of Fine Arts and Aesthetics. 10,000 books of varied Arts forms a rich collection of this library.

Noteworthy titles.

- 1) Body Decoration : A World survey of Body Art, by Karl Groning.
- 2) Famous American Illustration, by Arpi Ermoyan.
- 3) The World of Symbols/Logos & Trademarks, ed. by Sudarshan Dheer, Vol.2, India.
- 4) How to check and correct color proofs, by David Bann.
- 5) Encyclopaedia of Aesthetics, by Michael Kelly, Vol. 1 to 4.

### 8. Faculty of Performing Arts Library

This Library has a collection of 11019 books on Drama, Music, Dance etc. It is used by the students studying for Diploma Courses besides Graduate & Postgraduates students.

Noteworthy titles added :

- 1) Pakhwaj and Tabla, by Aban Mistry.
- 2) Origin of Raga, by S.Bandopadhyay
- 3) Theatre to Cinema, by Ben Brewster and Lea Jacobs.
- 4) Rasa Bhava Darshan, by B.V.Sajjan, Misra and O.P.Sharma

### Highlights

1. For comfortable seating, readers were provided 300 hundred moulded chairs at SSMT Library. And 100 chairs were purchased for Polytechnic Library.
2. For storage of books, new 23 steel racks were purchased for Library Systems, such as at Prof. T.K.Gujjar Library, Faculty of Fine Arts Library, Social Work Library, Management Studies Library and at Smt. Hansa Mehta Library.
3. As a part of the Golden Jubilee Celebration of Smt. Hansa Mehta Library, a National Workshop on Advanced Course on CDS/ISIS & WINISIS was organised jointly with National Information System for Science & Technology (NISSAT), New Delhi and Institute of Information Studies (IIS), Bangalore, during 16-17<sup>th</sup> Aug. 1999.
4. During the year in Inter Faculty staff Cricket Tournament, our Library System won the Vice-Chancellor's Rolling Trophy for Cricket.

To celebrate the Golden Jubilee year of Smt. Hansa Mehta Library, it was decided to raise the funds through donations & provide better facilities in the Library, an appeal was floated & the library is receiving a good response.

## 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 Junior Proof Reader, one Copy Holder, Six other technical staff including D.T.P. Operators and three Class IV employees. There are 33 permanent workers in the press.

### II. MACHINERY :

The press has machinery worth Rs. 66,28,548.05 including two heavy duty Xerox machines including DTP System.

### III. PRINTING ACTIVITIES :

During the year 86 question papers were printed and 3392 question papers xeroxed (including 417 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 press has also printed Diary, Calendar of Sardar Patel University & Gujarat 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. Parsuram Kalpsutram	Oriental Institute
02. Anumanakhandadusanodharam	Oriental Institute
03. An Alphabetical List of M.S.S. Vol. I	Oriental Institute
04. An Alphabetical List of M.S.S. Vol. II	Oriental Institute
05. Research Methodology	CASE
06. વિશ્લેષિત ચિત્ર બાળકો: મુંઝવણ અને ઉકેલ	Oriental Institute
07. સંસ્કૃત રૂપકો : ગુજરાતનું પ્રદાન	Oriental Institute
08. Teacher Education : Vision & Action	CASE
09. Plant Tissue Culture : Three Species	Dept. of Botany, Science
10. A Guide for Parents of Young Children	HDFS Deptt.
11. Home Maker's Environmentally Concerned Awareness, Buying Consumption Behaviour in Relation to Selected Consumer Goods	Department of Home Management
12. શાળાકીય પુસ્તકો તૈયારીની પ્રવૃત્તી પત્રિકા	ECD - LRC
13. આદીવાસી પાવરા સમાજ	Bhasha Research Centre

In addition the press also printed MSU Diary, MSU Calendar, Souvenir and other publications of different faculties and departments and WHO Newsletter.

### 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. Baroda Reporter
5. Itivrut

### 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. 16,32,575.09 were purchased and stationery articles worth Rs. 17,81,191.50 were distributed.

## 26. Activities of Construction Division

During the year 1999-2000 the Construction Division was able to carry out various works under the able guidance of the Building Committee :

### I The capital works under taken by the Construction Division are as under :

- (1) During the year 1999-2000 some of the capital work (such as proposed vertical extension for library i.e. , first floor on existing Library at Faculty of Social Work and the amount spent was Rs. 4,37,368=07.
- (2) Donation from K.A.A. for the work of a proposed building of Deptt. of Architecture at D.N. Hall, the amount spent, was Rs. 6,04,999=16.
- (3) Donaton received for Air-Conditioning work at Prof. C.C. Mehta Auditorium Rs. 4,950=00.
- (4) Work of other departments such as university equipment grants and other grants, S.D.J.T. Fund, Garden, Convocation etc.) The amount spent was about Rs. 23,58,218=71.

### II The Ordinary Repairs :-

The expenditure under Ordinary Repairs grant during the year is Rs. 32,34,035=75. The works were carried out under the able guidance of O.R. Committee after scrutinising the requisition of work and fixing the priority of works. The committee comprised of following members :

- |  |                  |
|--|------------------|
| (1) Dr. Dipak Kumar De (Pro-vice-Chancellor)     | Chairman         |
| (2) Dr. S.G. Shah (Dean, Fac. of Tech. & Engg.)  | Member           |
| (3) Dr. N.L. Singh (Chief Warden)                | "                |
| (4) Dr. J.K. Syan (Dean Fac. of Commerce)        | "                |
| (5) President (Adhyapak Kutir Resi. Association) | "                |
| (6) President (Tarabaug Resi. Association)       | "                |
| (7) University Engineer                          | Member Secretary |

### III Special repair works could not be under taken this year due to non availability of grants from the State Government.

### IV. The works completed during the year :-

- (1) Proposed vertical extension for library i.e., first floor on existing Library at Faculty of Social Work.
- (2) Proposed Building for Department of Architecture at D.N. Hall.
- (3) Air Conditioning work at Prof. C.C. Mehta Auditorium.

## 27. M.S.University Union

The M.S. University Union is a statutory corporate body of the students and teachers for promoting academic, activities sports and cultural activities and welfare of the students of the M.S.University of Baroda.

The Union Executive Committee for the year 1999-2000 consisted of the followings:

President	:	Dr. S.A. Saiyed
Treasurer	:	Dr. (Mrs.) P.A. Panjwani
Vice –President	:	Shri Amar v. Dhomse
General Secretary	:	Shri Parth D.Joshi
Film Club	:	1. Shri Patel Harshad M. – Convener
	:	2. Shri Mishra Pradip S.
	:	3. Shri Shah Upenkumar H.
Indoor Games	:	1. Shri Jadav Nitesh S. – Convener
	:	2. Shri Patel Jitendrakumar J.
	:	3. Shri Anand Vijay M.
Hiking Club	:	1. Shri Radadiya Jayeshkumar V. – Convener
	:	2. Shri Pandya Ajaykumar K.
	:	3. Shri Shah Vikram G.
Badminton	:	1. Shri Thacker Brijesh C. – Convener
	:	2. Ms. Puthran Seema J.
	:	3. Shri Baktarwala Sandeep S.
Entertainment	:	1. Shri Shaikh Ziyauddin N. – Convener
	:	2. Shri Handa Chirag V.
	:	3. Shri Mane Nilesh L.
Public Relations	:	1. Shri Jain Manish R. – Convener
	:	2. Shri Mali Mohan M.
	:	3. Shri Bhatt Jigar H.
Emester	:	1. Ms. Sharma Arti R. – Convener
	:	2. Shri Madiya Ashish N.
	:	3. Shri Banga Ujjwal
Campus Beautification	:	1. Shri Pande Alok A. N. – Convener
	:	2. Shri Pandya Tejas Y.
	:	3. Shri Kahar Ghanshyam K.
Debates & Beautification	:	1. Shri Pota Keyur A. – Convener
	:	2. Shri Patel Sajid D.
	:	3. Shri Prajapati Sunil P.

### NOMINATIONS OF FACULTY REPRESENTATIVES

- This year the Syndicate did not nominate Faculty Representatives.
- This year there were two casual vacancy on the Executive Committee, as the Faculty of Social Work and Faculty of Medicine students had not filled up nomination forms.

## **27. M.S. University Union**

Hence it was decided by the Executive Committee to get recommendations from the Dean and to nominate students from these respective faculties to the Executive Committee.

### **I UNIVERSITY BOARD OF SPORTS**

- |                                  |  |
|----------------------------------|--|
| 1) Dr. S.A. Saiyed               | - President  |
| 2) Shri Amar V. Dhomse           | - Vice-President                                       |
| 3) Shri Parth D. Joshi           | - General Secretary                                    |
| 4) Two student representatives : | - Not nominated from the Executive Committee 1999-2000 |

**II** The General Elections of the M.S. University Union were held on 29<sup>th</sup> January, 2000. 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 Monday, the 7<sup>th</sup> February, 2000 and the Budget meeting was held on 10<sup>th</sup> February, 2000. The budget for the year 1999-2000 was presented by the Treasurer Dr. (Mrs.) P.A. Panjwani and it was passed unanimously.

**III** This year M.S. University Union Executive Committee decided to celebrate Youth week 'MILLENNIUM EVENTS 2000' from 26<sup>th</sup> February, 2000' to 12<sup>th</sup> March, 2000. To make 'MILLENNIUM EVENTS 2000' successful & memorable Dr. S.Ganapathi was appointed as Convener. During 'MILLENNIUM EVENTS 2000' Musical Night, Musical Morning and Rock – Shows were organised.

The Table Tennis and Badminton activities of the Union continued with the help of teachers in – charge.

## 28A. Halls of Residence

The University has 12 boys' and 04 girls' hostels. During the year 1999-2000, a total of 3756 students were admitted to the Halls of Residence, of which, 2515 were boys and 1241 were girls.

### I. CO-CURRICULAR ACTIVITIES UNDERTAKEN

Sr.No.	Nature of the Activity	Name of the Hall
1.	Inter-lobby tournaments during December 1999 (10/12/99 to 25/12/99) Volley-ball, Chess, Carrom and Table-Tennis	Lal Bahadur Shastri Hall
2.	Annual Day Celebration, March 24, 2000	Lal Bahadur Shastri Hall
3.	Annual Day Celebration, January, 03, 2000	Sardar Patel Hall
4.	Talk on 'Human Sexuality and HIV, Aids' By University Medical Officer, Dr. K. N. Shinglot and Dr. Y. S. Marfatia of S.S.G. Hospital on 11 <sup>th</sup> February 2000	M. Visvasariya Hall
5.	Welcome Function in December 1999	S. D. Hall
6.	Peace March and Prayer for Kargil Cause on 9 <sup>th</sup> July 1999	All the Halls of Residence

### II. DEVELOPMENT ACTIVITIES

Sr.No.	Nature of the Activity	Name of the Hall/Office
1.	Renovation of hostel buildings	All Halls of Residence
2.	Internet/E-mail facility	Chief Warden's Office
3.	Installation of computers for creation of data-base for hostel admission	Chief Warden's Office, K.M. Munshi Hall, R.T. Hall, M.V. Hall, S.J. Hall, H.M. Hall, and K.G. Hall
4.	Installation of sodium lamps	Hostel Campus Area
5.	Stainless steel tops for dining tables	All Halls of Residence
6.	Purchase of moulded study chairs	All Ladies Halls of Residence
7.	On campus shopping facility for hostel students	Residency Bungalow premises

### III. ADMINISTRATIVE APPOINTMENTS

1. Dr. Tiwari K.C. appointed as officiating Chief Warden with effect from July 9, 1999.
2. Shrimati Vyas M.S. appointed as Coordinator for Ladies' Halls of Residence.

### IV. OTHER ACTIVITIES

1. A Central Committee for development planning of the hostels and campus was constituted. The Committee comprises of student representatives, superintendents and Wardens from various hostels.
2. A Student Counselling and Information Centre has been started on the Campus for the benefit of the students.

## 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 their personality development.

National Service Scheme Unit at M.S. University of Baroda is a centrally managed NSS Unit. NSS enrolled 600 students with the help of senior NSS Volunteers and NSS Programme Officers from different Faculties/Institutions of the University and involved them in varied activities during the year 1999-2000.

### ORIENTATION PROGRAMMES :

Eight orientation programmes were organised to help the newly enrolled volunteers to understand the scheme rightly and identify the project activities of his/ her own interest. 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 organised 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

### ACTIVITIES OF NSS

The Activities of NSS are organised under the regular activities and special camping programmes.

#### A) Regular Activities :

The regular activities organised under different projects were as follows :

1. Environment Education Project
2. Institutional Service Project
3. HIV/AIDS- Life Style Education Project
4. Community Service Project
5. Creative Activity Project

#### SPECIAL CAMPING PROGRAMME :

The details of the special camping programme organised during the year are as under :

Sr. No.	Theme	Place	Duration	Activities undertaken
1.	Youth for Sustainable Development	Golagamdi Village	27.5.99 to 7.6.99	Manual work, Preparing of Bags for plantation, Academic work

**28B. National Service Scheme**

			27.5.99 to 07.6.99	Cultural Programme & other work of Socio-Cultural nature
2.	Youth for Sustainable Development	Shivrajpur Village	17.11.99 to 27.11.99	Manual work, Health Survey of the Area, Academic work, Cultural-Programme, Role Play, One act Play, Social Awareness Programmes etc.

**OTHER PROGRAMMES ORGANISED AND PARTICIPATION IN DIFFERENT PROGRAMMES :**

Sr. No	Name of the Programme/Activity	Place	Date	Significance of the Programme Activity
1.	Independence Day Celebration	Union Pavillion M.S.U Baroda	15.8.1999	Flag Hoisting by V.C., Felicitation of the NSS volunteers and other programmes.
2.	Observance of Sadbhavana Day	NSS Campus	20.8.1999	Discussion on Role of Youth in Peace and Harmony, Administration of Sadbhavana Pledge.
3.	Celebration of Raksha Bandhan	School for Physically Handicapped Children, School for Blind Children, School for Mentally Deficient Children	26.8.1999	Female NSS Volunteers tied Rakhis to inmates of the agencies and distributed sweets.
4.	Celebration of Teacher's Day	NSS Campus Role of Teachers	5.9.1999	Discussion
5.	Observation of Biosphere Day	Pavagarh	21.9.1999	Cleanliness Campaign
6.	State Level NSS Day Celebration	Ratanpur Dist.	23-24 Sept. 1999	Different Competitions, Palanpur.
7.	State Level Workshop on Patriotism	Porbandar	1-3 Oct. 1999	Song Competition, Poster
8.	Celebration of Gandhi Jayanti and Saptaha	NSS Campus	2-7 Oct. 1999	Elocution Competition, visits to Religious Places, Placing posters on Communal harmony & National Integration, Rangoli Competition etc.
9.	Celebration of Diwali	School for Physically Handicapped Children, School for Blind Children, School for Mentally Deficient Children	7.10.1999	Distribution of sweets and crackers to inmates
10.	Garba Programme	Pensionpura Complex-Welfare Agencies	25.10.1999	Organised Garba for the inmates of the agencies

## 28B. National Service Scheme

11.	Republic Day	Amaravati, Nr. Pune Parade Selection Camp	12.18 Nov. 1999	Mr. Rohit Valand Participated in the Camp.
12.	Observance of World AIDS Day & Week	NSS Campus	1-7 Dec. 1999	Awareness programmes through Massive Rally, distribution of educational material and other programmes at different levels.
13.	Celebration of Youth Week	NSS Campus & Rural and Urban Field Work agencies	12-19 Jan.2000	Varied programmes were organised at Urban, Rural Institutional levels starting from Swami Vivekananda's Birth Day- Youth Day (12th Jan.) Programmes included : Symposium, different competitions, Cultural Programme and other social awareness programmes
14.	Symposium on HIV/AIDS & Health Life Style.	NSS Campus	11-12 Mar 2000	Different sessions by experts on the deadly disease of HIV/ AIDS, Prevention of HIV/AIDS and Healthy Life style etc.

### TRAINING & ORIENTATION CENTRE (NSS)

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 organised training programmes for NSS Field Functionaries and provided & 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 organised following training programmes for NSS Programme Officers of the University as 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	06	161
2.	Refresher Training Programmes	03	32.

The Centre also organised a symposium on the HIV/AIDS Education in collaboration with the NSS Regional Centre, Ahmedabad on 12/3/2000 for the students.

## 28C. National Cadet Corps

1. NCC is one of the biggest youth forum which brings the vibrant students together and guides 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, it makes them morally and mentally fit so that they become well disciplined members of the society. The students participate in Para-Sailing, Gliding, Para-dropping, training Camps, National Integration camps, rock climbing and mountaineering activities. They also go for Republic Day Camp and Prime Minister's rally on 26th and 27th January every year. Various activities undertaken by the students of the University as NCC cadets are :

### CAMP ACTIVITIES

2. A total of 1000 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

### 3. CHIEF MINISTER SCHOLARSHIP AWARDED TO THE NCC CADET

Following Cadets of the University were awarded The Chief Minister Scholarship @ Rs. 50/- P.M. for the year 1998-99.

- (a) Ghumman M.S. - Faculty of Science
- (b) Argade V.V. - Faculty of Science
- (c) Rai V.R. - Faculty of Commerce
- (d) Kataria D.C. - Faculty of Tech. & Engg.

### 4. REPUBLIC DAY PARADE

Following students participated in the Republic Day Parade 2000 at New Delhi :

- 01. Modi Kunal - Faculty of Arts
- 02. Patani Komal - Faculty of Arts
- 03. Peerzada Shahida - Faculty of Arts
- 04. Sharma Anuraga - Faculty of Arts
- 05. Joshi Nishith - Faculty of Science
- 06. Shimpi Mitesh - Faculty of Science
- 07. Bhatt Prathvijit - Faculty of Science
- 08. Deshmukh Ashwani (P.O.) - Faculty of Commerce
- 09. Jagtap Prashant - Faculty of Commerce
- 10. Jat Vedprakash - Faculty of Commerce

## **28C. National Cadet Corps**

- |     |                        |   |                     |
|-----|------------------------|---|---------------------|
| 11. | Rana Yogesh            | - | Faculty of Commerce |
| 12. | Shekhawat Mahipalsingh | - | Faculty of Commerce |
| 13. | Somvanshi Sanket       | - | Faculty of Commerce |
| 14. | Supekar Nikhil         | - | Faculty of Commerce |

### **OTHER ACTIVITIES**

#### **Enrolment**

5. 830 boy cadets and 250 girl cadets were enrolled from the University during 1999-2000.

#### **Guard of Honour**

6. On the eve of the Convocation Day, 13th December, 1999, the cadets presented a Guard of Honour to Dr. K. Kasturirangan, Chairman, Indian Space Research Organisation (ISRO).

#### **BRIG ASHOK C. VORA GOLD MEDAL & CASH PRIZE**

7. SUO Ghumman M.S., Faculty of Science was awarded the Brig. Ashok C. Vora Gold Medal & Cash Prize on the eve of the Convocation Day.

#### **FLAG DAY**

8. On 7 Dec. 99 approximately 300 cadets collected voluntary donation from public places and handed over this collection to the President, Zilla Sainik Parishad of Baroda.

#### **LOCAL RD CELEBRATION ON 26 Jan. 2000 at BARODA**

9. During the celebration, Vice-Chancellor, M.S. University took the salute. Cadets from M.S. University participated in the city RD parade.

10. Following cadets from MS University were selected for Short Service Commission :

- |                        |                         |
|------------------------|-------------------------|
| (a) Cdt Ajay Nair      | (b) Cdt Manish Kavr     |
| (c) Cdt M. Gujjar      | (d) Cdt Amit Chauhan    |
| (e) Miss Narinder Kaur | (f) Miss Sapana Sharma. |

11. Flying Activities :

Following cadets of M.S. University carried out flying activities :

- |                       |
|-----------------------|
| (a) Sanghani Dharmesh |
| (b) Swati Raval.      |

12. 49 Cadets of M.S. University participated in National Level Camps and cash award from M.S. University are still awaited.
13. Three platoons of cadets of M.S. University gave ceremonial salute on Vijay Diwas on 16 Dec. 99 at Gokhru Police Ground, Baroda.
14. Cadets of M. S. University participated in RDC and attended the Governor's 'At Home' at Raj Bhavan Gandhinagar on 02 Feb. 2000.
15. 30 Cadets of M. S. University participated in Civil Defence Rally on 6 Dec. 99.

## **28D. Department of Physical Education**

### **I. INTRODUCTION**

The Physical Education Department looks after the sports facilities of the University courts which includes 2 Cricket grounds fields, 1 Hockey field, 1 Badminton Court (Covered), 2 Tennis Courts, 2 Basket Ball Courts one with flood light, 2 Kho-Kho Fields, 2 Kabaddi Courts, 4 Volley Ball Courts, a Swimming Pool, MultiGym and a Boat House, a unique facility available for the student amusement at Sursagar Lake in the central part of the city. Physical Education is compulsory for the students of the First year degree course.

The Department has one Director of Physical Education, six Assistant Directors of Physical Education (four men and two women) and 1 Hockey coach. The staff undertakes classes for the first year students of all the Faculties at Union Pavilion Ground. Each member of the staff looks after two to three games and coaches as per their expertise. The staff has also been active at the National Level. One of the staff has been a member and, appointed as a coach of Indian University Athletics team. Two members acted as Officials in the last Asian Games held in Delhi and two persons have worked as technical delegates representing India at various International Sports Meets.

### **II. FACILITIES AVAILABLE**

<b>Sr.No.</b>	<b>Name</b>	<b>Specifications</b>
1.	Athletic	Track Standard size with eight lane grassy clay.
2.	Multigym	Various Equipments installed in 20' x 12' room at the Pavilion Building.
3.	Swimming Pool	33.50 mts. x 12.40 mts. 6 lane with diving board, chlorine filtration facility, bath rooms and change rooms. diving boards 2.27 mts. shallow water depth, 1.07 mts.
4.	Badminton Court	20.85 mts. x 13.25 mts. indoor court with wooden floor.
5.	Basket Ball Court (2) nos.	28 mts. x 15 mts. One standard size cemented and with flood light facility.
6.	Table Tennis Court	Standard size cemented and with flood light facility.
7.	Volley Ball Court (6) nos.	Standard size open.
8.	Hand Ball Court	Standard size.
9.	Kho Kho (2) nos.	27 mts. x 15 mts. One court equipped with flood light.
10.	Foot Ball field	96.4 mts. x 55.00 mts.
11.	Cricket field (2) nos.	With matting wicket pitches.

#### **STAFF :**

1.	Director of Physical Education	:	1 Vacant
2.	Asstt. Director of Physical Education (Men)	:	5
3.	Asstt. Director of Physical Education (Women)	:	2 Vacant
4.	Hockey Coach	:	1
5.	Two Coaches	:	Posts Vacant

### **III TRAINING IN PHYSICAL EDUCATION :**

1266 Boy students and 1215 Girl students from various Faculties and Institutions were trained in Physical Education.

**SWIMMING** : 500 members including staff & students used the swimming pool facilities.

**MULTIGYM** : This year 173 students took the advantage of the multigym.

**28D. Department of Physical Education**

**TRAINING AND COACHING IN SPORTS AND GAMES :**

Total Number of men and women trained in various games during 1999-2000.

Sr.No.	Name of Game	Men	Women
01	Athletics	10	06
02	Badminton	20	10
03	Basket Ball	20	-
04	Best Physique	10	-
05	Cricket	67	22
06	Cycling	06	-
07	Foot Ball	50	-
08	Hand Ball	18	-
09	Hockey	25	-
10	Kabaddi	20	-
11	Kho-Kho	18	14
12	Malkhamb	05	-
13	Swimming	07	-
14	Table Tennis	10	07
15	Tennis	40	04
16	Volley Ball	24	13
17	Wrestling	14	-
18	Judo	10	05
19	Yoga	17	10

**IV PARTICIPATION IN INTER UNIVERSITY TOURNAMENTS :**

Following teams were selected and have participated in the Inter University Tournaments :

Sr.No.	Name of the Game	Name of the Faculty	No. of Students Participated
01	Judo (Men)	Arts, Law, Commerce & Science	5
02	Judo (Women)	Arts & Commerce	2
03	Athletics	Commerce	2
04	Wrestling	Arts, Commerce & Performing Arts	5
05	Chess	Arts, Commerce & Polytechnic	5
06	Tennis	Fine Arts & Technology & Engineering	4
07	Hockey (Men)	Arts, Commerce & M.K. Amin College, Padra	16
08	Cricket (Men)	Arts, Commerce, Science & Technology & Engineering	16
09	Kho-Kho (Men)	Arts, Commerce & Science	11
10	Kho-Kho (Women)	Arts, Commerce & Sanskrit Mahavidyalaya	10
11	Yoga (Men)	Arts & Commerce	6
12	Yoga (Women)	Arts & Commerce	6
13	Badminton (Men)	Commerce, Polytechnic & Technology & Engineering	6
14	Badminton (Women)	Commerce & Science	3
15	Swimming Diving & Water Polo	Commerce	2
16	Malkhamb	Arts & Commerce	2
17	Handball	Commerce & M.K. Amin College, Padra	12
18	Kabaddi (Men)	Commerce & M.K. Amin College, Padra & Arts	12
19	Football	Arts, Commerce, Science, Law, Polytechnic	18
20	Volley Ball (Men)	Arts, Commerce, Science & Technology & Engineering	12

**28D. Department of Physical Education**

21	Volley Ball (Women)	Arts, Science, Commerce & Law	12
22	Table Tennis (Men)	Arts and Commerce	5
23	Table Tennis (Women)	Commerce and Science	3
24	Basket Ball (Men)	Arts, Commerce & Science	12
25	Cricket (Women)	Arts, Commerce, M.K. Amin College, Padra, Science and Fine Arts	15

**V Representation at Regional/National/International Level Tournaments :**

1	Cricket (Men) :	Bhosle (Jayraj), Sahastrabudhe K. - Vizzy Trophy
2	National Tournament Under 19 Yrs.	Bhosle Jayraj
3	National Tournament Cricket (Women)	Shaikh Tavar, Shah Roshni
4	National Championship (Represented Gujarat State) Kho-Kho (Men & Women)	(1) Khanvilkar Tushar, (2) Jadhav Tushar, (3) Chunurk Shailesh
	Men	Handa Nayana, Anuradhu Abhyankar
	Women	
5	National Championship Basket Ball (Men & Women) Men	Patel Prashant, Dighe Kaustubh

**INTER FACULTY TOURNAMENTS :**

1	Athletics	Champion
	Men	Mr. Dave Kirtikumar
	Women	Miss Hande Nayana

Sr.No.	Name of Game	Winners
1	Foot Ball (Men)	Faculty of Technology & Engineering
2	Cricket (Men)	Faculty of Commerce
3	Volley Ball (Men)	Faculty of Commerce
4	Volley Ball (Women)	Faculty of Commerce
5	Basket Ball (Men)	Faculty of Commerce
6	Badminton (Men)	
	(Singles)	Jambe Arkodh (Tech.)
	(Doubles)	Adhyaru M. (Tech.) Jambe A. (Tech.)
	Badminton (Women)	Ashwini
	(Singles)	Joshi A. (Comm.)
7	Tennis (Men)	Technology & Engineering (A)
8	Table Tennis (Women)	Pawar Priti (Comm.) Shah Kosha (Sci.) Khatri Gagan (Comm.) Shah M. (Comm.)
	(Men)	

**VI ACHIEVEMENTS OF STAFF :**

Sr.No.	Name	Achievement
1	Desai K.B.	Appointed as Observer and Member of Selection Committee for : 1. Vizzy Trophy Cricket Team for West Zone 2. All India Inter Zonal Inter University Tournament held at Bhopal.

