36

M.S. University of Baroda
Thirty Sixth
Annual Report
1984-85

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तत्स्वयं योगसंसिद्धः कालेनात्मनि विन्दति ॥

गीता, ४. ३८

"There is nothing sacred like knowledge in the world. One attains it in himself, when time is ripe and when one is united with the Supreme through Yoga."

NOT TO BE ISSUED

36 ANNUAL REPORT 1984 ● 85



सत्यं शिवं सुन्दरम्

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The Maharaja Sayajirao University of Baroda Press (Sadhana Press),
Near Palace Gate, Palace Road, Baroda-1.

OFFICERS OF THE UNIVERSITY

Visitor	Professor K. M. CHANDY (Upto 25-4-1984) Shri B. K. NEHRU (From 26-4-1984) Governor of Gujarat
Chancellor	Shri Fatehsinhrao Gaekwad
Vice-Chancellor	Professor B. C. Parekh (upto 23-11-1984) Professor (Ms.) Amita B. Verma (from 24-11-1984 as Ag. Vice-Chancellor)
Pro-Vice-Chancellor	Professor K. C. Mehta (upto 21-11-1984)
Deans	
Faculty of Arts	Professor A. P. Rana
Faculty of Science	Professor V. V. Modi
Faculty of Education and Psychology	Professor D. B. Desai
Faculty of Commerce	Professor G. C. Beri
Faculty of Medicine	Dr. O. D. Gulati (upto 31-1-1985) Dr. N. R. Mehta (from 1-2-1985)
Faculty of Technology and Engineering	Professor R. C. Patel (upto 15-4-84) Professor Dipak Kumar De (from 16-4-84)
Faculty of Law	Professor H. C. Dholakia
Faculty of Fine Arts	Professor J. D. Patel
Faculty of Home Science	Professor (Ms.) Amita B. Verma
Faculty of Social Work	Shri K. M. Sharma
Faculty of Performing Arts	Professor C. V. Chandrasekhar
Faculty of Management Studies	Professor S. Srikantiah
Registrar	Shri K. A. Amin (upto 18-7-1984) Shri R. V. Kothari (from 19-7-1984)
Librarian	Dr. L. M. Padhya
Principals of Colleges	
Sanskrit Mahavidyalaya	Shri B. P. Pandya
Polytechnic	Professor H. V. Bhavnani (upto 8-11-1984) Shri G. M. Sheth (from 9-11-84 as Incharge Principal)
M. K. Amin Arts and Science College and College of