**VII PARTICIPATION IN SEMINAR**

Sr.No.	Name of the Participant	Name of Seminar
1	Desai K.B. Thumar P.B. & Patel V.K.	Inter National Seminar on Sports Management held at L.N.I.P.E. Gwalior during Oct. 1999

## **28E. Students' Common Room**

There are three Common Rooms for University students. Two Rooms are on the campus-one for boys and the other one for girl students. The third room generally known as Non-Resident Student's Centre is near the Faculty of Technology and Engineering. The women Student's 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 looks after the upkeep and arrangements of the rooms. The rooms are also used for meetings of Student Associations, Social activities, Indoor Games and Tournaments.

## **28F. Foreign Students**

The M. S. University of Baroda has been attracting students from other countries because of its cosmopolitan character and English language as the medium of instruction. Increase in number of Foreign Students was observed during 1984-85 to about 450 during 1989-90. Since then, the number went on decreasing and 155 students were registered during 1994-95 and 120 during 1995-96, 102 in 1996-97, 100 in 1997-98, 100 in 1998-99 and 95 during 1999-2000. Nearly 40% of the students study as Government of India scholars selected under various cultural exchange programs. (ICCR) Remaining 60% study as self-financed students. These students come from various countries of the world: Bangladesh, Fiji, Ghana, Jordan, Kenya, Mauritius, Nepal, Nigeria, Somalia, Sudan, Tibet, Israel, U.K., Malaysia and Korea. 50% of the total students this year are from Jordan, Kenya, Bangladesh, Mauritius, Nepal & Tibet. These students representing different nationalities organise cultural functions while celebrating their Independence Day and other festivals. At the University, they have formed International Student Association. The Association celebrates UNO day jointly with the Lions Club every year. They also participate in games representing University Team and perform well. They take active part in Students' union functions at the Faculty and University level. A large number of Indian students also remain present in their functions. Various service organisations like Lions Club in the city invite foreign students to perform their cultural programs during the celebration of Day of International understanding and peace. (Maulana Abul Kalam Azad Day). Every year Foreign Students' Day is celebrated in which Foreign and Indian Students participate.

## **28G. Baroda University Teachers' Association**

Baroda University Teachers' Association (BUTA), founded in 1967 has been in the forefront of the teachers' movement not only on the M. S. University campus, but also in the State of Gujarat for more than three decades in bringing about a considerable improvement in the quality of higher education and also in protecting the interest of the teachers in particular and the students in general. When the University Act was amended by the Government of Gujarat, the Association was successful in getting higher representation for teachers on the Syndicate and probably BUTA was the only Association which insisted and successfully got the Government to incorporate a provision in the M. S. University Act that only a serving teacher of the University could be the Pro-Vice-Chancellor and not anyone from outside. While struggling for protecting the interests of the teachers, it has always provided constructive co-operation to the University in improving the environment for teaching and learning and for providing quality education.

### **Important Activities during the Year**

- |           |   |
|-----------|---|
| 11.4.1999 | Emergency meeting of the Executive Committee to discuss and consider the action against the hasty decision of the University in suspending a teacher without an enquiry                           |
| 25.4.1999 | Fax sent to the Chief Minister of Gujarat requesting him for issuing the 2 <sup>nd</sup> G.R. regarding modifications in the pay scales in the light of 2 <sup>nd</sup> G.R. of the HRD Ministry. |
| 28.5.1999 | Hosts the State Federation Executive Committee meeting at Baroda.   |
| 1.7.1999  | Executive Committee resolves to contribute at least one day's salary by every teacher towards the Prime Minister's Kargil Fund.   |

## **28G. Baroda University Teachers' Association**

- 19.7.1999 The President appoints a committee, as decided in the AGM, to prepare a Report on UGC Guidelines, Workload Norms & Related matters.
- 6.8.1999 An urgent General Body condemns the vandalism and arson committed by students in the Faculty of Arts.
- 14.10.1999 Special General Body considers and approves the Ashok Redey Committee Report on UGC Guidelines, Workload Norms & Related Matters.
- 24.10.1999 to 26.10.1999 President, Vice-President and General Secretary attend the Bi-annual Statutory Conference of AIFUCTO at Bhopal.
- 27.11.1999 BUTA demands and gets an emergency meeting of the Executive Committee of the Gujarat State Federation of University and College Teachers' Associations on 17.12.1999. The Executive Committee of the Federation elects the new General Secretary and constitutes a co-ordination committee with BUTA President as one of the members, to negotiate with the State Government on pending problems.
- 15.12.1999 Demands an early implementation of the Career Advancement Scheme.
- 7.1.2000 The Executive Committee resolves to request the University for implementation of (1) UGC Norms for Admissions, Workload of teachers and class-room size/batch for practicals, (2) Syndicate Decisions of May, 1982, (3) to revive the provision for transfer of teachers of M.K. Amin Arts & Science College & College of Commerce, Padra to Baroda, & (4) to reduce the tenure of Deans and Heads of Departments to one term of three years.
- 23.2.2000 On a suggestion from the Syndicate, the General Body meeting considers the tenure of Deans and Heads of Depts. The General Body authorises the President and the General Secretary to decide the course of action, if necessary, in consultation with the Governing Council, for early payment of arrears. A copy of the General Body Resolution sent to the Education Minister, Govt. of Gujarat.

### **Notable Achievements of BUTA during the year**

1. Suspension of the teacher revoked immediately on a representation from BUTA
2. 2<sup>nd</sup> G.R. issued by the State Government on 29.4.1999 accepting the revised G.R. of the HRDM dated 6.11.1998 regarding modifications in the pay scales in response to BUTA's Fax dated 25.4.1999 to the Chief Minister of Gujarat.
3. BUTA Committee Report on UGC Guidelines, Workload Norms & Related Matters published in UNIVERSITY TODAY of 15<sup>th</sup> November, 1999 in Delhi.
4. The former General Secretary of BUTA elected Treasurer of AIFUCTO at Bhopal meeting.
5. The Syndicate accepts the reduction of Head's tenure to one term of five years with no extension.
6. The University Committees on which the President or the General Secretary or both worked :
  - Housing Allocation Committee
  - Draft Ordinances incorporating UGC Guidelines
  - Students Grievance Redressal Committee
  - Inquiry Committee on vandalism & arson on the campus
  - Union Election Observers' Committee
1. G.R. dated 24.3.2000 issued for payment of 80% of arrears and verification of pay fixation by the government auditors in response to the General Body resolution sent to the Education Minister on 23.2.2000.
2. BUTA establishes a cordial and constructive relationship with the administration for discussing and solving not only the problems of the teachers, but also the problems of the administration and the students.

## **28H. Baroda University Staff Association**

### **THE ACTIVITIES OF NON-TEACHING STAFF ASSOCIATION (BARODA UNIVERSITY STAFF ASSOCIATION, BUSA)**

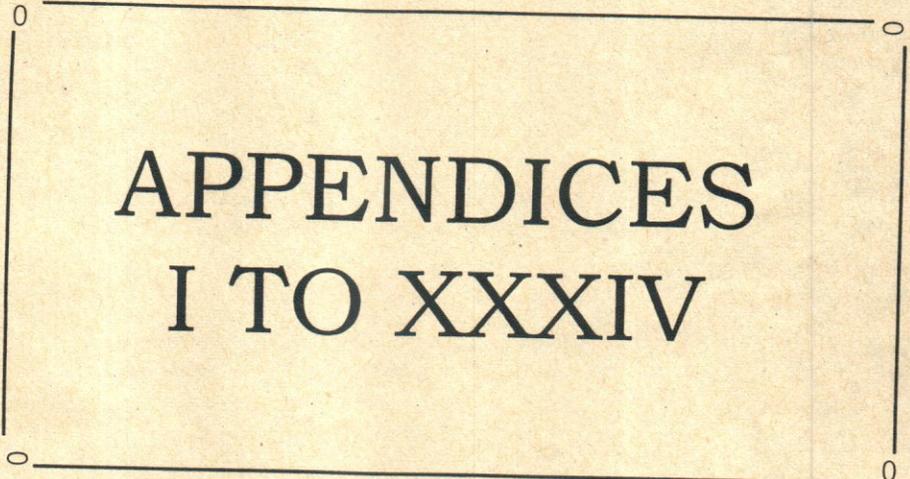
1. A scooter rally was organized by BUSA on 18.8.99 to salute the martyrs of Baroda who sacrificed their lives. The rally was led by the Vice-Chancellor, Dr. Anil Kane, Pro-Vice Chancellor, Dr. Dipak Kumar De which started from the Faculty of Arts. University officers also participated in the rally.
2. On the eve of Golden Jubilee Year of the University, All Gujarat University Staff Cricket Tournament was organized by the University Staff Sports Club on 9-10 January, 2000 at the Union Pavilion. Chancellor, Dr. Mrunalini Devi Puar inaugurated the tournament at 7.00 a.m. on 9<sup>th</sup> January and the Vice-Chancellor. Pro-Vice Chancellor distributed the prizes to the winners of the Tournament. Our University team was the runners up for the year 1999-2000.
3. A team of 26 BUSA members helped to V.C.C.I. as Event Assistants in the successfully organized National Industrial Exhibition held from 18<sup>th</sup> to 22<sup>nd</sup> February, 2000.
4. The Members contributed one days salary towards the Kargil Fund.
5. An amount of Rs.25,000/-, lump-sum was granted to the daily wagers in the 69-77 years age group in the Construction Division due to active representation of BUSA.
6. BUSA office bearers represented the cases of pay anomalies before the State Anomaly Committee consisting of Retd. Judge, Shri N.B. Patel (Chairman), Shri Vinay Sharma, Additional Chief Secretary, Shri Rajesh Kishore, I.A.S., and Shri A.B. Pathan, Officer on Special Duty appointed by the Government of Gujarat for pay anomalies. BUSA President and General Secretary made the representation before the Committee on 27.1.1999, 26.6.1999 and 26.10.1999 at Ahmedabad/Gandhinagar.
7. M.S. University staff team won the All Gujarat University Staff Cricket Tournament held at Gujarat Agricultural University, Dantiwada on 25<sup>th</sup> March, 2000. Eleven teams had participated in the Tournament.
8. M.S. University Staff Co-operative Credit Society organized a prize distribution on 29<sup>th</sup> September, 1999 for the children of the members who secured good marks in the various examinations.
9. The society also provides full-scape note books to the members at subsidized rates every year.

## **28I. The M. S. University Officers' Association**

The Officers' Association, a non-formal body, was established in 1993 and is seven years old now. The aim of the Association has been to act as a watch dog on 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 30 members working in different institutions like University Press, Construction Division, Library system, Computer Centre, Health Centre, over and above 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 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.



APPENDICES  
I TO XXXIV

# I

## Number of Students Enrolled in Various Courses during the year 1999-2000

Level	Men	Women	Total
<b>FACULTY OF ARTS</b>			
<b>Certificate Courses</b>			
Certificate Course in Arabic	09	05	14
Certificate Course in French	-	-	-
Certificate Course in German	36	31	67
Certificate Course in Russian	17	19	36
Certificate Course in Persian	-	-	-
<b>Total</b>	<b>62</b>	<b>55</b>	<b>117</b>
<b>Diploma Courses</b>			
Diploma in Arabic	02	00	02
Diploma in French	02	06	08
Diploma in German	06	11	17
Diploma in Russian	03	03	06
Diploma in Persian	-	-	-
<b>Total</b>	<b>13</b>	<b>20</b>	<b>33</b>
<b>Post Diploma Courses</b>			
Post Diploma in German	02	04	06
Post Diploma in Russian	04	01	05
<b>Total</b>	<b>06</b>	<b>05</b>	<b>11</b>
<b>Degree Courses</b>			
I Year B.A.	381	480	861
II Year B.A.	269	564	833
III Year B.A.	176	345	521
B. Lib. Sc.	04	22	26
<b>Total</b>	<b>830</b>	<b>1411</b>	<b>2241</b>
<b>Post-Graduate Degree Courses</b>			
M.A. (Pre.)	194	392	586
M.A. (Final)	152	315	467
M. Phil	-	05	05
Ph. D.	25	22	47
<b>Total</b>	<b>371</b>	<b>734</b>	<b>1105</b>
<b>Grand Total</b>	<b>1282</b>	<b>2225</b>	<b>3507</b>
<b>FACULTY OF SCIENCE</b>			
<b>Post Diploma Courses</b>			
Lab. Techniques I	02	03	05
Lab. Techniques II	03	01	04
<b>Total</b>	<b>05</b>	<b>04</b>	<b>09</b>
<b>Degree Courses</b>			
I Year B.Sc.	402	428	830
II Year B.Sc.	303	411	714
III Year B.Sc.	331	421	752
<b>Total</b>	<b>1036</b>	<b>1260</b>	<b>2296</b>
B.Sc. Suppl.	-	-	-
<b>P.G. Diploma Courses</b>			
Lab. Techniques	01	12	13
<b>Total</b>	<b>01</b>	<b>12</b>	<b>13</b>

**Post-Graduate Degree Courses**

M.Sc. (Pre.)	161	202	363
M. Sc.(Final)	163	192	355
M.Sc. (Appl. Geol.)	03	02	05
M. Phil.	-	02	02
Ph.D.	18	05	23

<b>Total</b>	<u>344</u>	<u>403</u>	<u>747</u>
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<b>Grand Total</b>	<u>1386</u>	<u>1679</u>	<u>3065</u>
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**FACULTY OF EDUCATION AND PSYCHOLOGY****Degree Courses**

II Year	18	63	81
III Year	29	35	64
B. Ed.	58	120	178
<b>Total</b>	<u>105</u>	<u>218</u>	<u>323</u>

**Post-Graduate Diploma Courses**

P.D.E.M.	03	15	18
H.R.D.	28	27	55
C.C.P	05	16	21
<b>Total</b>	<u>36</u>	<u>58</u>	<u>94</u>

**Post -Graduate Degree Courses**

M. A. (Pre.)	10	25	35
M. A. (Final)	09	26	35
M. Phil	-	-	-
Ph.D.	02	03	05
<b>Total</b>	<u>21</u>	<u>54</u>	<u>75</u>

<b>Grand Total</b>	<u>162</u>	<u>330</u>	<u>492</u>
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**FACULTY OF COMMERCE****Degree Courses**

I Year	2658	2564	5222
II Year	2251	2119	4370
III Year	1784	1728	3512
<b>Total</b>	<u>6693</u>	<u>6411</u>	<u>13104</u>

**Post-Graduate Diploma Courses**

Post-Graduate Diploma in Banking	24	34	58
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**Post-Graduate Degree Courses**

M. Com. (Pre.)	1156	838	1994
M. Com. (Final)	678	620	1298
Ph.D.	06	02	08
<b>Total</b>	<u>1840</u>	<u>1460</u>	<u>3300</u>

<b>Grand Total</b>	<u>8557</u>	<u>7905</u>	<u>16462</u>
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**FACULTY OF MEDICINE****Degree Courses**

I Year	167	53	220
II Year	131	72	203
III Year	324	112	436
<b>Total</b>	<u>622</u>	<u>237</u>	<u>859</u>

**Post-Graduate Diploma Courses**

Part -I	32	18	50
Part -II	<u>43</u>	<u>09</u>	<u>52</u>
<b>Total</b>	<b><u>75</u></b>	<b><u>27</u></b>	<b><u>102</u></b>

**Post-Graduate Degree Courses**

Part -I	77	27	104
Part -II	130	35	165
Ph.D.	<u>01</u>	<u>05</u>	<u>06</u>
<b>Total</b>	<b><u>208</u></b>	<b><u>67</u></b>	<b><u>275</u></b>
<b>Grand Total</b>	<b><u>905</u></b>	<b><u>331</u></b>	<b><u>1236</u></b>

**FACULTY OF TECHNOLOGY AND ENGINEERING****Diploma Courses**

I Year	32	07	39
II Year	20	05	25
III Year	<u>25</u>	<u>04</u>	<u>29</u>
<b>Total</b>	<b><u>77</u></b>	<b><u>16</u></b>	<b><u>93</u></b>

**Degree Courses**

I Year	464	152	616
II Year	440	151	591
III Year	467	154	621
IV Year	484	171	655
V Year	<u>25</u>	<u>16</u>	<u>41</u>
<b>Total</b>	<b><u>1880</u></b>	<b><u>644</u></b>	<b><u>2524</u></b>

**Post Graduate Diploma Courses**

Junior	55	22	77
Senior	-	-	-
<b>Total</b>	<b><u>55</u></b>	<b><u>22</u></b>	<b><u>77</u></b>

**Post-Graduate Degree Courses**

Previous	231	83	314
Final	202	57	259
Ph.D.	<u>13</u>	<u>03</u>	<u>16</u>
<b>Total</b>	<b><u>446</u></b>	<b><u>143</u></b>	<b><u>589</u></b>
<b>Grand Total</b>	<b><u>2458</u></b>	<b><u>825</u></b>	<b><u>3283</u></b>

**FACULTY OF LAW****Degree Courses:**

LL.B. (Pre.)-General	116	107	223
LL.B. (Final)-General	63	32	95
LL.B. (Special)	<u>57</u>	<u>26</u>	<u>83</u>
<b>Total</b>	<b><u>236</u></b>	<b><u>165</u></b>	<b><u>401</u></b>

**Post -Graduate Diploma Courses**

D.T.P.	68	47	115
D.L.P.	<u>28</u>	<u>17</u>	<u>45</u>
<b>Total</b>	<b><u>96</u></b>	<b><u>64</u></b>	<b><u>160</u></b>

**Post-Graduate Degree Courses**

LL.M. (Pre.)	06	06	12
LL.M. (Final)	01	02	03
Ph..D.	-	-	-
<b>Total</b>	<b><u>07</u></b>	<b><u>08</u></b>	<b><u>15</u></b>
<b>Grand Total</b>	<b><u>339</u></b>	<b><u>237</u></b>	<b><u>576</u></b>

**FACULTY OF FINE ARTS****Diploma Course :**

I Year	03	01	04
II Year	07	-	07
III year	06	02	08
IV Year	<u>12</u>	<u>03</u>	<u>15</u>
<b>Total</b>	<b><u>28</u></b>	<b><u>06</u></b>	<b><u>34</u></b>

**Post -Graduate Diploma Courses**

Part - I	23	08	31
Part - II	<u>11</u>	<u>04</u>	<u>15</u>
<b>Total</b>	<b><u>34</u></b>	<b><u>12</u></b>	<b><u>46</u></b>

**Degree Course**

I Year	29	50	79
II Year	32	29	61
III year	30	37	67
IV Year	<u>29</u>	<u>26</u>	<u>55</u>
<b>Total</b>	<b><u>120</u></b>	<b><u>142</u></b>	<b><u>262</u></b>

**Post-Graduate Degree Courses**

M.A. Fine (Pre.)	27	17	44
M. A. Fine (Final)	27	21	48
Ph.D.	<u>02</u>	<u>01</u>	<u>03</u>
<b>Total</b>	<b><u>56</u></b>	<b><u>39</u></b>	<b><u>95</u></b>

<b>Grand Total</b>	<b><u>238</u></b>	<b><u>199</u></b>	<b><u>437</u></b>
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**FACULTY OF HOME SCIENCE**

Certificate Course	-	14	14
<b>Total</b>	<b><u>-</u></b>	<b><u>14</u></b>	<b><u>14</u></b>

**Degree Course**

I Year (Home)	01	349	350
II Year (Home)	-	285	285
III Year (Home)	-	<u>265</u>	<u>265</u>
<b>Total</b>	<b><u>01</u></b>	<b><u>899</u></b>	<b><u>900</u></b>

**Post-Graduate Diploma Courses**

P.G. C.D.	-	24	24
P.G. Ed. Extension	-	<u>13</u>	<u>13</u>
<b>Total</b>	<b><u>-</u></b>	<b><u>37</u></b>	<b><u>37</u></b>

**Post-Graduate Degree Courses**

M.Sc. ( Home.) Part I (Pre)	-	64	64
M.Sc. ( Home.) Part II (Final)	-	42	42
M. Phil	-	-	-
Ph. D.	-	<u>07</u>	<u>07</u>
<b>Total</b>	<b><u>-</u></b>	<b><u>113</u></b>	<b><u>113</u></b>

<b>Grand Total</b>	<b><u>01</u></b>	<b><u>1,063</u></b>	<b><u>1,064</u></b>
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**FACULTY OF SOCIAL WORK****Post-Graduate Diploma Course**

Industrial Relations and Personnel Management	<u>17</u>	<u>12</u>	<u>29</u>
<b>Total</b>	<b><u>17</u></b>	<b><u>12</u></b>	<b><u>29</u></b>

**Post-Graduate Degree Courses**

MSW (Pre.)	13	27	40
MSW (Final)	11	29	40
MHRM	13	18	31
Ph.D.	-	-	-
<b>Total</b>	<u>37</u>	<u>74</u>	<u>111</u>
<b>Grand Total</b>	<u>54</u>	<u>86</u>	<u>140</u>

**FACULTY OF PERFORMING ARTS****Diploma Courses**

I Year D.P.A.	240	148	388
II Year D.P.A.	92	77	169
III Year D.P.A.	40	54	94
IV Year D.P.A.	34	33	67
<b>Total</b>	<u>406</u>	<u>312</u>	<u>718</u>

**Degree Course**

I Year B.P.A.	33	26	59
II Year B.P.A.	14	10	24
III Year B.P.A.	16	22	38
<b>Total</b>	<u>63</u>	<u>58</u>	<u>121</u>

**Post-Graduate Degree Courses**

M.P.A. (Pre.)	19	07	17
M.P.A. (Final)	00	11	20
Ph.D.	01	02	03
<b>Total</b>	<u>20</u>	<u>20</u>	<u>40</u>
<b>Grand Total</b>	<u>489</u>	<u>390</u>	<u>879</u>

**FACULTY OF MANAGEMENT STUDIES****Post-Graduate Degrees**

M.B.A. (Pre.)	35	05	40
M.B.A. (Final)	33	07	40
Ph.D.	02	01	03
<b>Grand Total</b>	<u>70</u>	<u>13</u>	<u>83</u>

**FACULTY OF JOURNALISM AND COMMUNICATION****Post-Graduate Degree Course**

M.J.C. (Pre.)	10	08	18
M.J.C. (Final)	02	15	17
<b>Grand Total</b>	<u>12</u>	<u>23</u>	<u>35</u>

**POLYTECHNIC****Diploma Courses**

(i) After S.S.C. (New)			
I Year	293	80	373
II Year	295	81	376
III Year	282	89	371
<b>Total</b>	<u>870</u>	<u>250</u>	<u>1120</u>

(ii)	After H.S.C.			
	I Year	145	10	155
	II Year	180	08	188
	III Year	201	06	207
	<b>Total</b>	<b><u>226</u></b>	<b><u>24</u></b>	<b><u>550</u></b>
(iii)	E.D.C.			
	I Year	195	05	200
	II Year	81	02	83
	III Year	65	03	68
	IV Year	52	-	52
	<b>Total</b>	<b><u>393</u></b>	<b><u>10</u></b>	<b><u>403</u></b>
(iv)	Post Diploma Course :			
	Post Diploma in Refrigeration & Airconditioning	13	-	13
	<b>Grand Total</b>	<b><u>1802</u></b>	<b><u>284</u></b>	<b><u>2086</u></b>

### BARODA SANSKRIT MAHAVIDYALAYA

#### Certificate Course (Prathamkaksha)

I Year	24	-	24
II Year	-	-	-
<b>Total</b>	<b><u>24</u></b>	<b><u>-</u></b>	<b><u>24</u></b>

#### Diploma Course

##### Visharad

I Year Visharad	53	08	61
II Year Visharad	04	01	05
III Year Visharad	05	-	05
<b>Total</b>	<b><u>62</u></b>	<b><u>09</u></b>	<b><u>71</u></b>

#### Degree Course

##### Shastri

I Year	10	04	14
II Year	09	03	12
III Year	02	01	02
<b>Total</b>	<b><u>21</u></b>	<b><u>07</u></b>	<b><u>28</u></b>

**Grand Total** **107** **16** **123**

#### Post-Degree Graduate Degree Courses

##### Acharya

Acharya (Pre.)	15	07	22
Acharya (Final)	05	01	06
<b>Total</b>	<b><u>20</u></b>	<b><u>08</u></b>	<b><u>28</u></b>

**Grand Total** **127** **24** **151**

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

**Degree Courses**

**B.A.**

(i)	I Year B.A.	163	120	283
	II Year B.A.	28	38	66
	III Year B.A.	12	11	23

<b>Total</b>	<b><u>203</u></b>	<b><u>169</u></b>	<b><u>372</u></b>
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**B.Com.**

(ii)	I Year B.Com.	827	374	1201
	II Year B.Com.	498	213	711
	III Year B.Com.	251	183	434

<b>Total</b>	<b><u>1576</u></b>	<b><u>770</u></b>	<b><u>2346</u></b>
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<b>Grand Total</b>	<b><u>1779</u></b>	<b><u>939</u></b>	<b><u>2718</u></b>
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## II

### Statement showing the total number of University Students during the Year 1999-2000

Sr.	Faculties / Institutions	Post-Graduate Courses		Degree Courses		Diploma Courses		1999-2000		1998-99	1997-98
		Men	Women	Men	Women	Men	Women	Men	Women		
01.	Faculty of Arts	371	734	830	1,411	19	25	1,220	2,170	3,390	3,861
02.	Faculty of Science	344	403	1,036	1,260	06	16	1,386	1,679	3,065	3,460
03.	Faculty of Edu. & Psy.	21	54	105	218	36	58	162	330	492	500
04.	Faculty of Commerce	1,840	1,460	6,693	6,411	24	34	8,557	7,905	16,462	13,870
05.	Faculty of Medicine	208	67	622	237	75	27	905	331	1,236	1,285
06.	Faculty of Technology & Engg.	446	143	1,880	644	132	38	2,458	825	3,283	3,264
07.	Faculty of Law	07	08	236	165	96	64	339	237	576	806
08.	Faculty of Fine Arts	59	39	120	142	62	18	241	199	440	455
09.	Faculty of Home Science	-	113	01	899	-	37	01	1,049	1,050	1,009
10.	Faculty of Social Work	37	74	--	--	17	12	54	86	140	114
11.	Faculty of Performing Arts	20	20	63	58	--	--	83	78	161	180
12.	Faculty of Management Studies	70	13	--	--	--	--	70	13	83	77
13.	Faculty of Journalism & Commu.	12	23	-	-	--	--	12	23	35	17
14.	Polytechnic	--	--	--	--	1,802	284	1,802	284	2,086	2,155
15.	Baroda Sanskrit Mahavidyalaya	20	08	21	07	62	09	103	24	127	97
16.	Shri M.K. Amin Arts & Science College & College of Comm., Padra	--	--	1,779	939	--	--	1,779	939	2,718	2,193
<b>GRAND TOTAL</b>		<b>3,455</b>	<b>3,159</b>	<b>13,366</b>	<b>12,392</b>	<b>2,331</b>	<b>622</b>	<b>19,172</b>	<b>16,172</b>	<b>35,344</b>	<b>32,343</b>

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### III

#### Number of Students enrolled in various courses during the last five years

The University started with 2926 students on its roll. In 1999-2000 it had 35344 University students excluding certificate course and Non-University Students. The following table gives enrolment figures for the last five years. The percentage has been calculated considering 1995-98 as the base year :

Year	Total enrolment	Percentage (Increased/Decreased)
1995-96	33,346	-
1996-97	32,748	1.08
1997-98	33,339	0.02
1998-99	33,317	0.09
1999-2000	35,344	5.99



### IV

#### Statement showing percentage of Men and Women students in different Faculties/Institutions

The statement given shows the percentages of Men and Women students in various Faculties/Institutions at the University for the year 1980-81, 1990-91 and 1999-2000 :

Sr. No.	Faculties/Institute	1980-81		1990-91		1999-2000	
		Men	Women	Men	Women	Men	Women
01.	Faculty of Arts	50.0	50.0	42.20	57.80	35.99	64.01
02.	Faculty of Science	66.5	33.5	51.52	48.48	45.22	54.78
03.	Faculty of Edu. & Psy.	46.9	53.1	37.06	62.94	32.92	67.08
04.	Faculty of Commerce	62.7	37.3	49.40	50.60	51.98	48.02
05.	Faculty of Medicine	85.4	14.6	67.71	32.29	73.22	26.78
06.	Faculty of Technology & Engg.	96.8	3.2	82.74	17.26	74.87	25.13
07.	Faculty of Law	89.8	10.2	75.14	24.86	58.85	41.15
08.	Faculty of Fine Arts	73.2	26.8	56.58	43.42	54.46	45.54
09.	Faculty of Home Science	01	99.9	0.26	99.74	0.09	99.91
10.	Faculty of Social Work	57.4	42.6	61.90	38.10	38.57	61.43
11.	Faculty of Performing Arts	45.4	54.6	47.86	52.04	51.55	48.45
12.	Faculty of Management Studies	--	--	67.86	32.14	84.34	15.66
13.	Faculty of Journalism & Communication	--	--	--	--	34.28	65.72
14.	Polytechnic	98.9	1.1	91.17	8.83	86.38	13.62
15.	Baroda Sanskrit Mahavidyalaya	62.7	37.3	91.76	8.24	81.10	18.90
16.	M.K. Amin Arts & Science College & College of Commerce, Padra	82.3	17.7	66.0	34.0	64.45	34.55



# V

## Statement showing percentage students in different Faculties/Institution during the last five years

Sr. No.	Faculties/Institution	1995-96	1996-97	1997-98	1998-99	1999-2000
01.	Faculty of Arts	13.33	11.89	11.58	10.84	9.59
02.	Faculty of Science	10.74	10.27	10.38	10.85	8.67
03.	Faculty of Edu . & Psy	1.65	1.56	1.50	1.54	1.39
04.	Faculty of Commerce	39.99	40.38	41.60	41.35	46.57
05.	Faculty of Medicine	2.80	4.06	3.85	3.66	3.50
06.	Faculty of Tech. & Engg.	9.72	10.17	9.79	9.96	9.30
07.	Faculty of Law	1.88	2.46	2.42	1.77	1.63
08.	Faculty of Fine Arts	1.38	1.44	1.36	1.37	1.24
09.	Faculty of Home Science	2.99	2.91	3.03	3.07	2.97
10.	Faculty of Social Work	0.33	0.39	0.34	0.36	0.40
11.	Faculty of Performing Arts	0.62	0.56	0.54	0.58	0.46
12.	Faculty of Management	0.17	0.22	0.22	0.24	0.23
13.	Faculty of Jour & Comm.	0.04	0.05	0.05	0.10	0.10
14.	Polytechnic	6.54	6.65	6.46	6.42	5.90
15.	Baroda Sanskrit Mahavidyalaya	0.41	0.41	0.29	0.31	0.36
16.	Shri M. K. Amin Arts, Science College & College of Commerce Padra	7.41	6.58	6.58	7.58	7.69
<b>Grand Total</b>		<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>

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# VI

## Students admitted in various Halls of Residence during the year 1999-2000

Sr. Faculty No.	KM	M.A.	MM	SP	LBS	NV	JM	TKG	R.T.	MV	SJ	TOTAL V.S.	Total	H.M.	S.D.	P.G.	K.G.	TOTAL G. TOTAL	
01. Arts	01	61	90	15	15	13	01	01	-	-	03	200	220	66	147	9	4	226	446
02. Science.	102	01	02	03	32	-	02	-	-	-	-	142	166	43	12	09	92	156	322
03. Education & Psychology	2	06	01	01	09	03	-	-	-	-	01	23	30	05	22	03	04	34	64
04. Commerce	04	05	33	56	69	39	-	235	-	47	05	493	499	22	19	119	7	167	666
05. Medicine	32	-	-	-	-	-	262	-	-	-	-	294	301	06	02	-	68	76	377
06. Tech. & Engg.	06	-	04	04	04	77	-	-	259	204	277	835	869	51	-	160	12	223	1092
07. Fine Arts	-	95	10	44	04	-	-	-	-	-	-	153	156	05	100	-	03	108	264
08. Home Science	-	-	-	-	-	-	-	-	-	-	-	-	-	163	28	04	06	201	201
09. Social Work	-	2	-	5	-	-	-	-	-	-	-	07	07	1	3	3	4	11	18
10. Law	-	4	-	02	02	02	-	01	-	-	01	12	13	-	02	-	-	02	15
11. Performing Arts	-	-	20	04	-	-	-	-	-	-	-	24	26	-	10	04	01	15	41
12. Management studies	01	-	-	21	-	-	-	-	-	-	-	22	32	01	-	-	-	01	33
13. Journalism & Communication	-	-	-	06	-	-	-	01	-	-	-	07	07	-	01	-	02	03	10
14. Polytechnic.	-	-	51	18	12	37	-	-	45	13	13	189	189	02	13	01	-	16	205
15. Baroda Sanskrit	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	02	02	02
16. Shri M.K. Amin Arts & Science College & College of Commerce Padra	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
<b>TOTAL</b>	<b>148</b>	<b>174</b>	<b>211</b>	<b>179</b>	<b>147</b>	<b>171</b>	<b>265</b>	<b>238</b>	<b>304</b>	<b>264</b>	<b>300</b>	<b>2401</b>	<b>2515</b>	<b>365</b>	<b>356</b>	<b>312</b>	<b>205</b>	<b>1241</b>	<b>3756</b>

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## VII

### Statement showing the percentage of Students residing in the University hostels and the Corresponding Figures for the last Five Years

Year	Student residing in Hostels			Percentage of Students in Residence against Total Enrolment		
	Men	Women	Total	Men	Women	Total
1995-96	2,410	1,171	3,581	7.53	3.66	11.19
1996-97	2,510	1,224	3,734	7.66	3.74	11.39
1997-98	2,612	1,315	3,927	7.67	3.86	11.53
1998-99	2,383	1,260	3,643	7.15	3.78	10.92
1999-2000	2,515	1,241	3,756	7.11	3.51	10.62

## VIII

### Statement showing the Non-University Students during the year 1999-2000

Faculties/Institutions	1999-2000			1998-99	1997-98
	Men	Women	Total		
<b>A. Diploma Course</b>					
(i) Faculty of Performing Arts	406	312	718	636	752
<b>B. Certificate Courses:</b>					
(i) Faculty of Arts	62	55	117	336	418
(ii) Faculty of Home Science	-	14	14	76	75
(iii) Baroda Sanskrit Mahavidyalaya	24	-	24	76	75
<b>C. S.S.C. Course</b>					
(i) University Experimental School	527	316	843	837	865
<b>D. (i) Chetan Balwadi</b>	49	40	89	92	95
<b>Total</b>	<b>1068</b>	<b>737</b>	<b>1805</b>	<b>1997</b>	<b>2255</b>

## IX

### Number of Disabled Students in various Faculties/Institutions during the year 1999-2000

Faculties/Institutions	Level	Men	Women
01. Faculty of Arts	UG	02	02
	PG	-	-
02. Faculty of Education & Psychology	UG	-	-
	PG	01	01
03. Faculty of Commerce	UG	07	03
	PG	02	-
04. Faculty of Technology & Engineering	UG	14	02
	PG	-	-
05. Faculty of Home Science	UG	-	01
	PG	-	-
06. Polytechnic	UG	18	-
	PG	-	-
07. Shri M.K. Amin Arts & Science College & College of Commerce, Padra	UG	03	-
	PG	-	-
<b>Grand Total</b>		<b>47</b>	<b>09</b>



# X

## Number of Overseas students during the year 1999-2000

Level	Men	Women	Name of the Country
<b>FACULTY OF ARTS</b>			
Under Graduate	-	1	Bangladesh
	7	1	Jordan
	1	-	Kenya
	2	1	Mauritius
	1	-	Sri Lanka
	2	-	Sudan
<b>TOTAL</b>	<u>13</u>	<u>3</u>	
Post Graduate	-	2	Fiji
	1	-	Great Britain
	6	-	Jordan
	-	3	Tibet
	1	-	Yemen
<b>TOTAL</b>	<u>8</u>	<u>5</u>	
<b>FACULTY OF SCIENCE</b>			
Under Graduate	1	-	Jordan
	1	1	Kenya
	2	-	Mauritius
<b>TOTAL</b>	<u>4</u>	<u>1</u>	
Post Graduate	-	1	Bangladesh
	1	-	Jordan
<b>TOTAL</b>	<u>1</u>	<u>1</u>	
<b>FACULTY OF EDUCATION &amp; PSYCHOLOGY</b>			
Under Graduate	-	-	-
Post Graduate	1	-	Kenya
<b>TOTAL</b>	<u>1</u>	<u>-</u>	
<b>FACULTY OF COMMERCE</b>			
Under Graduate	-	-	
Post Graduate	11	-	Jordan
	-	1	Kenya
	-	1	Uganda
<b>TOTAL</b>	<u>11</u>	<u>2</u>	
<b>FACULTY OF TECHNOLOGY &amp; ENGINEERING</b>			
Under Graduate	1	-	Ganion
	1	-	Jordan
	4	-	Nepal
Post Graduate	-	-	
<b>TOTAL</b>	<u>6</u>	<u>-</u>	
<b>FACULTY OF FINE ARTS</b>			
Under Graduate	-	-	-
Post Graduate	1	-	Poland
<b>TOTAL</b>	<u>1</u>	<u>-</u>	
<b>FACULTY OF PERFORMING ARTS</b>			
Under Graduate	1	-	U.S.A.
	1	3	Bangladesh
Post Graduate	2	-	Bangladesh
	1	2	Mauritius
<b>TOTAL</b>	<u>5</u>	<u>5</u>	

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# XI

## Statement showing number of students belonging to Scheduled Castes Scheduled Tribes Socially and Economically Backward in various Faculties/Institutions during the year 1999-2000

Sr. No.	Faculties/Institutions	SC		ST		SEBC		Total
		M	W	M	W	M	W	
01.	Faculty of Arts	50	120	59	68	19	32	348
02.	Faculty of Science	64	54	12	14	84	76	304
03.	Faculty of Education & Psychology	10	19	10	15	09	16	79
04.	Faculty of Commerce	87	217	11	36	54	88	493
05.	Faculty of Medicine							
06.	Faculty of Technology & Engineering	148	37	74	15	300	58	632
07.	Faculty of Law	14	02	01	02	24	03	46
08.	Faculty of Fine Arts	03	02	01	-	08	08	22
09.	Faculty of Home Science	-	48	-	14	-	109	171
10.	Faculty of Social Work	04	07	03	04	06	05	29
11.	Faculty of Performing Arts	03	01	02	-	01	01	08
12.	Faculty of Management Studies	08	-	09	01	15	02	35
13.	Faculty of Journalism and Communication	-	-	-	-	-	-	-
14.	Polytechnic	122	24	138	23	410	55	722
15.	Baroda Sanskrit Mahavidyalaya	03	-	-	-	01	02	06
16.	Shri M.K. Amin Arts and Science College and College of Commerce, Padra	14	07	01	01	05	05	33

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# XII

## Results of the University Examinations for the First-Half of 1999-2000

Sr. No.	Examination	Number Appeared				Number Passed										Grand Total	Percentage of Passes		
		No. Regd.	Absent	Men		Women		Men		Women		Men		Women					
				Total	I Class	II Class	Pass Class	Total	I Class	II Class	Pass Class	Total	I Class	II Class	Pass Class				
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	
<b>FACULTY OF ARTS</b>																			
01.	I Year B.A.	1538	136	674	864	1538	-	23	67	69	159	-	70	152	124	346	505	36.48%	
02.	II Year B.A.	1130	120	484	646	1130	-	-	-	174	174	-	-	-	370	370	544	54.78%	
03.	III Year B.A.	713	39	262	451	713	-	9	40	88	137	4	41	171	148	364	501	75.22%	
04.	M.A. (Pre.)	554	65	198	356	554	-	-	-	119	119	-	-	-	286	286	405	82.99%	
05.	M.A. (Final)	494	32	162	332	494	-	14	63	44	121	4	37	151	101	293	414	89.80%	
06.	P.G. Dip. in Linguistics	1	-	1	-	1	-	1	-	-	1	-	-	-	-	-	1	100.00%	
07.	Dip. in French Lang	6	-	3	3	6	2	-	1	-	3	1	-	-	2	3	6	100.00%	
08.	Dip. in German Lang.	14	2	5	9	14	-	1	-	2	3	-	1	3	3	7	11	91.66%	
09.	Dip. in Russian Lang	3	-	3	-	3	-	1	2	-	3	-	-	-	-	-	3	100.00%	
10.	Post Dip. in German	4	-	1	3	4	-	1	-	-	1	1	1	1	-	3	4	100.00%	
11.	Post Dip. in Russian	2	-	-	2	2	-	-	-	-	-	2	-	-	-	-	2	100.00%	
12.	Dip. in Modern Arabic	23	2	2	21	23	1	1	-	-	2	4	6	4	1	15	17	80.95%	
13.	Dip. in Modern Persian	4	-	4	-	4	-	2	2	-	4	-	-	-	-	-	4	100.00%	
14.	B. Lib.	19	5	18	1	19	1	-	1	3	5	-	-	-	-	1	6	54.54%	
15.	M. Lib.	14	1	14	-	14	1	-	1	1	3	-	-	-	-	-	3	33.33%	
16.	I Year Vishard	11	1	9	2	11	1	-	-	6	7	-	-	2	-	2	9	90.00%	
17.	II Year Vishard	2	-	2	-	2	-	-	1	-	1	-	-	-	-	-	1	50.00%	
18.	I Year Shastri	7	1	6	1	7	-	1	2	1	4	-	-	-	-	-	4	66.66%	
19.	II Year Shastri	8	-	3	5	8	-	-	2	1	3	1	4	-	-	5	8	100.00%	
20.	I Year Acharya	4	1	3	1	4	-	1	1	-	2	-	-	1	-	1	3	100.00%	
21.	II Year Acharya	4	-	3	1	4	-	1	-	-	2	-	-	-	-	-	1	100.00%	
22.	III Year Vishard	4	-	3	1	4	-	1	-	-	2	1	-	-	-	1	4	100.00%	
23.	III Year Shastri	4	-	3	1	4	-	1	-	2	3	1	-	-	-	1	4	100.00%	
<b>FACULTY OF SCIENCE</b>																			
24.	I Year B.Sc.	1150	35	566	584	1150	-	6	30	78	114	-	22	57	69	148	262	23.60%	
25.	II Year B.Sc.	931	38	444	487	931	-	-	-	225	225	-	-	-	318	318	543	60.80%	
26.	III Year B.Sc.	716	30	349	367	716	10	55	81	80	226	14	93	139	64	310	536	78.13%	
27.	M.Sc. (Previous)	355	41	164	191	355	-	-	-	75	75	-	-	-	126	126	201	64.01%	
28.	M.Sc. (Final)	232	11	90	142	232	3	21	31	19	74	9	61	35	25	130	204	92.30%	

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
29. M.Sc. (App. Geology)			5		5		5	1	4										
30. M. Phil (Maths)			1			1	1									1	1	1	100.00%
31. Dip. in Lab. Tech			5		4	1	5		1	2	1	4		1			1	5	100.00%
32. Post B.Sc. Dip. in Lab. Tech			11		1	10	11			1		1	1	6	3		10	11	100.00%
<b>FACULTY OF EDUCATION &amp; PSYCHOLOGY</b>																			
33. B.Ed.	161		1	49	112	161			7	38	1	46	8	49	47		104	150	93.75%
34. M.Ed.	13	2	4	3	10	13			1	1		2	1	4	2		7	9	81.80%
35. P.G. Dip. in H.R.D.	45	4	21	24	45	45	1	2	10	3	16	4	4	10	7	1	22	38	92.68%
36. P.G. Dip. in C.C.P.	18	1	4	4	14	18			1	1		2	3	1	6	3	13	15	88.23%
37. Professional Dip. in Edu. Mgnt.	14	1	3	3	11	14				3		3	2	4	4		10	13	100.00%
<b>FACULTY OF COMMERCE</b>																			
38. I Year B. Com.	7919	380	4609	3310	7919				470	692	635	1797		647	644	474	1765	3562	47.85%
39. II Year B.Com.	5736	255	3183	2553	5736						1375	1375				1354	1354	2729	50.11%
40. III Year B.Com.	4149	164	2202	1947	4149				125	430	597	1152	10	219	545	525	1299	2451	61.86%
41. M. Com. (Pre.)	1296	335	659	637	1296						164	164				263	263	427	44.71%
42. M.Com. (Final)	608	101	265	343	608	4	9	65	49	127				34	104	69	207	334	67.61%
43. P.G. Dip. in Banking	47	8	18	29	47					2	2	4			4		4	8	20.51%
<b>FACULTY OF MEDICINE</b>																			
44. First M.B.B.S.	24	1	11	13	24						9	9				9	9	18	78.26%
45. Second M.B.B.S.	153	5	114	39	153						83	83				33	33	116	78.37%
46. Final M.B.B.S.	83	2	60	23	83						33	33				14	14	47	58.02%
47. M.D.	48		28	20	48						11	11				17	17	38	79.00%
48. M.S.	25		22	3	25						16	16				2	2	18	72.00%
49. M.Sc. Medical (Part I)	1			1	1											1	1	1	100.00%
50. M.Sc. Medical (Part II)	2		1	1	2						1	1				1	1	2	100.00%
51. D.O.	2		1	1	2						1	1				1	1	2	100.00%
52. D.A.	6		2	4	6						2	2				4	4	6	100.00%
53. D.L. & O.	2			2	2											2	2	2	100.00%
54. D.M.R.D. (Part I)	2		2		2						2	2						2	100.00%
55. D.M.R.D. (Part II)	3		3		3						2	2						2	66.66%
56. D.C.H.	3		3		3						2	2						2	66.66%
57. D.V. & D.	1			1	1													1	100.00%
58. D.T.C.D.	3			3	3											3	3	3	100.00%
59. D.C.P.	6		2	4	6						1	1				3	3	4	66.66%
60. D.I.H.	3		3		3						3	3						3	100.00%
61. D.G.O.	2		1	1	2						1	1				1	1	2	100.00%
62. I Year B. Physiotherapy	32		7	25	32						5	5				23	23	28	87.50%
63. II Year B. Physiotherapy	29		4	25	29						2	2				24	24	26	89.65%
64. III Year B. Physiotherapy	23	1	4	19	23						4	4				18	18	22	100.00%

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	
	<b>FACULTY OF TECHNOLOGY AND ENGINEERING</b>																			
65.	F.S.B.E.T. (CME, Chem, Met, Electro, I.E, Comp. Sci., IWM)	200	11	155	45	200	-	-	-	-	86	86	-	-	-	25	25	111	59.35%	
66.	S.S.B.E.I. (CME, Chem, Met, Electro, Comp. Sci., I.E, IWM)	542	16	443	99	542	43	58	95	62	258	258	13	12	23	20	68	326	62.21%	
67.	F.S.B.E.II (CME, Chem, Met, Electro, Comp. Sci., I.E, IWM)	124	6	104	20	124	-	-	-	51	51	51	-	-	-	11	11	62	64.58%	
68.	S.S.B.E.II (CME, Chem, Met, Electro. Comp. Sci., I.E, IWM)	514	12	409	105	514	42	64	120	54	280	280	17	17	38	8	80	360	75.63%	
69.	F.S.B.E. III (CME, Chem Met, Electro. Comp. Sci., I.E, IWM)	105	4	82	23	105	-	-	-	51	51	51	-	-	-	13	13	64	64.00%	
70.	S.S.B.E. III (CME, Chem, Met, Electro. Comp. Sci., I.E, IWM)	564	7	444	120	564	60	106	152	41	359	359	16	28	50	11	105	464	83.90%	
71.	F.S.B.E. IV (CME, Chem Met, Electro. Comp. Sci., I.E, IWM)	46	2	38	8	46	-	-	-	27	27	27	-	-	-	3	3	30	68.18%	
72.	S.S.B.E. IV (CME, Chem Met, Electro. Comp. Sci., I.E, IWM)	472	2	368	104	472	83	139	111	15	348	348	29	39	32	2	102	450	95.94%	
73.	F.S. Final B.E. (CME) PTD	22	9	19	3	22	-	-	-	6	6	6	-	-	-	-	-	6	46.15%	
74.	S.S. Final B.E. (CME) PTD	98	4	96	2	98	12	25	29	1	67	67	-	-	-	-	-	67	71.27%	
75.	F.S. Pre. Electronics Engg.	13	-	11	2	13	-	-	-	7	7	7	-	-	-	2	2	9	69.23%	
76.	S.S. Pre. Electronics Engg.	22	-	18	4	22	-	2	6	2	10	10	-	-	1	1	2	12	54.54%	
77.	F.S. Post B.Sc. (Electro) B.E. II	2	2	2	-	2	-	-	-	2	2	2	-	-	-	-	-	2	100.00%	
78.	S.S. Post B.Sc. (Electro) B.E. II	4	1	3	1	4	-	-	-	2	2	2	-	-	-	-	-	2	66.66%	
79.	F.S. Post B.Sc. (Electro) B.E. III	2	1	-	2	2	-	-	-	-	-	-	-	-	-	1	1	1	50.00%	
80.	S.S. Post B.Sc. (Electro) B.E. III	23	-	14	9	23	-	6	8	-	14	14	-	1	7	-	8	22	95.65%	
81.	F.S. B. Arch I	19	-	15	4	19	-	-	-	6	6	6	-	-	-	2	2	8	42.10%	
82.	S.S. B. Arch I	41	-	25	16	41	-	1	4	7	12	12	-	-	12	2	14	26	63.41%	
83.	F.S. B. Arch II	22	-	17	5	22	-	-	-	16	16	16	-	-	-	4	4	20	90.90%	
84.	S.S. B. Arch II	44	1	28	16	44	-	-	4	6	10	10	-	-	6	4	10	20	46.51%	
85.	F.S. B. Arch III	6	-	2	4	6	-	-	-	2	2	2	-	-	-	1	1	3	50.00%	
86.	S.S. B. Arch III	47	2	29	18	47	1	-	10	7	18	18	-	-	7	2	9	27	60.00%	
87.	F.S. B. Arch IV	3	-	1	2	3	-	-	-	1	1	1	-	-	-	2	2	3	100.00%	
88.	S.S. B. Arch IV	46	2	32	14	46	-	4	17	1	22	22	-	-	4	7	11	33	75.00%	
89.	F.S. B. Arch V	5	1	5	-	5	-	-	-	3	3	3	-	-	-	-	-	3	75.00%	
90.	S.S. B. Arch V	32	-	18	14	32	-	3	10	3	16	16	1	5	7	1	14	30	93.75%	
91.	F.S. B. Pharm I	10	-	6	4	10	-	-	-	2	2	2	-	-	-	-	-	2	20.00%	
92.	S.S. B. Pharm I	48	1	22	26	48	1	1	4	1	7	7	2	1	10	3	16	23	48.93%	
93.	F.S. B. Pharm II	11	-	9	2	11	-	-	-	8	8	8	-	-	-	1	1	9	81.81%	
94.	S.S. B. Pharm II	33	-	11	22	33	1	-	4	5	10	10	2	8	9	2	21	31	93.93%	
95.	F.S. B. Pharm III	7	-	7	-	7	-	-	-	4	4	4	-	-	-	-	-	4	57.14%	
96.	S.S. B. Pharm III	34	-	19	15	34	-	1	11	4	16	16	4	1	7	1	13	29	85.29%	
97.	F.S. B. Pharm IV	4	2	4	-	4	-	-	-	1	1	1	-	-	-	-	-	1	50.00%	

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	
98. F.S.B. Pharm-IV	27	-	21	6	27	-	-	-	19	1	20	-	-	3	3	-	6	26	96.29%	
99. F.S.F. Text (Engg.)	16	2	14	2	16	-	-	-	-	8	8	-	-	-	-	1	1	9	64.28%	
100. F.S.F. Text. (Tech.)	14	-	12	2	14	-	-	-	-	6	6	-	-	-	-	1	1	7	50.00%	
101. S.S.F. Text. (Engg.)	32	-	26	6	32	3	3	3	3	10	19	3	3	-	1	5	5	24	75.00%	
102. S.S.F. Text. (Tech.)	30	1	20	10	30	-	-	-	7	5	13	1	1	5	1	2	9	22	75.86%	
103. F.S.S. Text. (Engg.)	12	1	12	-	12	-	-	-	-	7	7	-	-	-	-	1	1	7	70.00%	
104. F.S.S. Text (Tech.)	11	-	10	1	11	-	-	-	-	6	6	-	-	-	-	1	1	7	70.00%	
105. S.S.S. Text. (Engg.)	29	1	25	4	29	1	3	7	7	7	18	1	1	2	1	-	4	22	81.48%	
106. S.S.S. Text. (Tech.)	26	-	18	8	26	3	2	4	4	5	14	3	3	2	2	1	8	22	88.00%	
107. F.S.T. Text (Engg.)	2	-	2	-	2	-	-	-	-	2	2	-	-	-	-	-	-	2	100.00%	
108. F.S.T. Text (Tech.)	1	-	1	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	00.00%	
109 S.S.T. Text. (Engg.)	26	-	14	12	26	3	4	4	4	2	13	3	3	5	4	-	12	25	96.15%	
110. S.S.T. Text. (Tech.)	34	-	26	8	34	10	8	6	6	1	25	5	5	2	1	-	8	33	97.05%	
111. F.S.B. Text. (Engg.)	1	-	1	-	1	-	-	-	-	-	-	-	-	-	-	1	1	1	100.00%	
112. F.S.B. Text. (Tech.)	1	-	-	1	1	-	-	-	-	-	-	-	-	-	-	-	5	21	95.45%	
113. S.S.B. Text. (Engg.)	22	-	17	5	22	2	8	6	6	-	16	2	2	2	1	-	8	31	100.00%	
114. S.S.B. Text. (Tech.)	31	-	23	8	31	9	11	3	3	3	10	-	-	2	1	-	1	1	11.11%	
115. F.S.F.Y.D.T.T.	9	-	8	1	9	-	-	-	-	-	-	-	-	-	-	1	1	4	12	60.00%
116. S.S.F.Y.D.T.T.	21	-	17	4	21	4	21	-	2	4	2	8	-	1	2	1	4	12	60.00%	
117. F.S.F.Y.D.T.C.	16	-	14	2	16	-	-	-	-	6	6	-	-	-	-	-	2	11	45.83%	
118. S.S.F.Y.D.T.C.	24	-	20	4	24	-	-	-	3	6	9	-	-	-	-	2	2	9	81.81%	
119. F.S.S.Y.D.T.T.	12	1	11	1	12	-	-	-	-	9	9	-	-	-	-	-	3	13	56.52%	
120. S.S.S.Y.D.T.T.	24	1	20	4	24	-	-	4	4	3	10	-	-	-	2	1	3	2	100.00%	
121. F.S.S.Y.D.T.C.	3	1	3	-	3	-	3	-	-	2	2	-	-	-	-	-	-	8	66.66%	
122. S.S.S.Y.D.T.C.	13	1	13	-	13	-	13	-	-	7	1	8	-	-	-	-	4	22	100.00%	
123. S.S.T.Y.D.T.T. (Final)	22	-	18	4	22	4	22	-	8	9	1	18	-	-	3	1	4	19	86.36%	
124. F.S.T.Y.D.T.C. (Final)	2	1	2	-	2	-	2	-	-	1	1	-	-	-	-	-	-	-	00.00%	
125. S.S.T.Y.D.T.C. (Final)	22	-	18	4	22	4	22	-	5	9	1	15	-	-	4	-	4	19	86.36%	
126. F.S.F.Y. B.Sc. (Tech.) Text-Chem.	3	-	3	-	3	-	3	-	-	3	3	-	-	-	-	-	-	3	100.00%	
127. S.S.S.Y. B.Sc. (Tech.) Text.-Chem.	11	-	11	-	11	-	11	-	3	5	3	3	-	-	-	-	-	11	100.00%	
128. F.S.S.Y. B.Sc. (Tech.) Text.-Chem.	2	-	2	-	2	-	2	-	-	2	2	-	-	-	-	-	-	2	100.00%	
129. S.S.S.Y. B.Sc. (Tech.) Text.-Chem.	15	-	15	-	15	-	15	-	2	9	2	13	-	-	-	-	-	13	86.66%	
130. S.S.T.Y. B.Sc. (Tech.) Text.-Chem.	10	-	10	-	10	-	10	2	6	1	9	-	-	-	-	-	-	9	90.00%	
131. F.S.Final B.Sc. D.T.C.	2	2	2	-	2	-	2	-	-	-	-	-	-	-	-	-	-	-	00.00%	
132. S.S. Final B.Sc. D.T.C.	9	1	8	1	9	1	9	-	-	2	3	-	-	1	-	-	1	4	50.00%	
133. F.S.P.G. Dip. Comp. App.	8	-	7	1	8	-	8	-	7	4	6	-	-	1	-	-	-	6	75.00%	
134. S.S.P.G. Dip. Comp. App.	27	-	20	7	27	2	27	2	7	4	7	20	4	1	1	1	7	27	100.00%	
135. F.S.P.G. Dip. Env. Sci.	3	1	1	2	3	3	3	-	-	1	1	1	-	-	-	1	1	2	100.00%	
136. S.S.P.G. Dip. Env. Sci.	14	-	3	11	14	-	14	-	2	-	3	-	-	4	6	1	11	14	100.00%	
137. F.S.M.C.A. I	2	-	1	1	2	-	2	-	-	1	1	-	-	-	-	-	1	2	100.00%	
138. S.S.M.C.A. I	32	-	29	3	32	2	32	2	14	8	24	-	-	3	-	-	3	27	84.37%	
139 F.S. M.C.A. II	2	-	2	-	2	-	2	-	-	2	2	-	-	-	-	-	-	2	100.00%	
140. S.S.M.C.A. II	29	-	21	8	29	4	29	4	14	1	20	2	2	4	2	-	8	28	96.55%	

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
141. F.S.M.C.A. III	1	-	1	-	1	-	1	-	-	-	-	-	-	-	-	-	-	-	-
142. S.S.M.C.A. III	31	-	31	-	22	9	31	2	14	2	4	22	2	5	1	1	9	31	100.00%
143. I Sem. M.Sc. (App. Maths.)	9	-	9	-	3	6	9	-	-	-	3	3	-	-	-	3	3	6	66.66%
144. II Sem. M.Sc. (App. Maths.)	33	1	33	1	12	21	33	-	-	-	11	11	-	-	-	17	17	28	87.50%
145. IV Sem. M.Sc. (App. Maths.)	13	-	13	-	3	10	13	-	-	2	1	3	2	3	1	1	7	10	76.92%
146. I Sem. M.Sc. (App. Chem.)	3	-	3	-	1	2	3	-	-	-	1	1	-	-	-	2	2	3	100.00%
147. II Sem. M.Sc. (App. Chem.)	33	-	33	-	25	8	33	-	-	-	23	23	-	-	-	8	8	31	93.93%
148. III Sem. M.Sc. (App. Chem.)	1	-	1	-	-	1	1	-	-	-	-	-	-	-	-	1	1	1	100.00%
149. IV Sem. M.Sc. (App. Chem.)	28	-	28	-	20	8	28	1	15	4	-	-	2	5	1	-	8	28	100.00%
150. II Sem. M.Sc. (App. Physics)	12	-	12	-	10	2	12	-	-	10	10	10	-	2	2	2	2	12	100.00%
151. IV Sem. M.Sc. (App. Physics)	13	-	13	-	10	3	13	-	5	4	1	10	-	3	-	-	3	13	100.00%
152. M.E. Part-I (C.M.E. Chem., Met)	5	1	5	1	3	2	5	-	-	-	2	2	-	-	-	-	-	2	50.00%
153. M. Pharm - I	1	-	1	-	1	-	1	-	-	-	1	1	-	-	-	-	-	1	100.00%
154. M. Pharm - II	19	-	19	-	13	6	19	-	-	-	13	13	-	-	-	6	6	19	100.00%
155. M. Pharm - III	1	-	1	-	-	1	1	-	-	-	-	-	-	1	-	-	1	1	100.00%
156. M. Text (Engg.) Part-II	9	-	9	-	8	1	9	-	-	-	8	8	-	-	-	1	1	9	100.00%
<b>FACULTY OF LAW</b>																			
157. I LL.B.(General)	254	70	181	70	181	73	254	-	1	29	22	52	-	-	19	3	22	74	40.43%
158. II LL.B.(General)	147	18	103	44	147	44	147	-	-	33	4	37	-	-	25	2	27	64	49.61%
159. L.L.B. (Special)	62	11	44	18	62	18	62	-	-	24	-	24	-	-	8	2	10	34	66.66%
160. Dip. in Labour Laws & Practice	104	32	78	26	104	1	104	1	-	-	16	17	-	-	10	10	27	38.02%	
161. Dip. in Taxation Laws & Practice	120	29	81	39	120	-	120	-	-	-	35	35	-	-	9	9	44	48.35%	
162. L.L.M. (Part-I)	18	8	13	5	18	-	18	-	-	1	-	1	-	-	3	-	3	4	40.00%
163. L.L.M. (Part-II)	3	-	3	-	3	-	3	-	-	3	-	3	-	-	-	-	-	3	100.00%
<b>FACULTY OF FINE ARTS</b>																			
164. B.A. (Fine)	52	-	27	25	27	25	52	2	13	12	-	27	1	10	13	-	24	51	98.07%
165. M.A. (Fine)	42	3	29	13	42	2	42	2	12	12	-	26	1	7	4	1	13	39	100.00%
166. Post Dip. in Fine Arts	12	-	11	1	12	1	12	1	8	1	1	11	-	1	-	-	1	12	100.00%
167. Dip. in Fine Arts	10	-	9	1	10	1	10	-	4	5	-	9	-	-	1	1	1	10	100.00%
<b>FACULTY OF HOME SCIENCE</b>																			
168. B.Sc. (Home)	222	13	-	209	222	-	222	-	-	-	-	-	-	-	-	209	209	209	100.00%
169. M.Sc. (Home)	42	2	-	40	42	-	42	-	-	-	-	-	-	-	-	40	40	40	100.00%
170. P.G. Dip. in Early Childhood Care & Edu.	20	-	-	20	20	-	20	-	-	-	-	-	-	-	-	20	20	20	100.00%
171. P.G. Dip. in Education & Even.	10	-	-	10	10	-	10	-	-	-	-	-	-	-	-	10	10	10	100.00%
172. U.G. Certificate Course in Early Childhood Care & Edu.	17	1	-	16	17	-	17	-	-	-	-	-	-	-	-	16	16	16	100.00%
173. M.S.W.	39	-	14	25	39	-	39	-	-	-	14	14	-	-	-	25	25	39	100.00%

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	
174. P.G. Dip. in Industrial Relation & Personnel Mgmt.	16		16	2	10	4	16	-	-	-	10	10	-	-	-	4	4	14	100.00%	
<b>FACULTY OF PERFORMING ARTS</b>																				
175. B.P.A.	41		41	-	23	18	41	2	11	7	1	21	1	7	6	3	17	38	92.68%	
176. M.P.A.	20		20	-	11	9	20	-	8	-	1	9	-	8	1	-	9	18	90.00%	
177. Dip. in Performing Arts	46		46	1	24	22	46	1	11	6	4	22	1	11	5	4	21	43	95.55%	
178. Post Dip. in Natuvangam/ Mrudangam	1		1	-	-	1	1	-	-	-	-	-	1	-	-	-	-	1	100.00%	
<b>FACULTY OF MANAGEMENT STUDIES</b>																				
179. M.B.A.	33		33	-	31	2	33	-	-	-	31	31	-	-	-	2	2	33	100.00%	
<b>FACULTY OF JOURNALISM OF COMMUNICATION</b>																				
180. Master of Communication Studies	16		16	1	2	14	16	-	1	1	-	2	1	7	5	-	13	15	100.00%	
<b>POLYTECHNIC</b>																				
181. F.S.F.Y. Dip. CME (SSC)	217		217	9	169	48	217	-	-	-	69	69	-	-	-	24	24	93	44.71%	
182. F.S.F.Y. Dip. CME (HSC)	62		62	6	61	1	62	-	-	-	33	33	-	-	-	1	1	34	60.71%	
183. S.S.F.Y. Dip. CME (SSC)	494		494	10	393	101	494	-	50	80	40	170	-	11	11	19	41	211	43.59%	
184. S.S.F.Y. Dip. CME (HSC)	214		214	2	208	6	214	-	-	-	119	119	-	-	-	6	6	125	58.96%	
185. F.S.S.Y. Dip. CME (SSC)	125		125	12	104	21	125	-	-	-	48	48	-	-	-	16	16	64	56.63%	
186. F.S.S.Y. Dip. CME (HSC)	68		68	3	68	-	68	-	-	-	29	29	-	-	-	-	-	29	44.61%	
187. S.S.S.Y. Dip. CME (SSC)	364		364	8	284	80	364	-	79	65	50	194	-	14	36	18	68	262	73.59%	
188. S.S.S.Y. Dip. CME (HSC)	238		238	5	230	8	238	-	68	60	36	164	-	2	4	1	7	171	73.39%	
189. F.S.T.Y. Dip. Civil. (SSC)	14		14	4	7	7	14	-	-	-	-	-	-	-	-	3	3	3	30.00%	
190. F.S.T.Y. Dip. Mech (SSC)	14		14	4	13	1	14	-	-	-	2	2	-	-	-	1	1	3	30.00%	
191. F.S.T.Y. Dip. Elect (SSC)	15		15	5	12	3	15	-	-	-	9	9	-	-	-	-	-	9	90.00%	
192. F.S.T.Y. Dip. Civil (HSC)	13		13	3	12	1	13	-	-	-	4	4	-	-	-	-	-	4	40.00%	
193. F.S.T.Y. Dip. Mech (HSC)	6		6	2	6	-	6	-	-	-	2	2	-	-	-	-	-	2	50.00%	
194. F.S.T.Y. Dip. Elect. (HSC)	6		6	3	6	-	6	-	-	-	1	1	-	-	-	-	-	1	33.33%	
195. S.S.T.Y. Dip. Civil (SSC)	73		73	3	57	16	73	-	27	13	5	45	-	4	3	2	9	54	77.14%	
196. S.S.T.Y. Dip. Mech (SSC)	132		132	2	126	6	132	-	77	27	8	112	-	2	1	1	4	116	89.23%	
197. S.S.T.Y. Dip. Elect (SSC)	97		97	8	53	44	97	-	33	10	-	43	-	27	12	2	41	84	94.38%	
198. S.S.T.Y. Dip. Civil (HSC)	44		44	2	43	1	44	-	11	15	10	36	-	-	-	-	-	36	85.71%	
199. S.S.T.Y. Dip. Mech (HSC)	71		71	1	68	3	71	-	44	17	-	61	-	1	2	-	3	64	92.75%	
200. S.S.T.Y. Dip. Elect (HSC)	68		68	2	61	7	68	-	39	15	4	58	-	4	2	-	6	64	96.96%	
201. F.S.F.Y. Dip. (PCT)	11		11	2	10	1	11	-	-	-	5	5	-	-	-	1	1	6	66.66%	
202. S.S.F.Y. Dip. (PCT)	65		65	-	58	7	65	-	18	16	3	37	-	3	2	1	6	43	67.18%	
203. F.S.S.Y. Dip. (PCT)	13		13	2	11	2	13	-	-	-	6	6	-	-	-	1	1	7	63.63%	
204. S.S.S.Y. Dip. (PCT)	77		77	12	64	13	77	-	14	22	3	39	-	6	2	1	9	48	73.84%	
205. F.S.T.Y. Dip. (PCT)	10		10	3	9	1	10	-	-	-	3	3	-	-	-	1	1	4	57.14%	
206. S.S.T.Y. Dip. (PCT)	62		62	1	55	7	62	-	34	12	3	49	-	4	3	-	7	56	91.80%	



# XIII

## Results of the University Examinations for the Second-Half of 1999-2000

Sr. No.	Examination	Number Appeared				Number Passed												Grand Total	Percentage of Passes						
		No. Regd.	Absent	Men		Women		Men		Women		Men		Women		Total	Pass Class			II Class	I Class	Dist	I Class	II Class	Total
				Men	Women	Total	I Class	II Class	Total	I Class	II Class	Total	I Class	II Class											
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19							
<b>FACULTY OF ARTS</b>																									
01.	I Year B.A.	706	124	342	364	706	-	-	1	55	56	-	-	-	101	101	157	27.06%							
02.	II Year B.A.	370	93	206	164	370	-	-	-	56	56	-	-	-	57	57	113	41.23%							
03.	III Year B.A.	120	34	71	49	120	-	-	1	20	21	-	-	2	18	20	41	48.23%							
04.	M.A. (Pre)	90	19	47	43	90	-	-	-	17	17	-	-	-	19	19	36	52.17%							
05.	M.A. (Final)	39	8	24	15	39	-	-	7	8	15	-	-	2	8	10	25	80.64%							
06.	I Year Visharad	1	1	1	-	1	-	-	-	-	-	-	-	-	-	-	-	00.00%							
07.	II Year Visharad	1	-	1	-	1	-	-	-	1	1	-	-	-	-	-	-	100.00%							
08.	I Year Shastri	1	-	1	-	1	-	-	-	1	1	-	-	-	-	-	-	100.00%							
09.	II Year Shastri	1	-	1	-	1	-	-	-	1	1	-	-	-	-	-	-	100.00%							
<b>FACULTY OF SCIENCE</b>																									
10.	I Year B.Sc.	712	42	344	368	712	-	2	7	127	136	-	-	12	179	191	327	48.87%							
11.	II Year B.Sc.	293	49	163	130	293	-	-	-	84	84	-	-	-	75	75	159	65.16%							
12.	III Year B.Sc.	130	35	90	40	130	-	-	8	31	39	-	1	7	16	24	63	67.74%							
13.	M.Sc. (Pre.)	99	20	52	47	99	-	-	-	18	18	-	-	-	22	22	40	50.63%							
14.	M.Sc. (Final)	13	2	8	5	13	-	-	1	2	3	-	-	-	1	1	4	36.36%							
<b>FACULTY OF HOME SCIENCE</b>																									
15.	B.Sc.(Home)	9	-	-	9	9	-	-	-	-	-	-	-	-	8	8	8	88.80%							
16.	M.Sc.(Home)	5	-	-	5	5	-	-	-	-	-	-	-	-	5	5	5	100.00%							
<b>FACULTY OF COMMERCE</b>																									
17.	I Year B. Com.	3354	308	2154	1200	3354	-	-	2	629	631	-	-	-	413	413	1044	34.39%							
18.	II Year B. Com.	2401	318	1443	958	2401	-	-	-	465	465	-	-	-	303	393	858	41.40%							
19.	III Year B. Com.	1225	207	764	461	1225	-	-	-	263	263	-	3	1	184	188	451	44.52%							
20.	M. Com. (Pre.)	474	134	266	208	474	-	-	-	86	86	-	-	-	75	75	161	47.77%							
21.	M.Com. (Final)	160	39	77	83	160	-	3	9	9	21	-	4	13	19	36	57	47.50%							
22.	P.G. Dip. in Banking	17	5	7	10	17	-	-	-	1	1	-	-	2	1	3	4	33.33%							
23.	F.S. P.G. Dip. Bysiness .Mgt.	31	-	25	6	31	-	-	-	21	21	-	-	-	5	5	26	83.87%							

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19

FACULTY OF MANAGEMENT STUDIES

24.	M.B.A. (Evening)	23	-	22	1	23	-	-	-	22	22	-	-	-	1	1	23	100.00%	
FACULTY OF MEDICINE																			
25.	First M.B.B.S.	183	-	121	62	183	-	-	-	82	82	-	-	-	55	55	137	74.86%	
26.	Second M.B.B.S.	205	3	150	55	205	-	-	-	118	118	-	-	-	49	49	167	82.67%	
27.	Final M.B.B.S.	165	2	107	58	165	-	-	-	57	57	-	-	-	43	43	100	61.34%	
28.	M.D.	31	-	16	15	31	-	-	-	10	10	-	-	-	15	15	25	80.64%	
29.	M.S.	14	-	10	4	14	-	-	-	-	-	-	-	-	6	3	9	64.28%	
30.	M.Sc. Medical (Part I)	9	-	-	9	9	-	-	-	-	-	-	-	-	5	5	5	62.50%	
31.	M.Sc. Medical (Part II)	12	1	3	9	12	-	-	-	2	2	-	-	-	9	9	11	100.00%	
32.	D.O.	2	-	-	2	2	-	-	-	-	-	-	-	-	2	2	2	100.00%	
33.	D.A.	5	-	2	3	5	-	-	-	2	2	-	-	-	3	3	5	100.00%	
34.	D.L. & O.	1	-	-	1	1	-	-	-	-	-	-	-	-	1	1	-	00.00%	
35.	D.M.R.D. (Part I)	1	-	-	1	1	-	-	-	-	-	-	-	-	1	1	1	100.00%	
36.	D.M.R.D. (Part II)	2	-	2	-	2	-	-	-	1	1	-	-	-	-	-	1	50.00%	
37.	D.C.H.	1	-	1	-	1	-	-	-	1	1	-	-	-	-	-	1	100.00%	
38.	D.V. & D.	1	-	-	1	1	-	-	-	-	-	-	-	-	-	-	1	100.00%	
39.	D.C.P.	5	-	2	3	5	-	-	-	2	2	-	-	-	3	3	5	100.00%	
40.	I Year B. Physiotherapy	5	-	2	3	5	-	-	-	2	2	-	-	-	3	3	5	100.00%	
41.	II Year B. Physiotherapy	6	-	2	4	6	-	-	-	-	-	-	-	-	3	3	3	50.00%	
42.	III Year B. Physiotherapy	5	-	-	5	5	-	-	-	-	-	-	-	-	5	5	5	100.00%	

FACULTY OF TECHNOLOGY AND ENGINEERING

43.	F.S.B.E.I. (CME, Chem, Met, Electro, I.E, Comp. Sci., IWM)	515	5	384	131	515	-	-	-	230	230	-	-	-	85	85	315	61.76%
44.	S.S.B.E.I. (CME, Chem, Met, Electro, Comp. Sci., I.E, IWM)	193	4	162	31	193	1	-	-	77	78	-	-	-	19	19	97	51.32%
45.	F.S.B.E.II (CME, Chem, Met, Electro, Comp. Sci., I.E, IWM)	500	9	400	100	500	-	-	-	237	237	-	-	-	72	72	309	63.19%
46.	S.S.B.E. II (CME, Chem, Met, Electro, Comp. Sci., I.E, IWM)	128	1	107	21	128	-	-	-	55	55	-	-	-	10	10	65	52.00%
47.	F.S.B.E. III (CME, Chem Met, Electro, Comp. Sci., I.E, IWM)	514	7	411	103	514	-	-	-	341	341	-	-	-	90	90	431	85.00%
48.	S.S.B.E. III (CME, Chem, Met, Electro, Comp. Sci., I.E, IWM)	88	8	74	14	88	-	-	-	39	39	-	-	-	9	9	48	60.00%
49.	F.S.B.E. IV (CME, Chem Met, Electro, Comp. Sci., I.E, IWM)	515	3	384	131	515	-	-	-	352	352	-	-	-	123	123	475	92.77%
50.	S.S.B.E. IV (CME, Chem Met, Electro, Comp. Sci., I.E, IWM)	11	1	9	2	11	-	-	-	4	2	6	-	-	1	1	7	70.00%
51.	F.S. Pre. Electronics Engg.	29	1	26	3	29	-	-	-	15	15	-	-	-	2	2	17	60.71
52.	S.S. Pre. Electronics Engg.	8	-	7	1	8	-	-	-	6	6	-	-	-	1	1	7	87.50%
53.	F.S. Final B.E. (CME) PTD	13	-	11	2	13	-	-	-	4	4	-	-	-	-	-	4	30.76%

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
54. S.S. Final B.E. (CME) PTD	26	1	24	2	26	2	26	-	-	3	7	10	-	-	-	-	-	10	40.00%
55. S.S. Post B.Sc. (Electro) B.E. II	2	-	1	1	2	1	2	-	-	-	1	1	-	-	-	1	1	2	100.00%
56. F.S. Post B.Sc. (Electro) B.E. III	1	-	-	1	1	1	1	-	-	-	-	-	-	-	-	1	1	1	100.00%
57. S.S. Post B.Sc. (Electro) B.E. III	1	-	1	-	1	-	1	-	-	1	-	-	-	-	-	-	-	-	100.00%
58. F.S. B.E. III (Electro.) Post B.Sc.	1	-	1	-	1	-	1	-	-	1	-	-	-	-	-	-	-	-	100.00%
59. F.S. B. Arch I	48	1	32	16	48	16	48	-	-	-	8	8	-	-	4	4	4	12	25.53%
60. S.S. B. Arch I	13	-	12	1	13	1	13	-	-	-	9	9	-	-	1	1	1	10	76.92%
61. F.S. B. Arch II	33	-	16	17	33	17	33	-	-	-	7	7	-	-	8	8	8	15	45.45%
62. S.S. B. Arch II	23	1	16	7	23	7	23	-	-	-	13	13	-	-	7	7	7	20	90.90%
63. F.S. B. Arch III	38	1	20	18	38	18	38	-	-	-	11	11	-	-	115	15	15	26	70.27%
64. S.S. B. Arch III	18	-	10	8	18	8	18	-	-	-	9	9	-	-	5	5	5	14	77.77%
65. F.S. B. Arch IV	39	-	25	14	39	14	39	-	-	-	25	25	-	-	14	14	14	39	100.00%
66. S.S. B. Arch IV	12	-	10	2	12	2	12	-	-	-	7	7	-	-	2	2	2	9	75.00%
67. F.S. B. Arch V	42	-	26	16	42	16	42	-	-	-	15	15	-	-	11	11	11	26	61.90%
68. S.S. B. Arch V	2	-	2	-	2	-	2	-	-	-	2	2	-	-	-	-	-	2	100.00%
69. F.S. B. Pharm I	44	1	18	26	44	26	44	-	-	-	9	9	-	-	22	22	22	31	72.09%
70. S.S. B. Pharm I	23	-	13	10	23	10	23	-	-	-	7	7	-	-	7	7	7	14	82.35%
71. F.S. B. Pharm II	41	-	17	24	41	24	41	-	-	-	7	7	-	-	19	19	19	26	63.41%
72. S.S. B. Pharm II	1	-	1	-	1	-	1	-	-	-	-	-	-	-	-	-	-	-	00.00%
73. F.S. B. Pharm III	37	1	14	23	37	23	37	-	-	-	10	10	-	-	19	19	19	29	80.55%
74. S.S. B. Pharm III	5	-	3	2	5	2	5	-	-	-	3	3	-	-	2	2	2	5	100.00%
75. F.S. B. Pharm IV	39	-	22	17	39	17	39	-	-	-	15	15	-	-	16	16	16	31	79.48%
76. S.S. B. Pharm - IV	2	-	1	1	2	1	2	-	-	-	-	-	-	-	-	-	-	-	00.00%
77. F.S. F. Text (Engg.)	32	1	25	7	32	7	32	-	-	-	12	12	-	-	4	4	4	16	51.61%
78. F.S. T. Text. (Tech.)	33	1	18	15	33	15	33	-	-	-	7	7	-	-	10	10	10	17	53.12%
79. S.S. F. Text. (Engg.)	5	1	5	-	5	-	5	-	-	-	1	1	-	-	-	-	-	1	50.00%
80. S.S. F. Text. (Tech.)	4	1	3	1	4	1	4	-	-	-	-	-	-	-	-	-	-	1	00.00%
81. F.S. S. Text. (Engg.)	31	-	25	6	31	6	31	-	-	-	16	16	-	-	4	4	4	20	64.51%
82. F.S. S. Text. (Tech.)	31	-	24	7	31	7	31	-	-	-	18	18	-	-	6	6	6	24	77.41%
83. S.S. S. Text. (Engg.)	4	-	4	-	4	-	4	-	-	-	-	-	-	-	-	-	-	-	00.00%
84. S.S. S. Text. (Tech.)	2	-	2	-	2	-	2	-	-	-	1	1	-	-	-	-	-	1	50.00%
85. F.S. T. Text (Engg.)	26	-	22	4	26	4	26	-	-	-	21	21	-	-	4	4	4	25	96.15%
86. F.S. T. Text (Tech.)	27	-	20	7	27	7	27	-	-	-	19	19	-	-	7	7	7	26	96.29%
87. S.S. T. Text. (Engg.)	1	1	1	-	1	-	1	-	-	-	-	-	-	-	-	-	-	0	00.00%
88. F.S. B. Text. (Engg.)	27	1	16	11	27	11	27	-	-	-	15	15	-	-	11	11	11	26	100.00%
89. F.S. B. Text. (Tech.)	34	-	27	7	34	7	34	-	-	-	26	26	-	-	7	7	7	33	97.05%
90. S.S. B. Text. (Engg.)	1	-	1	-	1	-	1	-	-	-	1	1	-	-	-	-	-	1	100.00%
91. F.S. F.Y.D.T.T.	26	1	19	7	26	7	26	-	-	-	8	8	-	-	3	3	3	11	44.00%
92. S.S. F.Y.D.T.T.	6	1	5	1	6	1	6	-	-	-	1	1	-	-	-	-	-	1	20.00%
93. F.S. F.Y.D.T.C.	23	1	19	4	23	4	23	-	-	-	6	6	-	-	3	3	3	9	40.90%
94. S.S. F.Y.D.T.C.	10	2	6	4	10	4	10	-	-	-	1	1	-	-	2	2	2	3	37.50%
95. F.S. S.Y.D.T.T.	14	1	9	5	14	5	14	-	-	-	7	7	-	-	3	3	3	10	76.92%
96. S.S. S.Y.D.T.T.	11	1	10	1	11	1	11	-	-	-	4	4	-	-	-	-	-	4	40.00%

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
97. F.S.S.Y.D.T.C.	13	-	13	1	12	1	13	-	-	-	9	9	-	-	-	1	1	10	76.92%
98. S.S.S.Y.D.T.C.	4	-	4	-	4	-	4	-	-	-	1	1	-	-	-	-	-	1	25.00%
99. F.S.T.Y.D.T.T. (Final)	18	-	18	-	15	3	18	-	-	-	13	13	-	-	-	3	3	16	88.88%
100. F.S.T.Y.D.T.C. (Final)	12	-	12	-	12	-	12	-	-	-	12	12	-	-	-	-	-	12	100.00%
101. S.S.T.Y.D.T.T. (Final)	1	-	1	-	1	-	1	-	-	-	-	-	-	-	-	-	-	-	00.00%
102. F.S.F.Y.B.Sc. (Tech.) Text.-Chem.	14	1	14	-	14	-	14	-	-	-	11	11	-	-	-	-	-	11	84.61%
103. F.S.S.Y.B.Sc. (Tech.) Text.-Chem.	11	-	11	-	11	-	11	-	-	-	10	10	-	-	-	-	-	10	90.90%
104. S.S.S.Y.B.Sc. (Tech.) Text.-Chem.	1	-	1	-	1	-	1	-	-	-	-	-	-	-	-	-	-	-	00.00%
105. F.S.T.Y.B.Sc. (Tech.) Text.-Chem.	14	-	14	-	14	-	14	-	-	-	14	14	-	-	-	-	-	14	100.00%
106. S.S.T.Y.B.Sc. (Tech.) Text.-Chem.	1	-	1	-	1	-	1	-	-	-	1	1	-	-	-	-	-	1	100.00%
107. F.S.Final B.Sc. D.T.C.	15	-	15	-	15	-	15	-	-	-	8	8	-	-	-	-	-	8	53.33%
108. S.S. Final B.Sc. D.T.C.	2	-	2	-	2	-	2	-	-	-	1	1	-	-	-	-	-	1	50.00%
109. F.S.P.G. Dip. Comp. App.	29	3	16	13	29	-	29	-	-	-	9	9	-	-	-	10	10	19	73.07%
110. S.S.P.G. Dip. Comp. App.	1	1	1	-	1	-	1	-	-	-	-	-	-	-	-	-	-	-	00.00%
111. F.S.P.G. Dip. Env. Sci.	19	-	19	-	6	13	19	-	-	-	5	5	-	-	-	12	12	17	89.47%
112. F.S.P.G. Dip. Geo. Tech.	3	-	3	-	3	-	3	-	-	-	3	3	-	-	-	-	-	3	100.00%
113. F.S.P.G. Dip. Corrosion Tech.	2	1	2	-	2	-	2	-	-	-	-	-	-	-	-	-	-	-	00.00%
114. F.S.M.C.A.I	31	1	20	11	31	-	31	-	-	-	16	16	-	-	-	11	11	27	90.00%
115. S.S.M.C.A.I	4	-	4	-	4	-	4	-	-	-	2	2	-	-	-	-	-	2	50.00%
116. F.S.M.C.A.II	28	-	25	3	28	-	28	-	-	-	25	25	-	-	-	3	3	28	100.00%
117. S.S.M.C.A.II	1	-	1	-	1	-	1	-	-	-	1	1	-	-	-	-	-	1	100.00%
118. F.S.M.C.A.III	28	3	18	10	28	-	28	-	-	-	18	18	-	-	-	10	10	28	100.00%
119. I Sem. M.Sc. (App. Maths.)	28	3	4	24	28	-	28	-	-	-	2	2	-	-	-	15	15	17	68.00%
120. II Sem. M.Sc. (App. Maths.)	3	1	2	1	3	-	3	-	-	-	5	5	-	-	-	17	17	22	81.48%
121. III Sem. M.Sc. (App. Maths)	27	-	9	18	27	-	27	-	-	-	-	-	-	-	-	-	-	-	00.00%
122. IV Sem. M.Sc. (App. Maths.)	1	-	-	1	1	-	1	-	-	-	-	-	-	-	-	-	-	-	00.00%
123. I Sem. M.Sc. (App. Chem.)	33	1	21	12	33	-	33	-	-	-	16	16	-	-	-	12	12	28	87.50%
124. II Sem. M.Sc. (App. Chem.)	1	-	1	-	1	-	1	-	-	-	-	-	-	-	-	-	-	-	00.00%
125. III Sem. M.Sc. (App. Chem.)	31	-	24	7	31	-	31	-	-	-	22	22	-	-	-	7	7	29	93.54%
126. I Sem. M.Sc. (App. Physics)	20	-	13	7	20	-	20	-	-	-	7	7	-	-	-	7	7	14	70.00%
127. III Sem. M.Sc. (App. Physics)	12	-	9	3	12	-	12	-	-	-	9	9	-	-	-	3	3	12	100.00%
128. M.E. Part-I (C.M.E. Chem., Met)	121	2	106	15	121	-	121	-	-	-	96	96	-	-	-	15	15	111	93.27%
129. M.E. II (C.M.E. Chem, Met, Poly Tech.)	2	-	2	-	2	-	2	-	-	-	2	2	-	-	-	-	-	2	100.00%
130. M.E. Part III	94	-	83	11	94	-	94	-	28	2	-	60	6	3	-	-	9	69	100.00%
131. M. Pharm - I	18	-	8	10	18	-	18	-	-	-	8	8	-	-	-	10	10	18	100.00%
132. M. Pharm - III	18	1	13	5	18	-	18	-	12	-	-	12	1	3	1	-	5	17	100.00%
133. M. Text (Engg.) Part I	5	1	4	1	5	-	5	-	-	-	3	3	-	-	-	1	1	4	100.00%
134. M. Text (Engg.) Part II	10	-	10	-	10	-	10	-	1	-	-	10	-	-	-	-	-	10	100.00%
135. M. Text (Engg.) Part III	10	-	10	-	10	-	10	-	1	-	-	10	-	-	-	-	-	10	100.00%
136. F.S.M.Sc. (Geo-Tech)																			
137. S.S.M.Sc. (Geo-Tech)																			
138. M.Sc. (Tech.) Text Chem. I																			



1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	
		4	3	4	-	4	-	-	-	-	-	-	-	-	-	-	-	-	00.00%
		2	1	2	-	2	-	-	-	-	-	-	-	-	-	-	-	-	00.00%
		7	1	7	-	7	-	-	-	6	6	-	-	-	-	-	-	6	100.00%

★★★★★

# XIV

## I List of Degrees/Diplomas conferred at the Annual Convocation held on 13.12.1999

Sr.No.	Name of the Degrees/Diplomas	No. of Candidates
1	2	3
01.	Doctor of Philosophy (Arts)	04
02.	Master of Philosophy(Arts)	01
03.	Master of Arts	411
04.	Acharya	08
05.	Master of Library & Information Science	04
06.	Bachelor of Arts	491
07.	Shastri	04
08.	Bachelor of Library & Information Science	17
09.	Doctor of Philosophy (Science)	16
10.	Master of Philosophy (Science)	01
11.	Master of Science	203
12.	Bachelor of Science	522
13.	Diploma in Laboratory Techniques	11
14.	Diploma in Cartography	-
15.	Doctor of Philosophy (Edu. & Psy.)	05
16.	Master of Philosophy (Edu. & Psy)	02
17.	Master of Education	09
18.	Bachelor of Education	150
19.	Professional Diploma in Educational Management	13
20.	Diploma in Clinical & Community Psychology	15
21.	Diploma in Human Resources & Development	38
22.	Doctor of Philosophy(Commerce)	03
23.	Master of Commerce	320
24.	Bachelor of Commerce	2420
25.	P.G. Diploma in Business Management	28
26.	Diploma in Banking	08
27.	Doctor of Philosophy (Medicine)	00
28.	Doctor of Medicine	38
29.	Master of Surgery	18
30.	Magister chirurgie (Plastic Surgery)	02

Sr.No.	Name of the Degrees/Diplomas	No. of Candidates
1	2	3
31.	Master of Science (Medical)	02
32.	Bachelor of Medicine & Bachelor of Surgery	162
33.	Bachelor of Physiotherapy	-
34.	Diploma in Clinical Pathology	04
35.	Diploma in Aneasthesia	06
36.	Diploma in Child Health	02
37.	Diploma in Medical Radio Diagnosis	02
38.	Diploma in Laryngology & Otology	02
39.	Diploma in Venereology & Dermatology	01
40.	Diploma in Tuberculosis and Chest Diseases	03
41.	Diploma in Obstetrics & Gynaecology	02
42.	Diploma in Ophthalmology	02
43.	Diploma in Industrial Health	03
44.	Doctor of Philosophy (Tech. & Engg.)	05
45.	Master of Engineering	21
46.	Master of Textile (Engineering)	-
47.	Master of Computer Application	31
48.	Master of Science (Applied Physics)	13
49.	Master of Science (Applied Chemistry)	29
50.	Master of Science (Applied Mathematics)	12
51.	Master of Science- Tech. (Geotechnology)	00
52.	Master of Science-Tech. (Textile Chemistry)	-
53.	Master of Pharmacy	01
54.	Bachelor of Engineering	539
55.	Bachelor of Textile (Engineering)	21

Sr.No.	Name of the Degrees/Diplomas	No. of Candidates
1	2	3
56.	Bachelor of Textile (Technology)	31
57.	Bachelor of Architecture	28
58.	Bachelor of Pharmacy	25
59.	Bachelor of Science -Tech. (Textile Chemistry)	09
60.	Diploma in Computer Application	27
61.	Diploma in Environmental Science	13
62.	Diploma in Material Testing Technology	-
63.	Doctor of Philosophy ( Law )	01
64.	Master of Laws	03
65.	Bachelor of Laws (Special)	35
66.	Bachelor of Laws (General)	64
67.	Diploma in Taxation Laws	44
68.	Diploma in Labour Laws	27
69.	Doctor of Philosophy (Fine Arts)	03
70.	Master of Arts (Fine)	39
71.	Bachelor of Arts (Fine)	51
72.	Master of Communication Studies	15
73.	Bachelor of Arts (Fine)	60
74..	Doctor of Philosophy (Home Science)	04

Sr.No.	Name of the Degrees/Diplomas	No. of Candidates
1	2	3
75..	Master of Philosophy (Home Science)	-
76.	Master of Science (Home)	40
77.	Bachelor of Science (Home)	209
78.	Diploma in Early Childhood Care & Education	20
79.	Diploma in Home Science Extension & Communication	10
80.	Doctor of Philosophy (Management Studies)	-
81.	Master of Business Administration	33
82.	Master of Social Work	39
83.	Diploma in Industrial Relations & Personnel Management	14
84.	Doctor of Philosophy (Performing Arts)	02
85.	Master of Performing Arts	18
86.	Bachelor of Performing Arts	39

## II List of Degrees/Diplomas Conferred at Supplementary Convocation held on 29.6.99

Sr.No.	Degrees/Diplomas	No. of Candidates
1	2	3
01.	Doctor of Philosophy (Arts)	16
02.	Master of Philosophy(Arts)	11
03.	Master of Arts	20
04.	Acharya	-
05.	Master of Library & Information Science	-
06.	Bachelor of Arts	83
07.	Shastri	-
08.	Bachelor of Library & Information Science	-
09.	Doctor of Philosophy (Science)	15
10.	Master of Philosophy (Science)	01
11.	Master of Science	03
12.	Bachelor of Science	103
13.	Diploma in Laboratory Techniques	-
14.	Diploma in Cartography	-

Sr.No.	Degrees/Diplomas	No. of Candidates
1	2	3
15.	Doctor of Philosophy (Edu. & Psy.)	03
16.	Master of Philosophy (Edu. & Psy)	01
17.	Master of Education	-
18.	Bachelor of Education	05
19.	Professional Diploma in Edu- cational Management	-
20.	Diploma in Clinical & Community Psychology	-
21.	Diploma in Human Resources & Development	-
22.	Doctor of Philosophy(Commerce)	06
23.	Master of Commerce	87
24.	Bachelor of Commerce	449
25.	P.G. Diploma in Business Management	01

Sr.No.	Degrees/Diplomas	No. of Candidates
1	2	3
26.	Diploma in Banking	05
27.	Doctor of Philosophy (Medicine)	-
28.	Doctor of Medicine	23
29.	Master of Surgery	07
30.	Master of Chirurgic (Plastic Surgery)	02
31.	Master of Science (Medical)	06
32.	Bachelor of Medicine & Bachelor of Surgery	34
33.	Bachelor of Physiotherapy	22
34.	Diploma in Clinical Pathology	01
35.	Diploma in Aneasthesia	04
36.	Diploma in Child Health	02
37.	Diploma in Medical Radio Diagnosis	02
38.	Diploma in Laryngology & Otology	-
39.	Diploma in Venergeology & Dermatology	-
40.	Diploma in Tuberculosis and Chest Diseases	-
41.	Diploma in Obstetrics & Gynaecology	01
42.	Diploma in Ophthalmology	01
43.	Diploma in Industrial Health	01
44.	Doctor of Philosophy (Tech. & Engg.)	07
45.	Master of Engineering	61
46.	Master of Textile (Engineering)	06
47.	Master of Computer Application	-
48.	Master of Science (Applied Physics)	01
49.	Master of Science (Applied Chemistry)	-
50.	Master of Science (Applied Mathematics)	-
51.	Master of Science- Tech. (Geotechnology)	02
52.	Master of Science Tech. Textile chemistry	01
53.	Master of Pharmacy	16
54.	Bachelor of Engineering	25

Sr.No.	Degrees/Diplomas	No. of Candidates
1	2	3
55.	Bachelor of Textile (Engineering)	-
56.	Bachelor of Textile (Technology)	-
57.	Bachelor of Architecture	05
58.	Bachelor of Pharmacy	02
59.	Bachelor of Science -Tech. (Textile Chemistry)	-
60.	Diploma in Computer Application	03
61.	Diploma in Environmental Science	01
62.	Diploma in Material Testing Technology	01
63.	Doctor of Philosophy (Law)	-
64.	Master of Laws	-
65.	Bachelor of Laws (Special)	04
66.	Bachelor of Laws (General)	16
67.	Diploma in Taxation Laws	03
68.	Diploma in Labour Laws	06
69.	Doctor of Philosophy (Fine Arts)	01
70.	Master of Arts (Fine)	-
71.	Bachelor of Arts (Fine)	-
72.	Master of Communication Studies	-
73.	Doctor of Philosophy (Home Science)	03
74.	Master of Philosophy (Home Science)	00
75.	Master of Science (Home)	09
76.	Bachelor of Science (Home)	02
77.	Diploma in Early Childhood Care & Education	-
78.	Diploma in Home Science Extension & Communication	-
79.	Doctor of Philosophy (Management Studies)	02
80.	Master of Business Administration	-
81.	Master of Social Work	00
82.	Diploma in Industrial Relations & Personnel Management	-
83.	Doctor of Philosophy (Performing Arts)	03
84.	Master of Performing Arts	-
85.	Bachelor of Performing Arts	-



# XV

## Gold Medals Awarded during the year 1999-2000

Sr.No.	Name of the Gold Medal	To Whom Awarded
<b>FACULTY OF ARTS</b>		
01.	"Rao Bahadur Govindbhai Hathibhai Desai Memorial Gold Medal"	Kum. Aruna V S S Bodicheria
02.	"Shakespeare Society Prof. V.Y. Kantak Gold Medal"	Kum. Ruma Alahan Anand
03.	Shri "Mohanlal Hargovinddas Kantawala Gold Medal"	Shri Gnanesh Bakulchandra Godbole
04.	"Prof. K.S. Desai Gold Medal"	Kum. Varsha Sanjeev Chitnis
05.	"Shri Vakil Nanalal Mohanlal Parikh Mahavastra"	Kum. Nehal Jagdishbhai Pandya
06.	"Hari Om Ashram Sponsored Pujya Shree Rang Avadhut Smarak Trust Fund Gold Medal"	Kum. Nehal Jagdishbhai Pandya
07.	"Prof. K.T.M. Hagde Memorial Gold Medal"	Kum. Anita Narendradeo Upadhyay
08.	"Late Mr. Mohammed Hanif Munshi Memorial Gold Medal"	Kum. Varsha Sanjeev Chitnis
09.	Shri Hiralal Bhagwanji Majmudar Gold Medal"	Kum. Varsha Sanjeev Chitnis
10.	"Shri Janardan C. Mehta Gold Medal"	Kum. Lalita Bikas Mahanti
11.	"Smt. Sushila Rani Sharma Gold" Medal"	Kum. Lalita Bikas Mahanti
12.	"Smt. Kokilaben and Shri Markandray Vinayakray Desai Gold Medal"	Shri Rohitbhai Somabhai Valand
13.	"Prof. Bhogilal J. Sandesara Gold Medal"	Kum. Shwetaben Nipunchandra Dave
<b>FACULTY OF SCIENCE</b>		
14.	"Dr. C.S. Patel Gold Medal"	Shri Pavan Kadandale
15.	"Dr. Mrs. Dharmishtha V. Shah Gold Medal"	Shri Pavan Kadandale
16.	"Dr. V.V. Modi Gold Medal"	Kum. Arpita Mukhopadhyay
17.	"Vaidya Narayanrao Wamanrao Hardikar Gold Medal"	Kum. Bhavisha Bhupendra Wala
18.	"Dr. C.S. Patel Gold Medal"	Shri Sunil Gajanan Shejwalkar
19.	"Prof. S.M. Sethna Memorial Gold Medal"	Kum. Bhagwati Umedsingh Arora
20.	"Dr. V.N. Kulkarni Memorial Gold Medal"	Shri Sunitkumar Biswas
21.	"Shri Ranchhodlal Chhotalal Shah Gold Medal"	Kum. Vimala Mohanbhai Parmar
22.	"Dr. A.N. Kachhy Memorial Gold Medal"	Kum. Rajeshwari E.S.
23.	"Prof. N.M. Bhatt Gold Medal"	Kum. Vidyut Jagadishdatta Latay
24.	"Prof. J.C. George Gold Medal"	Kum. Kinnari Vinodbhai Patel
25.	"Prof. S.K. Shah Gold Medal"	Kum. Kausharbanu Miyamohammed Sanchawala
26.	"Dr. V.G. Pathak Gold Medal"	Kum. Leena Abraham
27.	"Principal Avasare Memorial Gold Medal"	Kum. Priya Pradip Pradhan
28.	"Prof. S.M. Sethna Memorial Gold Medal"	Kum. Priya Pradip Pradhan
29.	"Prof. N.S. Pandya Gold Medal"	Kum. Shoma Biswanath Mukherjee
30.	"Prof. V.M. Shah Gold Medal"	Kum. Vimala Mohanbhai Parmar
31.	"Smt. Shiv Gauri Chandulal Lallubhadarwala Gold Medal"	Kum. Vimala Mohanbhai Parmar
32.	"Prof. K. N. Trivedi Memorial Gold Medal"	Kum. Bhagwati Umedsingh Arora

## FACULTY OF EDUCATION & PSYCHOLOGY

33. "Silver Jubilee Gold Medal"	:	Kum. Rajni Gambhir Mathur
34. "Vaishno Mal Malhotra Endowment Shanti Malhotra Gold Medal"	:	Kum. Rajni Gambhir Mathur
35. "Prof. M.B. Buch Gold Medal"	:	Kum.Saira Dayal Notani
36. "Prof. T.K.N. Menon Gold Medal"	:	Kum. Priya Jayant Joshi
37. "Prof. S.N. Mukherji Gold Medal"	:	Kum.Priya Jayant Joshi
38. "Late Professor T.K.N. Menon Gold Medal"	:	Kum. Trishla Ramsingh Singh
39. "Dr. P.B. Dekhtawala Gold Medal"	:	Smt. Sucheta Vipin Mehta

## FACULTY OF COMMERCE

40. "Prof. V.Y. Kolhatkar Gold Medal"	:	Shri Rajeshkumar M <sup>c</sup> tidhar Shah
41. "Co-operative Bank of Baroda Ltd. Gold Medal"	:	Kum. Dimple Ratankumar Bhuraria
42. "Shri M.M. Chokshi Gold Medal"	:	Kum. Meet Navinchandra Shah
43. "Amita Vishnuprasad Vyas Memorial Gold Medal"	:	Kum. Meet Navinchandra Shah
44. "Prof. V.Y. Kolhatkar Gold Medal"	:	Kum. Meet Navinchandra Shah
45. "Kum. Parul Nanalal Chokshi Gold Medal"	:	Kum. Rashmi Kamalendu Kargupta
46. "Labhuben Mehta Gold Medal"	:	Shri Pema Tenzin Pema Losar
47. Shri Panubhai Hiralal Majmudar Gold Medal"	:	Kum. Meet Navinchandra Shah

## FACULTY OF MEDICINE

48. "Dr. (Smt.) Indumati Thakorbbhai Patel Memorial Gold Medal"	:	Shri Sumit Ramesh Kapadia
49. "Dr. Manilal Lallubhai Parikh Gold Medal"	:	Shri Sumit Ramesh Kapadia
50. "Dr. (Smt.) Indumati Thakorbbhai Patel Memorial Gold Medal"	:	Kum. Heena Hasmmukh Sindhwad
51. "Vijayagauri and Late Vinayakray Vagnik Gold Medal"	:	Shri Gaurang Vasanttrao Kadam
52. "Dr. (Smt.) Krishnabai Patil Gold Medal"	:	Shri Sumit Ramesh Kapadia
53. "Smt. Susmita Patel Memorial Gold Medal"	:	Kum. Chaitali Upendrabhai Patel
54. "Dr. Tapidas Memorial Gold Medal"	:	Shri Amit Mohan Naubatrai Chadha
55. "Medical Examination Board Gold Medal"	:	Shri Devangkumar Jayantilal Gandhi
56. "Dr. Arvinda Nanalal Chokshi Gold Medal"	:	Shri Mukeshkumar Brij Raj Singh
57. "Dr. Narayan S. Desai Gold Medal"	:	Shri Mukeshkumar Brij Raj Singh

## FACULTY OF TECHNOLOGY & ENGINEERING

58. "Dr. S.M. Sen Gold Medal"	:	Kum. Archana Shridhar Iyengar
59. "Shri K.H. Patel Gold Medal"	:	Shri Girish Krishankumar Behal
60. "Sayaji Iron Gold Medal"	:	Shri Chiragkumar Somabhai Patel
61. Visnagar Taluka Majoor Sahakari Mandali Ltd. Gold Medal"	:	Shri Chiragkumar Somabhai Patel
62. "Late Prof. (Dr.) Piyush Parikh Memorial Gold Medal"	:	Shri Girish Krishankumar Behal
63. "Paramount Gold Medal"	:	Shri Anil Kumar Singh
64. "Bihari Chetan Gold Medal"	:	Shri Greeni Gordhanlal Maheshwari
65. "Express Group Gold Medal"	:	Shri Girish Krishankumar Behal
66. "Principal S.B. Junnarkar Gold Medal"	:	Kum. Purvi Rashes Desai
67. "Smt. Radhikaben Himatlal Patel Gold Medal"	:	Kum. Greeni Gordhanlal Maheshwari
68. "Dr. Jyotindra Mehta Gold Medal"	:	Shri Rajan Ashok Bhamerker
69. "Banco Foundation Gold Medal"	:	Shri Hrishit Ramesh Pandit
70. "Prof. D. Subbarao Memorial Gold Medal"	:	Kum. Archana Shridhar Iyengar
71. "Vaishno Mal Malhotra Endowment Radhakrishan Malhotra Gold Medal"	:	Shri Akshay Nareshraj Singh
72. "Professor P.J. Madan Gold Medal"	:	Shri Bhavikkumar Jashbhai Patel
73. "Prof. S.K. Roy Gold Medal"	:	Shri Bhavikkumar Jashbhai Patel

74. "Smt. Neelima Sudhalkar Memorial Gold Medal"	:	ShriBhavikkumar Jashbhai Patel
75. "Shri C.M. Patel Memorial Gold Medal"	:	Shri Dharmesh Hiralal Dalwadi
76. "Ashok Organic Industries Ltd. Gold Medal"	:	Shri Dharmesh Hiralal Dalwadi
77. "Motorol Group Gold Medal"	:	Shri Dharmesh Hiralal Dalwadi
78. "Shri Ramlubhaya Malhotra Memorial Gold Medal"	:	Kum. Girija Raghuvir Marathe
79. "Shri J.N. Patel Memorial Gold Medal"	:	Kum. Girija Raghuvir Marathe
80. "Shri C.L. Shastri Metallurgical Department Silver Jubilee and Kalabhavan Centenary Gold Medal"	:	Shri Gautam Mulchand Ludhani
81. "Principal C.H. Vora Memorial Gold Medal"	:	Kum. Radhika Madhavan
82. "Shri Padmakant Kanaiyalal Charitable Trust Bombay Gold Medal"	:	Kum. Radhika Madhavan
83. "Miss Anupama Malik Memorial Gold Medal"	:	Shri Maulik Chandrakant Gandhi
84. "Shri B.V. Patel Memorial Gold Medal"	:	Kum. Tanvi Dilip Modi
85. "Sheth Chimanlal Girdharlal Gold Medal"	:	Kum. Debarati Bhattacharjee
86. "Dr. S.J. Shah Gold Medal"	:	Kum. Silky Jagdishchandra Kothari
87. "Dr. S.J. Shah Gold Medal"	:	Kum. Debarati Bhattacharjee
88. "Smt. Hansa Mehta Gold Medal"	:	Kum. Archana Shridhar Iyengar
89. "Rupal K. Engineer Memorial Gold Medal"	:	Shri Dhirendra Manubhai Patel
90. "Prof. M.B. Dave Gold Medal"	:	Shri Dhirendra Manubhai Patel
91. "Prof. (Dr.) Padmini Agarwal Gold Medal"	:	Shri Mukesh Bhadreshbhai Chaw
92. "Chetandas Jethanand Karamchandani Gold Medal"	:	Shri Devang Maheshbhai Bhavsar
93. "Anahat Gold Medal"	:	Shri Akshay Nareshraj Singh
94. "Prof. Jatashankar Sadashiva Dave Gold Medal"	:	Kum. Bindu Mathen Mathai
95. "Shri C.M. Patel Memorial Gold Medal"	:	Shri Akshay Nareshraj Singh
96. Dr. J.M. Trivedi Gold Medal"	:	Kum. Bindu Mathen Mathai
97. Late Ishwarlal Patel Gold Medal"	:	Shri Hemang Ravindrabhai Patel
98. Dr. K. S. Shah Gold Medal	:	Shri Rajan Ashok Bhamerkar
99. "Mr. John F Roesel Jr. of Bradenton, Florida, USA Gold Medal"	:	Shri Bhavikkumar Jashbhai Patel

#### FACULTY OF LAW

100. "Vakil Dahyabhai Maganlal Parikh Gold Medal"	:	Shri Viral Subhashchandra Modi
101. "Shri Kulinchandra Sarabhai Majmudar Gold Medal"	:	Shri Viral Subhashchandra Modi
102. "Shri Kanchanlal Hiralal Majmudar Advocate Gold Medal"	:	Shri Himanshu Kantibhai Patel
103. "Justice Chaturbhai N. Patel Memorail Gold Medal"	:	Shri Sarfarazhusain Gulamhusai Amerree
104. "Gunvantrai Girdharrai Majmudar Gold Medal"	:	Shri Hirenkumar Mahendrabbhai Patel

#### FACULTY OF FINE ARTS

105. "C.R. Dasgupta Memorial Gold Medal"	:	Shri Debrai Goswami
106. "Smt. Hansa Mehta Gold Medal"	:	Shri Vijayendra Gurnamsingh Sekhon
107. "Shri Babubhai Jashbhai Patel Diamond Jubilee Gold Medal"	:	Shri Vijayendra Gurnamsingh Sekhon
108. "Late Milind Madhukar Bhade Gold Medal"	:	Kum. Kirti Biharilal Chandak
109. Dr. U. P. Shah Gold Medal"	:	Kum. Nandini Ramendralal Ghosh

#### FACULTY OF HOME SCIENCE

110. "Smt. Ichhagauri Kuverji Naik Gold Medal"	:	Kum. Mitali Avinash Lele
111. "Smt. Jasumati Jayant Nagrecha Gold Medal"	:	Kum. Kinjal Maheshkumar Bhatt
112. "Dr. Leela Shah Memorial Gold Medal"	:	Kum. Anita Hemant Mehta
113. "Priya" Modern Food Products Baroda Gold Medal	:	Kum. Shilpa Arunkumar Jain

114. Smt. Parvatiba Patel Gold Medal" : Kum. Anita Hemant Mehta

**FACULTY OF SOCIAL WORK**

115. "Rao Bahadur Ramlalbai Hiralalbai Desai Memorial Gold Medal" : Kum. Shweta S. K. Pandey

116. "Shri Ramanbhai H. Patel Gold Medal" : Kum. Shweta S. K. Pandey

117. "Shri Nitin Trivedi Gold Medal" : Kum. Shweta S. K. Pandey

**FACULTY OF PERFORMING ARTS**

118. "The Chancellor's Gold Medal" : Shri Devendra Shaligram Ramgonde

119. "Sangeet Martand Shri Omkarnath Gold Medal Municipal Corporation Baroda" : Kum. Paribhasha Valmiki

120. "Smt. Anjali Merh Memorial Gold Medal" : Kum. Smita Avinash Nawathe

121. "Late Smt. Chandrakala Gangani Memorial Gold Medal" : Kum. Seema Avinash Saranjame

122. "Shri Vivek Shinde Gold Medal" : Shri Chirag Ashokkumar Bhatt

123. "Dr. Manganbhai Shivabhai Patel Memorial Gold Medal" : Kum. Smita Avinash Nawathe

124. "Acharya Allauddin Music Circle Gold Medal" : Shri Devendra Shaligram Ramgonde

125. "Sangeet Rasraj Pandit Shivkumar Shukla Gold Medal" : Shri Devendra Shaligram Ramgonde

126. "Shri Jayanti Dalal Memorial Gold Medal." : Shri Vinayak Nilkanthbhai Ketkar

127. "Shri Kalakashi Late Yeshwant Uttekar Gold Medal" : Shri Vinayak Nilkanthbhai Ketkar

128. "Shrimati Urmila Markand Bhatt Memorial Gold Medal:" : Shri Vinayak Nilkanthbhai Ketkar

**FACULTY OF BUSINESS MANAGEMENT**

129. "The Gujarat Alkalies and Chemicals Ltd. Gold Medal" : Shri Partha Gautam Sen Sharma

**SANSKRIT MAHAVIDYALAYA**

130. "Shri Kantibhai Vitthaldas Dalia Memorial Prize Fund (Mahavastra)" : Kum. Karuna Mohandas Melwani

131. "Shri Chandulal Sampatram Acharya Memorial Gold Medal" : Kum. Sonal Chandrakan Shah

132. "Veda Shastra Sampanna Laxminath Badrinath Shastri Memorial Fund Mahavastra" : Kum. Sonal Chandrakanta Shah

133. "Alembic Gold Medal" : Kum. Karuna Mohandas Melwani

**LIBRARY**

134. Late Prof. (Dr.) Labhshanker Mafatlal Padhya Memorial Gold Medal" : Kum. Priya Rajendra Diwanji

**M.C.S.**

135. Mohanlal Mehta Sopan Gold Medal" : Kum. Ciny Mathew

**N.C.C. GROUP**

136. "Brig. Ashok C. Vora Gold Medal" : Shri Mandeep Singh Ghumman



# XVI

## List of Students Awarded Ph.D. Degree during the year 1999-2000

Sr. No.	Name of the Candidate	Subject	Title of the Thesis
<b>FACULTY OF ARTS</b>			
01.	Kum. Sirirat Prapatthony	Archaeology	"The musical instruments based on Archaeological & other related sources from the ancient to medieval period in Indian Context".
02.	Smt. Ambika Bipin Patel	Archaeology	"Iron technology in historic India: A case study of Gujarat".
03.	Kum. Kiran Vijaydhar Dimri	Archaeology	"Chalcolithic settlements in Bhagavo and sukh bhadar valley".
04.	Shri Abhijit Bimalchandra Majmudar	Archaeology	"A ceramic study of the harappan buria's from North Gujarat".
05.	Shri Hussein Ahmed A. Alghazy	Economics	"A critical study of labour market in Jorden with reference to the nature & extent of the Unemployment problem"
06.	Kum. Jenny surendra Rathod	English.	"History & Historiography of the Indian English Novel".
07.	Smt. Aarti Rajeev Majmudar	English	"Study of revision strategies in an ESL context"
08.	Kum. Nancy George	English	The use of History in the contemporary Indian English Novel".
09.	Shri Saeed Salah Abdel Muhdi	English	"A study of the attitudes & motivation of Arab students in the Indian Universities and their learning strategies in English".
10.	Shri Santoshkumar Dash	English	"English education and the question of Indian Nationalism".
11.	Shri Vivek K.Katara	Geography	"Environmental impacts of coal mining and thermal power projects. A case study of Singaraum Coal, region, Madhya Pradesh".
12.	Shri Mohammed Azhar Dehriwala	Hindi	"Adhunik Hindi Upanyaso me nari ke vividh rupon ka chitran 1960-95".
13.	Smt. Sushma Jayesh Sharma	Hindi	Shailesh Matiyani ke Kahaniyo mein nari ke vividh rupo ka chitran"
14.	Kum. Hareshwariben Vasantrai Dave	Hindi	"Manas mein nihit bhakti evam darshan ka anushilin"
15.	Kum. Shama Mahmood Alam	History	"Suba Gujarat under Aurangzeb".
16.	Smt. Tanuja Nimeshkumar Gandhi	Political Science	"Distribution of urban services in Baroda slums A study of Politico-administrative aspects"
17.	Shri Bijoy Krishna Banik	Sanskrit	"Mainamati sanskrit incriptional and archaeological studies".
18.	Shri Karimulla Mohamedyasin Ansari	Urdu	"Moulana Abdul Kalam Azad Hayat-wa nazariyat"

## FACULTY OF SCIENCE

19. Kum. Gira Navinbhai Raval	Bio-Chem.	Biochemical markers in patient with malignant solid tumours.
20. Shri Kunjan Rameshchandra Dave	Bio-Chemistry	Biochemical investigations on cardiovascular functions in diabetes.
21. Shri V Ramesh Kannan	Botany	Tissue culture studies with trees clonal multification
22. Shri A.C.M. Koti Babu	Botany	Histological and Histochemical Ultrastructural studies on mango malformation.
23. Smt. Rekha Dhruvasingh Chauhan	Botany	Histo-pathological studies in mango-(mangifera Indica) affected by certain fungi.
24. Shri Remakanthan A.	Botany	Tissue culture studies with fruit spices/
25. Shri Sureshan C.A.	Chemistry	"Synthesis & homogeneous catalytic activity study of schiffbase, mannichbase and amide complexes of transition metalions"
26. Kum. Beena Shyamsingh Rawat	Chemistry	"Synthesis and characterisation of conducting polymers"
27. Kum. Shireen B. Sultana	Chemistry	Solution properties of Ionic and Nonionic surfactant mixtures.
28. Kum. Anuradha rangaraj	Chemistry	Studies of interaction of water soluble polymers with differed surfactans.
29. Shri Mahesh Kishorchandra Dalal	Chemistry	Some studies on polymer supported transition metal complex catalysts.
30. Shri Ambarishkumar Laxmanbhai Joshi	Chemistry	Properties of microemulsion in presence of various polymers.
31. Shri Ujval Hemantkumar Vaishnav	Chemistry	Studies on the structure property relationship of hydrogels for their applications in Agronomy.
32. Kum. Beena Kukul Pandit	Chemistry	Studies on some acid salts of tetravalent metals and their organic derivatives
33. Kum. Devki Bipinbhai Desai	Chemistry	Studies in coumarins
34. Shri Ramkinkar Raghuendranath Mishra	Geography	Dynamics of general and crop landuse-A selected study of two talukas of Baroda Dist.
35. Shri Ratnadeep Prakash Bane	Geography	Arand-A case study of a city in the making
36. Shri Manish Atmaprakash Mamtani	Geology	Deformational mechanised of the Lunawada precambrian rocks, Panchmahal District, Gujarat
37. Shri George Mathew	Geology	Mineralogical studies on the Gem Varieties of beryl from Orissa, India.
38. Shri Aniruddha Surendra Khadkikar	Geology	Sedimentation calcrete cycle in the late quaternary deposits of mainland Gujarat, Western India.
39. Shri Zinalal Gemabhai Ghevariya	Geology	K/T Boundary in Kutch Western India: Implications of its rocks record on extinction of dinosure and other fossil forms.
40. Shri Ratankumar Mohapatra	Geology	Study of the abundance and isotopic composition of nitrogen in earth's mantle.

41. Shri Sunilkumar Singh	Geology	Isotopic & geochemical studies of the lesser himalayan sedimentaries.
42. Smt. Smruti Kedar Pushalkar Shende	Microbiology	Studies on production of B. Glucosidas and ethanel fermentation of aspergillus terrors.
43. Kum. Snehal Nilendra Pandya	Microbiology	Studies on cowpea rhizobiam legume interaction.
44. Shri Deepak Nandilal Saxena	Microbiology	Studies on mosquito control using bacillus sphaerious
45. Smt. Jagruti Parimal Gandhi	Microbiology	Studies on xylanolytic enzymers from chaetomium globosum and lime prefereatment of biomass to improve quemen digestibility.
46. Shri Sanjaykumar Shankar Ingle	Microbiology	Studies on production strain improvement and bioloqvicidel activity of bacillus thupingiensis.
47. Kum. Arpana Govind Acharya	Microbiology	Studies on bacterial orgradation of acetoneitrile and 1,2 dichloroethane.
48. Shri Pruthviraj Hansarajaji Soni	Physics	An experimental study on Crystal and thin films of Biz Te <sup>3</sup> Sn, Se
49. Kum. Aruna Shankarswarup Bajpai	Physics	Many practice interactions in semiconductor superattices and microstructures.
50. Shri Dhiren Jitendrabhai Shah	Physics	Pre-equilibrium analysis of excitation.

#### **FACULTY OF COMMERCE**

51. Shri Mwafaqmohammed Dandan	Business Economics	Financing of education in Jordan, 1971-90.
52. Shri Faraj Ali Faraj Al-zuriqat	Business Economics	Monetary system in Jordan experience during 1964 to 1995.
53. Shri K. Shanmugam	Business Economics	The dynamic relationship between budget deficit and balance of payment of deficit: A study of Indian Economy from 1970-71 to 1995-96.
54. Shri P. Krishnakumar	Business Economics	Indian manufacturing: A study of productivity and technological change
55. Kum. Rita Lalbehari Rai	Business Finance	A study of gender in banking operations-some evidence from Gujarat
56. Shri Amit Rameshchandra Pandya	Comm. incl. Busi. Admn.	An analysis of selected consumer durable market in Baroda
57. Shri Umesh Rajnikant Dangarwala	Comm. Incl. Busi Admn.	Marketing of Financial Services

#### **FACULTY OF EDUCATION & PSYCHOLOGY**

58. Kum. Anjali Kantibhai Mehta	Education	An exploratory study of Gujarati language teaching in upper primary schools of Baroda City.
59. Kum. Archana Tomar	Education	An intervention to improve the quality instruction in environmental science for primary level school children.

60. Smt. Anjani Ravindra Khirwadkar	Education	Development of computer software for learning Chemistry at Std. XI.
61. Kum. Sujata Srivastava	Education	A study of managerial competencies of effective education managers.
62. Shri Munther Moh'd Ibrahim Zyoud	Education	Development of computer assisted English Language Teaching for VIII Std. students.
63. Shri Anshuman Himanshu Sekhar Das	Education	Exploring effectiveness of computer assisted learning material on rhymes in different modes.
64. Kum. Ami Mastan Meghani	Education	A study of effectiveness of a teaching learning strategy to develop critical thinking in students of Std. XI using Psychology as context.
65. Shri Bassam Mohmoud Moh'd Abdullah	Education	A study of students participation in school programme A cross cultural study.
66. Shri Mohankumar Vishnudas Menon	Education	A study of organisation development in education and industry with respect to communication and dicision
67. Kum. Smita Gouthi	Psychology	Study of some psychological conclates of functional enuresis.
68. Kum. Bharti Sunderdas Chawla	Psychology	A critical inquiry into enneagram as an ancient technique for judging personality types.

#### **FACULTY OF TECHNOLOGY & ENGINEERING**

69. Kum. Pompa Dharendra Banik	Applied Chemistry	Synthesis and evaluation of new liquid crystal macromolecules and small molecules.
70. Shri Ashishkumar Kantilal Prajapati	Applied Chemistry	Liquid crystals with novel structural units.
71. Kum. Meera Ramankutty Menon	Applied Chemistry	Synthesis of new liquid crystalline materials and their characterisation.
72. Smt. Kokila Rajeshbhai Fitter	Applied Chemistry	Structural modification of aliphatic polyamide-6 membrances.
73. Shri Hitendra Jayantilal Shah	Applied Mechanics	Study of skirted strip to atings on sand subjected to Arial eccentric oblique and horizontal loads.
74. Shri Bishwajit Sureshchandra Chakrabarty	Applied Physics	Fluorescence and thermolumine scence characteristics of campn phosphors.
75. Shri Prathmesh Rudrakant Vyas	Applied Physics	Thermoluminescence of synthetic quartz and its practical utility in Gamma Radiation Dosimetry.
76. Shri Ravindra Vishnu Patil	Applied Physics	Fluorescence study of polymers of comparian and their solution with various solvents
77. Shri Premal Natverlal Vashi	Applied Physics	Structure property relations in polypropylene homopolymer and polypropylene copolymers/ bolends with polybutylene, Terephthalate"
78. Shri Arvindbhai Shankerlal Patel	Civil Engg.	Development of performance indicators of artificial recharge structure, A case study of Saurashtra Region.
79. Shri Shanthakumar T.R.	Pharmacy	Improved deliver systems for ketorolac tromethanine.

- |                                    |                   |   |
|------------------------------------|-------------------|---|
| 80. Shri Hiteshkumar Anikant Doshi | Pharmacy          | New delivery systems of ciprofloxacin for ophthalmic use.           |
| 81. Shri Ashutosh Kishor Malral    | Textile Chemistry | Studies in Polyester Dyeing for improved Dyeability reproducibility |

#### **FACULTY OF HOME SCIENCE**

- |                                  |                     |  |
|----------------------------------|---------------------|--|
| 82. Kum. Vandana Suresh Agarwal  | Foods & Nutrition   | Studies on under privilege school going girls in urban Vadodara: Assessment of pubertal growth, Nutritional status and impact of nutrition communication strategies. |
| 83. Smt. Vanisha Sudhir Nambiar  | Foods and Nutrition | Studies on indigenous green leafy vegetables of western-India Chemical analysis for selected?  |
| 84. Smt. Sangeeta Chaudhary      | H.D.F.S.            | Television viewing pattern in relation to perception of family role portzayals and consumer behaviour among adolescents (15-18 years)                                |
| 85. Kum. Razia Begum Nadir Buksh | Home Management     | An exploratory study on empower ment of Women beneficiaries through Govt. sponsored economics upliftment programmes.   |
| 86. Kum. Jaju Neena Vidyadhar    | Home Management     | A study of artificial lighting in kitchens.  |

#### **FACULTY OF FINE ARTS**

- |                                   |              |   |
|-----------------------------------|--------------|---|
| 87. Shri Sahilendra K.S. Kushwaha | Art History  | 17th Century Mewar school of Rajasthani Painting: Study based on the three major painters namely: Nisardin, Sanibrin and Manohar. |
| 88. Shri Alesh Khalil Abu Shindi  | Art History  | Trends and Innovations in contemporary Indian Print since C. 1950.  |
| 89. Kum. Jayati Mukherjee         | Graphic.Arts | An identity in modern arts Baroda It's young printmakers and their contribution to modern Indian Trends of Arts.                  |

#### **FACULTY OF MEDICINE**

- |                             |                       |   |
|-----------------------------|-----------------------|---|
| 90. Smt. Rita Mahendra Shah | Medical Bio Chemistry | A synopsis of the thesis entitled studies on some effects of drugs on routine diagnostic clinical investigations. |
|-----------------------------|-----------------------|---|

#### **FACULTY OF PERFORMING ARTS**

- |                                   |       |  |
|-----------------------------------|-------|--|
| 91. Shri Shvetketu Avinash Vora   | Music | An analytical study of Mishra Raga   |
| 92. Shri Gaurang Amrutlal Bhavsar | Music | History, Development and comparative study of technique and style of tabla playing |
| 93. Smt. Musharrat Shabnam        | Music | A study of Nezuril Sangeet   |

#### **FACULTY OF LAW**

- |   |     |   |
|---|-----|---|
| 94. Shri Maheshkumar Khimjibhai Thakkar | Law | Delay in judicial proceedings and extension of Degrees: A critical study of existing provisions of law with special reference to recovery suits by banks (Financial Institutions) |
|---|-----|---|



## XVII

### List of Students Awarded M.Phil. Degree during the year 1999-2000

Sr.No.	Name of the Candidate	Subject	Title of the Dissertation
<b>FACULTY OF ARTS</b>			
01.	Kum. Sunita Ram Gurbaxani	English	Feminist readings of selected Shakespearean play
02.	Kum. Sonal Ramesh Baxi	English	Nation community and sender in the fiction of Rohinton Mistry.
03.	Smt. Girija Farid Siddiqui	English	illusion and reality: A thematic Study of samuel selvon's moses trilogy
04.	Kum. Ruma Parag Bhattacharya	History	History of women education and social reforms under Sir Sayajirao Gaekwad III
05.	Shri anandkumar Pravinbhai Shah	Political Science	A study of the ideas of Gandhi and Ambedkar on the issue of cases in Indian Politics.
06.	Shri Amit Pramodchandra Pradhan	Political Science	India's Economic Policy in the Post Cold war era.
07.	Kum. Hemangini Thakorbbhai Brahmbhatt	Political Science	SAARC-As a way to South Asian Survival
08.	Kum. Vandana Rai	Political Science	Human rights as an issue area between India and U.S.A.
<b>FACULTY OF SCIENCE</b>			
09.	Smt. Manisha Kanubhai Patel	Mathematics	Certain inverse series relations & their application to polynomial systems.
<b>FACULTY OF EDUCATION &amp; PSYCHOLOGY</b>			
10.	Kum. Raksha Krishnamani Sharma	Education	A Study of academic performance of B.Ed. students of the Fac. of Edu. & Psy in M.S.University of Baroda
11.	Kum. Vibha Tripathy	Education	A study of the organisational rules in relation to institutional functioning.

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# XVIII

## Statement showing the number of Teaching Staff of various Faculties/Institutions as on 31st March 2000

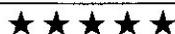
<i>Sr. No.</i>	<i>Faculties/ Institutions</i>	<i>Professor</i>	<i>Reader</i>	<i>Lecturer</i>	<i>Honorary Research and other</i>	<i>Part- Time</i>	<i>Total</i>
01.	Faculty of Arts	18	32	63	18	-	131
02.	Faculty of Science	26	27	105	22	-	180
03.	Faculty of Edu. & Psy.	03	09	18	05	-	35
04.	Faculty of Commerce	06	07	42	29	-	84
05.	Faculty of Tech. & Engg.	52	84	104	54	-	294
06.	Faculty of Law	02	01	-	4	36	43
07.	Faculty of Fine Arts	01	06	16	08	-	31
08.	Faculty of Home Science	07	07	28	23	-	65
09.	Faculty of Performing Arts	03	03	29	01	-	36
10.	Faculty of Social Work	01	04	07	03	-	15
11.	Faculty of Management Studies	03	05	01	-	-	09
12.	Faculty of Journalism and Communication	01	-	02	-	-	03
13.	Polytechnic	02	-	80	30	-	112
14.	Shri M.K. Amin, Arts & Science College, Padra	-	-	22	08	-	30
15.	Baroda Sanskrit Mahavidyalaya	-	-	09	01	-	10
16.	Oriental Institute	01	-	04	01	-	06
<b>Total</b>		<b>126</b>	<b>185</b>	<b>530</b>	<b>207</b>	<b>36</b>	<b>1084</b>

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## XIX

### Statement showing Staff- Students ratio in different Faculties/Institutions during the year 1999-2000

<i>Sr.No. Faculties/Institutions</i>	<i>No. of Teachers</i>	<i>Student Enrolment</i>	<i>Staff Student Ratio</i>
01. Faculty of Arts	131	3410	1 : 26.03
02. Faculty of Science	180	3065	1 : 17.03
03. Faculty of Education & Psychology	35	492	1 : 14.06
04. Faculty of Commerce	84	16462	1 : 195.9
05. Faculty of Medicine	280	1232	1 : 4.40
06. Faculty of Technology & Engineering	294	3283	1 : 11.16
07. Faculty of Law	43	576	1 : 13.40
08. Faculty of Fine Arts	31	422	1 : 13.61
09. Faculty of Home Science	65	1064	1 : 16.37
10. Faculty of Social Work	15	146	1 : 9.73
11. Faculty of Performing Arts	36	161	1 : 4.47
12. Faculty of Management Studies	09	83	1 : 9.22
13. Faculty of Journalism and Communication	03	35	1 : 11.67
14. Polytechnic	112	2086	1 : 18.63
15. Shri M.K. Amin Arts and Science College and College of Commerce, Padra	30	2343	1 : 78.3
16. Baroda Sanskrit Mahavidyalaya	10	127	1 : 12.70



## XX

### Statement showing Staff-Student ratio during the Last Five Years 1999-2000

The staff students ratio is calculated on the basis of students enrolled versus the number of teachers (excluding the student enrolment and the number of teachers of faculty of medicine). The table below shows the staff student ratio for the last five years.

<i>Year</i>	<i>No. of University Teachers</i>	<i>Student Enrolment</i>	<i>Staff-Student ratio</i>
1995-96	1,230	32,412	1 : 26.35
1996-97	1,214	31,417	1 : 25.28
1997-98	1,212	37,753	1 : 30.82
1998-99	1,209	33,317	1 : 27.56
1999-2000	1,084	35,344	1 : 32.60



# XXI

## Teachers Granted Facilities for Participation in Conferences and Seminars etc. in India during the year 1999-2000

Sr. No.	Name of the Teacher, Designation, Department & Faculty/Institution	Name, Date and Place of Conference/Seminar etc.
1	2	3
<b>Faculty of Arts</b>		
01.	Dr. V.H. Sonawane, Prof. & Head, Dept. of Archaeology & Ancient History	National seminar on the fifth Congress of Rock Art Society of India (RASI) at Ujjain and Guna from 21st to 24th Nov. 99.
02.	Dr. N.J. Vyas, Reader & Ag. Head, Dept. of Philosophy	XXXXXXXIVth Session of All India Philosophy Congress at Magadh University, BodhiGanga (Bihar) from 28-30 December, 1999.
03.	Dr. P. Ajithprasad, Lecturer, Dept. of Archaeology & Ancient History,	XXVII Annual Conference of the IAS/ISPCS/IHCS at Deccan College, Pune from 27-30 December, 1999.
04.	Dr. V.H. Sonawane, Prof. & Head, Dept. of Arch. & Ancient History	Joint Annual Conference of IAS/ISP QS and IHCS at Pune, from 27-30 December, 1999.
05.	Dr. A.S. Rao, Reader, Dept. of Economics	IEA 82nd Annual Conference - 1999 at Amritsar from 27-29 December, 1999.
<b>Faculty of Science</b>		
06.	Dr. Surekha Devi, Professor, Dept. of Chemistry	A two day All India Conference on Implementation of the guidelines and norms laid down by the Hon'ble supreme court of India regarding Sexual harrasment and Gender Justice at Banglore from 31-5-99 to 1-6-99.
07.	Mrs. Sangeeta A. Pandya, Tech. Asstt., Dept. of Microbiology,	Workshop on Election Microscopy at S.P. University, Vallabh Vidyanagar from 13-18 December, 1999.
08.	Dr. Bima Chandani, Reader, Dept. of Microbiology	XIII International Biophysics Congress and XIII International Biophysics Congress Satellite symposium on Structural Biology at New Delhi from 19-24 September, 1999 and at Calcutta from 27-29 September, 1999.
09.	Dr.(Mrs.) K.B. Nair, Reader, Dept. of Chemistry	National Conference on "recent Trends in structure, Functions, Analysis of Molecular and Applications at Mysore from 28-30, October, 1999.
10.	Dr. G.R. Pandya, Lecturer, Dept. of Physics,	Tenth International Workshop on Physics of Semi-conductor Devices at New Delhi from 14-18 Dec., 1999.
11.	Dr. Surekha Devi, Professor, Dept. of Chemistry,	XXXVIth Convention of Chemistry and International Conference on Chemistry, at Calcutta from 11-16 December, 1999.

1	2	3
12.	Dr. P.K. Jha, Lecturer, Dept. of Physics	XXXXIInd DAE-Solid state Physics Symposium at Kalpakkam, Tamil Nadu from 20-24 December, 1999.
13.	Dr. N.L. Singh, Reader, Dept. of Physics	DAE Symposium on Nuclear Physics at Chandigarh Punjab from 27-31 December, 1999.
14.	Dr. Neelima D. Kulkarni, Reader, Department of Chemistry	International Conference on Chemistry & the 36th Annual Convention of Chemists at Calcutta from 11-16 Dece., 1999.
15.	Dr.(Mrs.) Nalini V. Purohit, Lecturer, Dept. of Chemistry	International Conference on Chemistry & the 36th Annual Convention of Chemists at Calcutta from 11-16 Dece., 1999.
16.	Dr. C.F. Desai, Reader, Dept. of Physics	International Workshop on Physics of Semiconductor Devices at Delhi from 13-18 December, 1999.
17.	Dr. R.N. Ram, Reader, Dept. of Chemistry	Second National Symposium in Chemistry at Hyderabad from 27-29 January, 2000.
18.	Dr. Anjali U. Patel, Lecturer, Dept. of Chemistry	International Conference on Chemistry & 36th Annual Convention of Chemistry at Calcutta from 11-16 December, 1999.
19.	Dr. Arun Arya, Reader, Dept. of Botany	Indian Science Congress - 37th Session at Pune from 3-7 January, 2000.
20.	Dr. P.K. Bhattacharya, Professor, Dept. of Chemistry	XXXVIIth Annual Convention of Chemistry & International Conference on Chemistry at Calcutta from 11-16 December, 1999.
21.	Dr. H.S. Chhatpar, Professor, Dept. of Microbiology	XXVIth Annual Meeting of Mycological Society of India at Vallabh Vidyanagar from 21-23 December, 1999.
22.	Dr. Harshvadan R. Panchal, Lecturer, Dept. of Physics	National Seminar on Materials Science : Trends & Future at Longowal, Sangrur, Panjab from 24-25 February, 2000.
23.	Dr. P.K. Jha, Lecturer, Dept. of Physics	National Seminar on Materials Science : Trends & Future at Longowal, Sangrur, Panjab from 24-25 February, 1999.
24.	Dr. N.N. Thaker, Lecturer, Dept. of Chemistry	National Conference on Current Trends in the Chemistry of heterocyclic compounds at Tirupati on 13-14 March, 2000.
25.	Dr. R.C. Tandel, Lecturer, Dept. of Chemistry	National Seminar on Marials Science : Trends & Future at Longowal, Sangrur, Punjab on 24-25 February, 2000.
26.	Dr. B.I. Dave, Reader, Dept. of Mathematics	First National Conference of the Society for Special Functions and their applications at Jodhpur on 3-4 March, 2000.
27	Ms. Manisha D. Dalbhide, Lecturer, Dept. of Mathematics	First National Conference of the Society for Special Functions and their applications at Jodhpur on 3-4 March, 2000.
28.	Mrs. Ami Rawal, Lecturer, Dept. of Geography	XIX INCA International Congress at Vasco-De-Gama, Goa from 26-28 October, 1999.

### Faculty of Education & Psychology

29. Dr. R.G. Kothari, Reader,  
Dept. of Education
- Fifth International Conference on 'Educational Management, Technology and Values' at Udaipur from 10-12 December, 1999.

### Faculty of Technology & Engg.

30. Dr. D.K. Basu, Professor,  
Dept. of Met. Engg.
- National Conference on Quality Control in Metallurgical Industries at Coimbatore from 29-30 September, 1999.
31. Shri P.V. Darji, Lecturer,  
Dept. of Applied Mech.
- National Seminar on Flyash Characterisation and its Geotechnical Application at ITSC Bangalore on 30-8-99.
32. Dr. Arun Pratap, Reader,  
Dept. of App. Physics
- Xth International Conference on Rapidly quenched and Metastable Materials at IISC, Bangalore from 23-27 August, 1999.
33. Shri R.B. Kelkar, Reader,  
Department of Elec. Engg.
- XXIIIrd National Systems Conference at Banaras Hindu University, Varanasi from 9-11 December, 1999.
34. Dr. S.K. Joshi, Reader,  
Dept. of Elec. Engg.
- XXXIIIrd National Systems Conference at Banaras Hind University, Varanasi from 9-11 December, 1999.
35. Dr. K. Baba Pai, Professor,  
Dept. of Metallurgical,
- Vth National Conention of corrision at New Delhi from 22nd to 24th Nov. 99.
36. Dr. D.N. Nayak, Lecturer,  
Dept. of Business Economics
- Indian Economic Congress at Amritsar from 27-29 December, 1999.
37. Dr. A.V. Shroff, Professor,  
Dept. of Appl. Mechanics
- Indian Geotechnical conference -1999 at Calcutta from 16-19 December, 1999.
38. Shri S.C. Khurana, Reader,  
Dept. of Metallurgical Engg.
- Ninth National Convention of Electrochemists (NCE-IX) at Surat on 26-27 November, 1999.
39. Dr. R. Balarama, Professor,  
Dept. of Pharmacy
- .51st Indian Pharmaceutical Congress at Indore from 18-20 December, 1999.
40. Shri A.N. Mishra, Professor,  
Dept. of Pharmacy
- 51st Indian Pharmaceutical Congress at Indore from 18-20 December, 1999.
41. Dr. C.N. Narayanamurthy, Reader,  
Dept. of Applied Physics
- XXVI National Symposium of the Optical Society of India on 'Oplics and Optoelectronics' at Warangal from 4-6 February, 2000.

### Faculty of Fine Arts

42. Shri Sanjay Jain, Reader & Offg. Head,  
Dept. of Museology
- International Conference on Educational Management, Technology and Values at Udaipur from 10-12 December, 1999.
43. Dr. N.R. Shah, Lecturer,  
Dept. of Museology
- National Conference on Conservation of Cultural property at Salarjung Museum, Hyderabad from 23-25 January, 2000.

**Faculty of Home Science**

44. Dr. Sunanda M. Phadke, Reader,  
Dep. of Clothing & Textile
45. Ms. Neena Jaju, Lecturer,  
Dept. of Home Management
46. Dr. Rachel George, Professor  
Dept. of Home Management,
47. Dr. Amita Pandya, Reader,  
Dept. of Clothing & Textile
48. Mrs. Bhargavi S. Patel, Lecturer,  
Dept. of Clothing & Textiles

Workshop on Textile Education and Industry Manpower  
from Home Science Colleges at New Delhi on 7-9-99.

International Conference on Lighting Technology at  
New Delhi from 29-31 October.

International Conference Prakash 99 at New Delhi  
from Oct. 29-31, 1999.

XXIII Biennial Conference of Home Science Association  
of India at Ludhiana from 17-19 November, 1999.

XXIII Biennial Conference of Home Science Association  
of India at Ludhiana from 17-19 November, 1999.

**Faculty of Performing Arts**

49. Dr. Mahesh Champaklal, Prof. and Head,  
Dept. of Dramatics

National Seminar on "Indian Theatre in next millenium at  
Udaipur from 28-30 September, 1999.

**Faculty of Journalism and Communication**

50. Dr. Santoshkumar Tiwari, Professor,  
Journalism & Communication

International Seminar on Mass Media in the next  
Millennium Challanges and prospects in South Asia  
at Aligarh 11-12 March, 2000.

**M.K. Amin Arts & Science College & College of Commerce, Padra**

51. Dr. Sarita Agrawal, Lecturer,  
Dept. of Bus. Eco.,

International Women's Conference at New Delhi from  
27-2-2000 to 3-3-2000.

**Faculty of Physical Education**

52. Shri K.B. Desai, I/c. Director,  
Dept. of Physical Edu.

International Conference on Sports Management at  
Kanyakumari from 16-18 June, 1999.



## XXII

### Teachers Granted Facilities for Participation in Conferences and Seminars etc. in abroad during the year 1999-2000

Sr. No.	Name of the Teacher, Designation, Department & Faculty/Institution	Name, Date and Place of Conference, Congress/Symposium etc.
1	2	3
<b>FACULTY OF ARTS</b>		
01.	Dr. Umesh Naik, Lecturer, Dept. of Economics,	XII World Congress of the International Economic Association at Buenos Aires, Argentina from 23-27 August, 1999.
<b>FACULTY OF SCIENCE</b>		
02.	Dr. Sarita Gupta, Reader, Dept. of Biochemistry,	Training under Faculty Exchange Programme at Buffalo University, New York from 2-8-99 to 6.11-99.
<b>FACULTY OF TECHNOLOGY AND ENGINEERING</b>		
03.	Shri A.K. Prajapati, Lecturer, Dept. of Applied Chemistry	VI International Symposium on Metal-lomesogens at Ratenburg an der Fulda, Germany from 10-13 June, 1999.
04.	Dr. C.N. Murthy, Reader, Dept. of Applied Chemistry,	IUPAC VIII International Symposium on Macromolecule-Metal Complexes at Tokyo, Japan from 5-8 September, 1999.
05.	Dr. C.R. Jejurker, Reader Dept. of Applied Chemistry,	V International Conference on Calixarene Chemistry at Perth, Australia from 19-23 September, 1999.
06.	Dr. A.V. Shroff, Professor, Department of Applied Mechanics,	XI Asian Regional Conference at Seoul, Korea from 16-20 August, 1999.
07.	Shri V.G. Vyas, Reader Department of Business Economics	World Conference on International Entrepreneurship at Nanyang Technological University, Singapore from 15-18 August, 1999.
<b>FACULTY OF HOME SCIENCE</b>		
08.	Dr. Veena Gandotra, Reader & Head, Dept. of Home Management,	X Biennial International Congress of Asian Regional Association for Home Economics at Yokohama, Japan from 16-19 August, 1999.
<b>POLYTECHNIC</b>		
09.	Dr. A.P. Macwan, Lecturer Department of English,	Cambridge Seminar at London from 7-16 July, 1999.

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## XXIII

### Teachers Granted Study Leave during the year 1999-2000

Sr.No.	Name of the Teacher & Designation	Name of Faculty	Period of Leave
1	2	3	4
01.	Shri B.K. Suthar, Lecturer, Dept. of Linguistics	Faculty of Arts	16.9.1997 to 15.9.1999 Extension from 16.9.99 to 15.9.2000.
02.	Dr. Pranav Vyas Lecturer, Department of Microbiology	Faculty of Science	21.7.1999 to 20.7.2000
03.	Dr. Sanjay R. Desai Lecturer, Dept. of Commerce including Bus. Administration	Faculty of Commerce	24.6.1999 to 25.3.2000
04.	Ms. Hireni Mankodi, Lecturer, Dept. of Textile Engg.	Faculty of Tech. & Engg.	20.7.1999 to 19.7.2000
05.	Ms. Geeta Joshi, Lecturer, Dept. of Civil Engg.	Faculty of Tech. & Engg.	26.7.1999 to 20.12.1999 Permitted to cancel the above Study Leave
06.	Dr.D.P. Patel, Reader, Dept. of Applied Mathematics	Faculty of Tech. & Engg.	1.8.1999 to 30.9.2001
07.	Shri V.H. Kher, Lecturer, Dept. of Applied Physics	Polytechnic	4.1.2000 to 3.1.2002

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## XXIV

### Teachers Granted Sabbatical Leave during the year 1999-2000

NIL

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**Statement showing Non-Teaching Staff in various Faculties/Institutions during  
the year 1999-2000**

Sr.No.	Name of the Institution	Supervisory	Clerical	Peons	Total
01.	University Office	39	90	40	169
02.	Computer Centre	05	02	01	008
03.	Office of the Journalism	-	01	01	002
04.	Construction Div.	05	26	68	099
05.	Uni. Guest House	01	-	03	004
06.	Health Centre	02	06	02	010
07.	Phy. Edu. Department	-	08	11	019
08.	Faculty of Arts	10	19	20	049
09.	Faculty of Science	08	115	83	206
10.	Faculty of Edu. & Psy.	03	08	09	020
11.	Uni. Exp. School	-	05	06	011
12.	Gen. Edu. Centre	01	04	07	012
13.	Faculty of Commerce	04	17	32	053
14.	Faculty of Management Studies	01	04	03	008
15.	Faculty of Tech. & Engg.	45	147	83	275
16.	Degree Course in Pharmacy	02	09	04	015
17.	4yrs. Degree course	02	-	-	002
18.	WREMI	03	05	04	012
19.	MCA Course	-	01	-	001
20.	Post B.Sc. prog. in Comp. Sci & App.	02	-	-	002
21.	Faculty of Law	01	05	05	011
22.	Faculty of Fine Arts	06	13	15	034
23.	Faculty of Home Sci (Incl. Chetan Balwadi)	03	20	24	047
24.	Faculty of Soc. Work (Incl.) Training & Orientation	02	05	06	013
25.	Oriental Institute(Incl Vishun Puran)	03	09	05	017
26.	Faculty of Performing Arts	05	05	08	01
27.	Sanskrit Mahavidyalaya	03	02	04	009
28.	M.K. Amin Arts-and Science College and College of Commerce Padra	03	10	10	023
29.	Polytechnic	06	59	57	122
30.	Smt. H. M. Library	17	35	22	074
31.	Uni. Press & St. Unit	03	37	22*	062
32.	Halls of Residence	04	11	96	111
33.	AICS Trag. Centre	-	01	02	003
34.	PRC	03	04	01	008
35.	Social Sci. Information Centre	03	-	-	003
<b>Total</b>		<b>195</b>	<b>683</b>	<b>654</b>	<b>1,532</b>

\*Technical Workers

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## XXVI

### Statement of SC/ST/SEBC and Physically Handicapped Staff during the year 1999-2000

Sr.No.		SC	ST	SEBC	Physically Handicapped
01.	Professor .....	03	-	02	-
02.	Readers .....	11	04	13	-
03.	Lecturers .....	17	07	18	-
04.	Officers Class - I .....	-	-	-	-
05.	Officers Class - II .....	02	-	02	-
06.	Class - III Employees .....	70	55	80	05
07.	Class - IV Employees .....	230	58	138	-
<b>Total .....</b>		<b>333</b>	<b>124</b>	<b>251</b>	<b>05</b>

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## XXVII

### Members of Staff who Expired during the year 1999-2000

Sr.No.	Name	Institution	Designation	Date of Demise
<b>TEACHING STAFF</b>				
NIL				
<b>NON-TEACHING STAFF</b>				
01.	Shri A.C. Shah	H.M. Library	Lib. Sr. Clerk	2-5-99
02.	Shri V.D. Solanki	Health Centre	Peon	9.6.99
03.	Shri S.D. Jadhav	Polytechnic	Cleaner	2.9.99
04.	Shri K. G. Patel	Polytechnic	Cleaner	20.10.99
05.	Smt. L.A. Vangikar	University Office	Head Clerk	5.8.99
06.	Shri H. Bhonde	Tech. & Engg.	Peon	3.6.99
07.	Shri S. B. Ghorpade	Tech. & Engg.	Cleaner	30.6.99
08.	Shri M. L. Shah	Tech. & Engg.	Jr. Instructor	2.7.99
09.	Shri L.M. Pardesi	Science	Photographer	14.12.99
10.	Shri M. J. Mistry	Science	Lab. Assistant	19.2.2000

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# XXVIII

## Members of Staff who Retired during the year 1999-2000

Sr.No.	Name	Institution	Designation	Date of Retired
<b>Teaching Staff</b>				
01.	Shri K.R. Shah	Polytechnic	Lecturer	14.6.99
02.	Shri C.G. Mistry	Polytechnic	Lecturer	14.6.99
03.	Shri C.D. Panchal	Polytechnic	Head-Elect.Engg.	14.6.99
04.	Shri S.Y. Gokhale	Polytechnic	Lecturer	31.10.99
05.	Prof. S. Srivastava	Arts	Professor	5.7.99(Resi.)
06.	Prof. A.G. Sandhe	Commerce	Professor	5.7.99 (Vol.)
07.	Ms. Meenakshi Chuhan	Management studies	Reader	7.10.99 (Resi.)
08.	Prof. V. H. Kapadia	Tech. & Engg.	Professor	14.6.99
09.	Shri A.O. Shah	Tech. & Engg.	Lecturer	14.6.99
10.	Shri D.R. Parikh	Tech. & Engg.	Lecturer	14.6.99
11.	Prof. A.S. Loiwal	Tech. & Engg.	Professor	14.6.99
12.	Shri J. J. Prajapati	Tech. & Engg.	Reader	14.6.99
13.	Shri B. M. Bhandari	Tech. & Engg.	Lecturer	14.6.99
14.	Shri P. M. Ambadkar	Science	Reader	30.6.99 (Vol.)
15.	Shri P. J. Patel	Science	Lecturer	23.10.99
<b>Non-Teaching Staff</b>				
01.	Shri P. J. Gandhi	Smt. H. M. Library	Tech. Assistant	31.5.99 (Vol.)
02.	Shri M. B. Bhatt	Smt. H. M. Library	Head Clerk	31.8.99
03.	Shri B.T. Bhrambhattach	Smt. H. M. Library	Tech. assistant	31.3.2000
04.	Shri V.C. Bhavsar	Polytechnic	Sr. Clerk	31.8.99
05.	Shri D.D. Garud	Polytechnic	Naik	30.9.99
06.	Shri B.A. Shah	Polytechnic	Asstt. Accountant	31.12.99
07.	Shri S.V.Nikte	Polytechnic	Sr. Clerk	31.1.2000 (Vol. Retired)
08.	Shri S.R. Pandya	Arts	Asstt. Accountant	31.3.2000
09.	Shri H.S. Pandit	Arts	Stenographer	30.4.99
10.	Smt. A. N. Pathak	Commerce	Head Clerk	31.3.2000
11.	Shri Jaman Shanker	Commerce	Havaldar	29.2.2000
12.	Shri L.D. Sadelar	Physical Edu.	Groundman	31.7.99
13.	Shri B.B. Pawar	Physical Edu.	Boat Attendant	31.3.2000
14.	Shri S.P. Pathak	Stationery Unit	Rickshaw Driver	30.4.99
15.	Smt. U.R. Patel	University Office	Superintendent	31.5.99
16.	Shri V. L. Valand	Univesity Office	Clerk	15.5.99 (Resi.)
17.	Shri D.U. Deshmukh	University Office	Head Clerk	30.9.99
18.	Shri D.N. Baxi	University Office	Head Clerk	31.10.99
19.	Shri R. P. Shah	University Office	Superintendent	31.12.99

20.	Shri B. J. Shah	Universtiy Office	Offg. Asstt.Registrar	29.2.2000
21.	Shri M. B. Solanki	Halls of Residence	Attendant	2.4.99
22.	Smt. H. L. Dabhi	Halls of Residence	Attendant	30.4.99
23.	Shri K. N. Chaudhary	Halls of Residence	Attendant	23.6.99
24.	Shri D.M. Parmar	Halls of Residence	Attendant	31.8.99
25.	Shri Raman Solanki	Halls of Residence	Sweeper	31.1.2000
26.	Shri Nikul Bhikha	Halls of Residence	Attendant	29.2.2000
27.	Shri Y. B. Pagare	Halls of Residence	Attendant	31.3.2000
28.	Smt. R. K. Lokhande	Halls of Residence	Attendant	31.7.2000
29.	Shri D. L. Parmar	WREMI	Watchman	30.4.99
30.	Shri K.M. Gaekwad	Tech. & Engg.	Asstt. Fireman	31.7.99
31.	Shri S.A. Pathan	Tech. & Engg.	Gate Keeper	31.8.99
32.	Shri N.R. Jagtap	Tech. & Engg.	Lab. Assistant	30.9.99
33.	Shri F.N. Asari	Tech. & Engg.	Inst. Tech	31.10.99 (Vol.)
34.	Shri H.K. Solanki	Tech. & Engg.	Sweeper	31.12.99
35.	Shri V.Y. Vangikar	Tech. & Engg.	Tech. Assistant	31.1.2000
36.	Shri P.R. Chokshi	Tech. & Engg.	Draftsman	29.2.2000
37.	Smt. Dropdi Bhagia	Home Science	Teacher	30.4.99
38.	Smt. S.D. Solanki	Home Science	Maid Servant	31.12.99
39.	Shri K.G. Yadav	Science	Lab.Attendant	31.5.99
40.	K.G. Adhvaryu	Science	Sr. Clerk	31.7.99
41.	Shri J. P. Kachhia	Science	Lab. Assistant	31.8.99
42.	Smt. P. M. Patel	Science	Sr. Clerk	31.1.2000(Resi)
43.	Shri S.P. Dalvi	Science	Lab. Assistant	31.1.2000
44.	Shri R.P. Rawat	Science	Lab.Attendant	29.2.2000
45.	Shri M.S. Pathak	Science	Superintendent	5.7.99 (Vol.)

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# XXIX

## Grants for Development and Research Schemes during the year 1999-2000

Sr. No.	Particulars	Amount	
		Rs.	Ps.
01.	University Grants Commission .....	2,88,82,574.39	
	(a) Recurring .....	79,27,574.39	
	(b) Books .....	26,53,000.00	
	(c) Equipments .....	1,32,62,000.00	
	(d) Buildings .....	50,40,000.00	
02.	Government of Gujarat .....	7501092.37	
	(a) Development recurring .....	64,738.22	
	(b) Research Scheme .....	74,36,354.15	
03.	Council of Scientific & Industrial Research .....	24,22,905.57	
04.	Indian Council of Agricultural Research .....	3,91,800.00	
05.	Ministry of Education .....	15,84,496.00	
06.	Grant from Ford Foundation .....	33,015.00	
07.	Grant from Ministry of Health & Family Welfare .....	45,92,559.00	
08.	Indian Council of Social Science & Research .....	1,87,617.00	
09.	Indian Council of Historical Research .....	8,400.00	
10.	Grant from Director, General Archaeology Survey .....	2,50,000.00	
11.	National Council of Education & Research .....	10,34,627.15	
12.	Grant from Department of Science & Technology .....	83,50,609.00	
13.	Grant from All India Council for Technical Education .....	90,51,129.00	
14.	Grant from ISLI Research Foundation, Washington .....	2,17,250.00	
15.	Grant from Population Council .....	2,08,460.00	
16.	Grant from Dept. of Atomic Energy .....	5,00,000.00	
17.	Grant from Indian Councils of Medical Science & Research .....	59,040.00	
18.	Grant from Ministry of Non-Conventional Energy Source .....	8,00,000.00	
19.	Grant from Gujarat Ecological Society .....	11,48,250.00	
20.	Other Bodies .....	27,93,057.09	
<b>GRAND TOTAL .....</b>		<b>7,00,16,881.57</b>	



XXX

**REVENUE ACCOUNTS**

**Receipts & Disbursements for the year ended 31st March 2000**

**i.e. from 1-4-99 to 31-3-2000**

**PART - NON PLAN SECTION - A**

**RECEIPTS**

**DISBURSEMENT**

Sr.No.	Particulars	Rs.Ps	Sr.No.	Particulars	Rs.Ps
<b>I.(A)</b>	<b>Grant from the State Government</b>	<b>41,54,15,000.00</b>	<b>1</b>	<b>University General Admn. (1 to 11)</b>	<b>1,97,11,862.31</b>
1.	Block Grant from State Govt.	32,22,05,000.00	1	<b>Vice-Chancellor</b>	<b>5,32,794.00</b>
2.	Additional Grant from state Govt.	9,31,98,000.00		(a) Salary	3,00,000.00
	(a) 100% Grant Towards the additional expenditure on increase rate of the rates of DA, HRA & CLA during the period of the Triennium			(b) Dearness Allowance	96,000.00
				(c) Compensatory Local Allow.	2,160.00
				(d) Medical Allowance	—
				(e) Arrears of Revised Pay	134634.00
			<b>2</b>	<b>Pro-Vice-Chancellor</b>	<b>3,56,976.00</b>
				(a) Salary	2,68,800.00
				(b) Dearness Allowance	86,016.00
				(c) Compensatory Local Allow.	1,980.00
				(d) House Rent Allow.	—
				(e) Medical Allowance	180.00
<b>(b) Additional Grants :</b>			<b>3</b>	<b>Officers</b>	<b>20,85,771.46</b>
1)	Degree Course in Pharmacy (Fac. of Tech. & Engg.) from 1-7-78 and onwards	31,98,000.00		(a) Salary	14,04,111.55
2)	Grant towards to Polytechnic	2,35,00,000.00		(b) Dearness Allowance	5,07,099.36
3)	Towards Works of Ordinary Repairs to Building	—		(c) House Rent Allowance	—
4)	Grant towards Tech. & Engg.	6,65,00,000.00		(d) Compensatory Local Allow.	23,045.44
5)	Grant towards U.C.P.F. & Gratuity contribution	—		(e) Medical Allowance	9,567.74
6)	Towards Pension for Non-Teaching Staff 93-94	—		(f) Interim Relief	1,07,741.37
7)	Towards expenditure on payment of Bonus	—		(g) Arrears of Revision of Pay Scale	34,206.00
8)	Towards M.S. University Outside Securities	—	<b>4</b>	<b>Clerks &amp; Technicians</b>	<b>1,21,31,300.46</b>
9)	Towards the Revision of Pay Scale of the N.T. Staff incl. 9-18-27			(a) Salary	78,90,987.71
				(b) Dearness Allowance	28,62,249.18
				(c) House Rent Allowance	9,63,515.15
				(d) Compensatory Local Allow.	1,53,859.64
				(e) Medical Allowance	1,59,135.23
				(f) Washing Allowance	2,140.00
				(g) Interim Relief	1,600.00
<b>(B) Grant from the University Grants Commission Towards the Grants Commission Unit in the University</b>		<b>12,000.00</b>		(g) Arrears of Revision of Pay Scale	97,813.55
<b>II. Fees from the Students (A+B+C)</b>		<b>2,25,91,133.47</b>	<b>5</b>	<b>Class IV Servants</b>	<b>24,97,706.83</b>

Sr.No.	Particulars	Rs.Ps	Sr.No.	Particulars	Rs.Ps
(A)	<b>Academic Tuition Fees and Misc. Income from Faculties &amp; Institutions</b>	<b>1,39,53,320.77</b>	(a)	Salary	16,47,239.72
1)	Faculty of Arts	6,00,626.47	(b)	Dearness Allowance	5,92,934.71
2)	Faculty of Science	13,41,608.45	(c)	House Rent Allowance	1,65,835.70
3)	Faculty of Edu. & Psy. (incl. of Exp. School)	9,86,709.50	(d)	Compensatory Local Allow.	30,226.55
4)	Faculty of Commerce	32,85,109.00	(e)	Medical Allowance	53,739.25
5)	M.S. Patel Insti. of Mgmt. Studies (Fac. of Mgmt. Studies)	5,59,601.45	(f)	Washing Allowance	7,730.90
6)	i) Faculty of Technology Engg.	26,51,078.00	6	<b>Temporary Staff</b>	<b>9,39,021.51</b>
	ii) Introduction of Degree Course in Pharmacy	44,604.00	7	<b>Cell for Welfare of Backward Class</b>	—
	iii) Part-time degree course in Dip. Students in CME	8,51,828.00	8	<b>University Contribution to Provident Fund</b>	<b>91,080.00</b>
	iv) Water Resource Engg. & Mgmt. Institute	77,083.00	9	<b>Encashment of Leave</b>	<b>5,33,624.05</b>
7)	Faculty of Law	2,35,666.50	10	<b>Leave Travel Concession (Incl. Encashment)</b>	<b>96,237.00</b>
8)	Faculty of Fine Arts	27,484.00	11	<b>Adhoc Bonus</b>	<b>4,47,351.00</b>
9)	Faculty of Home Science	4,59,847.80	12	<b>Examination Charges (1 to 14)</b>	<b>82,24,306.91</b>
10)	Faculty of Social Work	60,577.50	1	<b>Remuneration of Examiners :</b>	<b>19,92,924.74</b>
11)	Faculty of Performing Arts	1,64,775.40	(a)	Arts Examination	2,15,927.58
12)	Fac. of Journalism & Communication	92,830.	(b)	Science Examination	1,22,941.30
13)	Sanskrit Mahavidyalaya	22,630.50	(c)	Edu. and Psychology Exam.	16,759.98
14)	Shri M.K. Amin Arts & Science College & College of Commerce, Padra	6,92,867.50	(d)	Commerce Examination	4,59,847.10
15)	(a) Polytechnic	4,59,287.55	(e)	Medical Examinations	1,19,499.00
	(b) Extended Dipl. course in Civil, Mech. & Elec. Engg.	5,87,782.00	(f)	Tech. & Engg. Examinations	8,05,954.46
	(c) Extended Dip. in Civil, Mech., & Electrical Engg. Course (Addl. intake of 100 Students)	—	(g)	Law Examinations	17,821.00
	(d) Six Semester Post Higher Secondary (Std. XII) Sci. Stream Dip. Course in Civil, Mechanical & Electrical Engineering (Polytechnic)	5,51,492.00	(h)	Fine Arts Examinations	3,562.25
16)	Smt. Hansa Mehta Library	94,107.15	(i)	Home Science Examinations	18,469.50
17)	For-Enrollment Certificate	1,03,290.00	(j)	Social Work Examinations	2,015.00
			(k)	Sanskrit Mahavidyalaya Examinations	4,740.00
			(l)	Performing Arts Examinations	4,105.00
			(m)	Management Studies Exam.	4,948.00
			(n)	Polytechnic Examinations	1,96,334.57
			(o)	Journalism & Communication	—
			2	<b>Travelling Allow. to Examiners</b>	<b>7,63,984.75</b>
			3	<b>Supervision Charges</b>	<b>1,52,506.80</b>
			4	<b>Printing and Stationery :</b>	<b>35,07,181.00</b>
			(a)	Printing of Question Papers	5,96,515.00
			(b)	Other Printing Charges	2,73,609.00

Sr.No.	Particulars	Rs.Ps	Sr.No.	Particulars	Rs.Ps
18)	For Post-Graduate Registration	2,435.00		(c) Cost of Answer Books	22,06,661.00
<b>(B)</b>	<b>Examinations Fees</b>	<b>82,22,793.70</b>		(d) Stationery	1,61,536.00
1)	Arts Examination	4,85,910.00	5	Asst. at the Practical	1,99,546.70
2)	Science Examinations	5,20,417.50	6	Chemical & Breakages	3.00
3)	Edu. & Psy. Examinations	75,165.00	7	Remun. to Factotums, Peons	1,70,041.40
4)	Commerce Examinations	22,50,275.00	8	Tabulation Expenses	1,23,231.95
5)	Medical Examinations	1,97,578.20	9	Exam. Allowance to non-teaching staff	10,85,426.75
6)	Tech. & Engg. Examinations	9,96,055.00	10	Contingencies & Sundries	24,669.42
7)	Law Examinations	1,15,180.00	11	Dead-stock (including replacement and Repairs)	12,055.00
8)	Fine Arts Examinations	—	12	Maintenance of Vehicle	—
9)	Home Science Examinations	480.00	13	Computer charges etc. for preparing of Mark-sheet	1,228.40
10)	Social Work Examinations	17,250.00	14	Reassessment work	1,91,507.00
11)	Performing Arts Examination	(-)34,325.00	<b>III</b>	<b>Publications</b>	<b>3,92,397.75</b>
12)	Management Examination	8,250.00	(a)	Gaekwad Oriental Series	1,98,778.00
13)	Journalism Examination	11,100.00	(b)	University other Publications	—
14)	Sanskrit Mahavidyalaya Examinations	11,940.00	(c)	University Journal	1,93,619.75
15)	Polytechnic Examinations	5,82,264.00	<b>IV</b>	<b>Travelling Allowance</b>	<b>5,40,901.00</b>
16)	Shri M.K. Amin College, Padra	6,62,980.00	(a)	For Senate Meetings	16,185.00
17)	Re Assessment Work	8,86,600.00	(b)	For Syndicate Meeting	9,840.00
18)	Sales Proceeds of Examination Forms	3,97,860.00	(c)	For Meeting of the Faculties, Boards and Committees	3,17,365.50
19)	Sales proceeds of used Answer Books	—	(d)	For University Officers and Administrative Staff & Others	1,83,510.50
20)	Verifications and supply of Marks	3,41,125.00	(e)	For Delegates of the Univ.	14,000.00
21)	For Certificates of Ellg. inclu. sale of various forms	3,01,528.00	<b>V</b>	<b>Printing, Stationery &amp; Postages</b>	<b>10,93,294.50</b>
22)	For First and Subsequent Graduation	3,25,801.00	(a)	Printing of Hand Books, Calenders Pamphlets, Electoral Rolls	61,060.00
23)	For Registration of Graduates	710.00	(b)	Printing of Agenda, Minutes, Annual Report, Annual Budget	5,94,450.00
<b>(C)</b>	<b>Other Fees</b>	<b>4,15,019.00</b>	(c)	Stationery	2,60,732.00
1)	For Faculty Gymkhana	3,255.00	(d)	Postage and Telegrams	1,77,052.50
2)	For University Union	1,67,508.00	<b>VI</b>	<b>Interest on Balance of Funds not Invested due to financial</b>	
3)	Fees for Students Safety Insu.	12,670.00			

Sr.No.	Particulars	Rs.Ps	Sr.No.	Particulars	Rs.Ps
4)	For Univ. Gymkhana inclu. swimming pool income	2,31,586.00		<b>Stringency</b>	<b>1425581.73</b>
III	<b>Hostels</b>	<b>10,09,020.00</b>		Interest on Balance of Funds not Invested due to financial Stringency	1425581.73
IV	<b>Income from Occupation of Bldg., Lands &amp; other properties</b>	<b>14,66,336.79</b>	VII	<b>Maintenance of Building and Roads (including Residential Quarters and N.C.C. Building)</b>	<b>1,75,18,996.63</b>
1)	Income from Use & Occupation of Univ. Quarters & Bungalows and other Buildings including Furniture Rent	10,16,861.79	(a)	Temporary Staff	—
2)	Income from C.C. Mehta General Education	2,02,396.00	(b)	Ordinary Repairs	33,27,908.61
3)	Income from University Guest House	2,47,079.00	(c)	Insurance Charges	2,19,108.00
V	<b>University Auxiliary Services (A+B+C) 79,13,472.64</b>		(d)	Misc. Water Supply & Tools & Plants etc.	76,42,541.42
(A)	Income from M. S. University of Baroda Press	59,36,586.48	(e)	University Engineer's Staff (1 to 9)	<b>63,29,438.60</b>
(B)	Income from M. S. University Stationery Unit	17,81,291.50	1)	<b>Officers 4,76,066.00</b>	
(C)	Income from Publication	1,95,594.66	(a)	Salary	3,43,028.00
VI	<b>Miscellaneous Receipts</b>	<b>9,68,196.47</b>	(b)	Dearness Allowance	1,22,958.00
VII	<b>Refund of Insurance Premium on Insurance of Building, Equipments, Books etc.</b>	—	(c)	House Rent Allowance	—
VIII	<b>Computer Centre Time sold Rec.</b>	—	(d)	Compensatory Local Allow.	6,480.00
IX	<b>Health Service, Univ. Health Centre Rec.</b>	<b>372.00</b>	(e)	Medical Allowance	3,600.00
	<b>TOTAL of I to IX</b>	<b>44,93,63,531.37</b>	2)	<b>Clerks and Technicians 24,22,906.60</b>	
			(a)	Salary	16,59,908.60
			(b)	Dearness Allowance	4,90,768.00
			(c)	House Rent Allowance	1,70,630.00
			(d)	Compensatory Local Allow.	30,016.00
			(e)	Medical Allowance	33,600.00
			(f)	Washing allowance	—
			(g)	Arr. of Rev. of Pay Scale	37,984.00
			3)	<b>Class IV Servants 18,95,913.00</b>	
			(a)	Salary	12,22,192.00
			(b)	Dearness Allowance	4,49,333.00
			(c)	House Rent Allowance	1,57,428.00
			(d)	Compensatory Local Allow.	22,865.00
			(e)	Washing Allowance	5,595.00
			(f)	Medical Allowance	38,500.00
			4)	<b>University Contribution to P.F.</b>	<b>33,401.00</b>
			5)	<b>Encashment of Leave</b>	<b>35,637.00</b>
			6)	<b>Leave Travel Concession</b>	—

Sr.No.	Particulars	Rs.Ps	Sr.No.	Particulars	Rs.Ps
			7)	Adhoc Bonus	1,50,907.00
			8)	Municipal Taxes.	13,14,608.00
			9)	Uniform	—
			<b>VIII</b>	<b>Maintenance of Gardens</b>	<b>13,75,832.33</b>
			(a)	Salary	7,92,770.29
			(b)	Dearness Allowance	2,94,147.22
			(c)	House Rent Allowance	1,09,737.00
			(d)	Compensatory Local Allow.	13,993.00
			(e)	Washing Allow.	3,600.00
			(f)	Medical Allowance	26,584.00
			(g)	Encashment of Leave	—
			(h)	U.C.P.F.	—
			(i)	Leave Travel Concession	—
			(j)	Contingencies	21,223.42
			(k)	Temporary Labour	49,922.40
			(l)	Pipe Line	—
			(m)	Interim Relief	4.00
			(n)	Adhoc Bonus	52,576.00
			(o)	Arr. Rev. of Pay Scale	11,275.00
			(p)	Uniform	—
			<b>IX</b>	<b>Games, Sports and Student's Welfare and other Activities</b>	<b>67,29,464.84</b>
			(a)	Games Sports & Department of Physical Education	38,57,401.46
			(b)	University Health Centre	26,72,474.38
			(c)	Faculty Gymkhana Fees paid to the Faculties	3,255.00
			(d)	Union Fees paid to the Union	1,67,508.00
			(e)	Students Safety Fees paid to Insurance Company	12,670.00
			(f)	Providing amenities and Recre- ational facilities to NCC cadets and officers & other charges	8,456.00
			(g)	Annual Grant to the Union	1,000.00
			(h)	Grant to the Union for Badminton	1,700.00
			(i)	Grant for Youth Welfare Activities inc. storeis	5,000.00

Sr.No.	Particulars	Rs.Ps	Sr.No.	Particulars	Rs.Ps
			<b>X</b>	<b>Miscellaneous (A, B, C)</b>	<b>40,56,095.23</b>
			<b>(A)</b>	<b>Membership and Contribution</b>	<b>1,31,506.00</b>
			(a)	Association of Indian Universities, New Delhi	29,000.00
			(b)	Association of Universities of Common Wealth	67,330.00
			(c)	Other Bodies	6,850.00
			(d)	Indian International Centre, Delhi	28,326.00
			<b>(B)</b>	<b>Office Equipments (Repairs)</b>	<b>1,70,945.00</b>
			<b>(C)</b>	<b>Other Items</b>	<b>37,53,644.23</b>
			(a)	Extra Mural Work	10,846.00
			(b)	Books, Journals & Newspapers	18,947.50
			(c)	Legal Charges	1,28,310.00
			(d)	Electric Energy and Appliances	6,74,605.61
			(e)	Telephones	2,08,281.35
			(f)	Advertisements	5,56,160.60
			(g)	Uniforms	1,21,526.00
			(h)	Maintenance of University Vehicle (VC's Car)	1,03,348.83
			(i)	Misc./Unforeseen Items	3,247.76
			(j)	Municipal and Other Taxes	—
			(k)	Convocation and Sundry Exp.	1,22,453.31
			(l)	Grant for Conferences	1,325.00
			(m)	Vice-Chancellor's Sumptuary Grant	2,978.00
			(n)	Contingencies	2,16,061.36
			(o)	Pro-Vice-Chancellor Sumptuary Grant	738.00
			(p)	Vice-Chancellor' Discretionary Grant	—
			(q)	Dean's allowance for the Faculty of Medicine	4,167.75
			(r)	Election Expenses	--
			(s)	Bank Charges	—
			(t)	Maintenance of Staff Car	2,08,833.52
			(u)	Preparation of new Scarfs	—
			(v)	Training Programme for Administrative Staff	5,950.00

Sr.No.	Particulars	Rs.Ps	Sr.No.	Particulars	Rs.Ps
			(w)	Staff Sports Club	7,330.00
			(x)	Outside Securities	13,58,533.64
			<b>XI</b>	<b>Faculties and Institutions &amp;</b>	
				<b>Others</b>	<b>33,70,26,972.40</b>
			<b>(A)</b>	<b>Faculties</b>	<b>28,93,90,795.96</b>
			(a)	Faculty of Arts	3,42,01,929.91
			(b)	Faculty of Science	6,51,24,520.90
			(c)	Faculty of Edu. & Psy. [incl. Exp. School]	1,21,70,988.69
			(d)	Faculty of Commerce [incl. F.Y. B.Com. Unit & Girls College]	2,06,02,175.53
			(e)	M.S. Patel Institute of Management Studies (Fac. of Management Studies)	37,26,912.64
			(f) (i)	Faculty of Technology & Engineering	9,74,08,157.03
			(ii)	Introduction of Degree Course in Pharmacy	54,42,171.65
			(iii)	Part-Time Deg. Cou. for Dip. students in CME	10,49,539.60
			(iv)	Water Resources Engg. & Management Institute	33,44,116.65
			(g)	Faculty of Law	23,09,587.33
			(h)	Faculty of Fine Arts	1,01,36,695.63
			(i)	Faculty of Home Science	1,82,18,481.28
			(j)	Faculty of Social Work	45,29,950.54
			(k)	Faculty of Performing Arts	1,03,53,739.31
			(l)	Faculty of Journalism & Communication	7,71,829.27
			<b>(B)</b>	<b>Institutions &amp; Others</b>	<b>4,76,36,176.44</b>
			(a) (i)	Oriental Institute	28,44,234.56
			(ii)	Vishnupurana Project	11,55,731.52
			(b)	Sanskrit Mahavidyalaya	25,66,045.80
			(c)	Shri M.K. Amin College, Padra	62,55,169.63
			(d) (i)	Polytechnic	2,80,65,958.83
			(ii)	Ext. Dip. Cou. in Civil, Mech. & Elect. Engg.	7,05,140.69
			(iii)	Additional intake of 100 students	

Sr.No.	Particulars	Rs.Ps	Sr.No.	Particulars	Rs.Ps
				(Extended Dip. in Civil, Mech. & Elect. Engg.)	17,290.00
			(iv)	Six semester post Higher Secondary (Std. XII) Sci. Stream Dip. cour. in Civil, Mech. & Elect. Engg.	41,04,191.63
			(e)	Centre of Advanced Study in Education	10,66,706.08
			(f)	Social Science Information Centre	8,55,707.70
			XII (a)	Smt. Hansa Mehta (University) Library	2,01,33,541.43
			(b)	Sir Sayajirao Memorial Trust (University) Library	6,63,039.25
			XIII (a)	University Guest House	4,45,066.91
			(b)	C.C. Mehta General Education Centre	18,12,379.23
			XIV	University Auxiliary Services	1,05,27,743.23
			(a)	M.S. U. of Baroda Press	79,48,250.83
			(b)	M.S.U. Stationery Unit	20,84,238.65
			(c)	M.S.U. Publication Unit	4,95,253.75
			XV	Hall of Resident for Students	1,45,84,380.02
			XVI	Cost of card punching and verification Stationery Computeritem etc. for computerization of University Pay Roll and accounts	—
			XVII	Deadstock, Equip. for Univ. Office, Faculties & Insti.	85,857.43
			XVIII	Payment of Pension including UCPF	49,10,090.00
			XIX	Visiting Professors in Various Faculties	38,150.00
			XX	Computer Centre Exp. A/c.	3,98,909.50
	Total of I to IX	44,93,63,531.37			
	Add excess of Disbursement over Receipt i.e. Deficite	23,31,331.26			
	<b>GRAND TOTAL</b>	<b>45,16,94,862.63</b>		<b>GRAND TOTAL</b>	<b>45,16,94,862.63</b>

**THE MAHARAJA SAYAJIRAO**  
ABSTRACT OF STATEMENT OF

LIABILITIES	Rs. Ps.	Rs. Ps.
I. Ayurvedic Research Fund	8,25,868.31	
Dues to the University	<u>15,01,278.06</u>	23,27,146.37
II. Post-Graduate Instruction and Research Fund		2,39,76,076.79
III. University General Fund		28,15,72,262.28
IV. Capital General Fund		1,50,39,147.02
V. Staff Gratuity Fund		3,94,49,350.02
VI. Liabilities General		

# UNIVERSITY OF BARODA, VADODARA

AFFAIRS AS ON 31-3-2000

	ASSETS	Rs. Ps.	Rs. Ps.
I.	Ayurvedic Research Fund		
	Investment	22,29,000.00	
	Building Equipment	<u>98,146.37</u>	<b>23,27,146.37</b>
II.	Post Graduate Instruction & Research Fund		
	Investment	1,92,65,448.00	
	Dues from the University	<u>47,10,628.79</u>	<b>2,39,76,076.79</b>
III.	University General Fund		
	Building Works	11,57,40,121.39	
	Equipment and Furniture	11,86,42,364.17	
	Books and Periodicals	3,52,25,879.63	
	Pumps and Materials	91,387.00	
	M.S.U. Press (Sadhana Press)	73,15,145.58	
	Investment	20,21,213.00	
	Dues from the University	<u>25,36,151.51</u>	<b>28,15,72,262.28</b>
IV.	Capital Expenditure Fund (Sir Sayajirao Diamond Jubilee & Memorial Trust)		
	Investment	60,34,652.00	
	Capital works & Furniture (During the year)	9,14,117.40	
	Dues from the University	<u>80,90,377.62</u>	<b>1,50,39,147.02</b>
V.	Staff Gratuity Fund		
	Investment	1,67,86,136.00	
	Dues from the University	<u>2,26,63,214.02</u>	<b>3,94,49,350.02</b>
VI.	Advances and Others		

LIABILITIES	Rs. Ps.	Rs. Ps.
(a) Deposits from the Contractors	15,51,181.43	
(b) Dues from the Contractors	70,965.38	
(c) Sundry Deposits and Liabilities	8,62,48,504.59	
(d) Fund for CASE Publication	56,138.90	
(e) Working Fund from GOG	10,00,000.00	
(f) Fund for Outside work	23,25,177.40	
(g) Grant of Dev. Scheme	2,28,08,144.16	
(h) Dues to various Funds	3,80,00,371.94	
(i) Reserve for Development of Health Centre	14,24,557.06	
(j) Reserve for Development of Press	<u>15,50,386.41</u>	<b>15,50,35,427.27</b>
<b>TOTAL (I to VI)</b>		<u><b>51,73,99,409.75</b></u>

	ASSETS	Rs. Ps.	Rs. Ps.
(a)	General Fund (Halls of Resi.)	2,49,187.83	
(b)	Faculties and Institutions	54,73,275.23	
(c)	M.S. Press & Publication	16,42,383.42	
(d)	M.S. University Stationery Unit (Cr.)	66,934.80	
(e)	Doller-Coupons	1,600.19	
(f)	Advance to Contractors for Bldg. Materials	1,23,748.34	
(g)	Dues from Ayurvedic Research Fund	26,02,810.46	
(h)	Sundry Advances	13,07,000.00	
(i)	Investments	12,04,536.41	
(j)	Festival Loan	15,01,278.06	
(k)	Stock of Uniforms	10,75,244.42	
(l)	Stock of Materials	3,06,556.62	
(m)	Deficit on Revenue A/c.	78,62,569.79	
(n)	Cash & other Balances	13,17,52,171.30	15,50,35,427.27
<b>TOTAL (I TO VI)</b>			<b>51,73,99,409.75</b>

## XXXII

### Accounts of the General Education Centre during the year 1999-2000

	Amount Rs. P.		Amount Rs. P.
<b>(A) Accounts of the General Education Centre (1999-2000)</b>		<b>(B) Amount Credited to the University (Non-Budgetary Head)</b>	
01. Auditorium Deposit	1,31,154.00	1. Auditorium Rent	1,24,176.00
02. Auditorium Rent	1,39,746.00	2. Electric Consumption	77,720.00
03. Auditorium Technical Service	43,880.00	3. Canteen Rent	500.00
04. Perishable and Replacement	3,22,669.74	<b>Total Rs.</b>	<b><u>2,02,396.00</u></b>
05. Electric Consumption	89,142.00	<b>(C) Balance carried forward to the year 2000-2001</b>	
06. Canteen Deposit	4,500.00	1. Auditorium Deposit	1,31,154.00
07. Canteen Rent	500.00	2. Auditorium Technical Service	43,880.00
08. Retreat Deposit	16,144.00	3. Perishable and Replacement	3,22,669.74
09. Damage Collection	2,066.00	4. Retreat Deposit	16,144.00
<b>Total Rs.</b>	<b><u>7,49,801.74</u></b>	<b>Total Rs.</b>	<b><u>5,13,847.74</u></b>



## XXXIII

### Number of Patients Treated at the Health Centre

The University Staff, their families and the students avail themselves of the Health Centre facilities provided by University Health Centre. The following are the figures for the patients treated and daily average attendance over a period of the last five years.

Year	Staff and their families	%	Students	%	Total cases treated	Daily average attendance
1995-96	39,945	76.82	11,145	23.18	48,090	154
1996-97	40,736	76.88	12,248	22.12	52,984	152
1997-98	39,150	75.89	12,436	24.11	51,586	150
1998-99	29,983	70.83	12,345	29.17	42,328	148
1999-2000	30,016	71.22	12,132	28.78	42,148	142



# XXXIV

## Institution of Gold Medals, Prizes & Scholarships etc. during the year 1999-2000

Sr.No.	Names of the Gold Medals, Prizes & Scholarships	Amount Rs.
01.	Shashibala Anant Godbole Gold Medal Fund	25,000.00
02.	Dahyabhai K. Patel Gold Medal	25,000.00
03.	Gujarat Refinery - Indian Oil Corporation Ltd. Gold Medal Fund	25,000.00
04.	Jayantilal Kashiram Thakor Gold Medal	25,000.00
05.	Manglaben Jayantibhai Thakor Gold Medal	25,000.00
06.	Amita Verma Cash Prize Fund	6,000.00
07.	Nagindas M. Shah Gold Medal Fund	25,000.00
08.	Gujarat Refinery - Indian Oil Refinery Gold Medal Fund in HRD	25,000.00
09.	Suman Anant Khorana Gold Medal Fund	25,000.00
10.	Sharmishtha Kokildane Scholarship Fund in M.Sc. (Final)	13,000.00
11.	Sharmishtha Kokildane Scholarship Fund in M.Sc. (Previous)	12,000.00
12.	B.H. Elavia Gold Medal Fund	25,000.00
13.	Indian Association of Psychotherapist Gold Medal Fund	25,000.00
14.	Indian Petro Chemical Corporation Gold Medal Fund in Accountancy	25,000.00
15.	Madhusudan Harikrishna Apte Prize Fund	10,000.00
16.	G.S.F.C. Gold Medal in Management	25,000.00



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Institution: John F. Kennedy School of Government, Harvard University

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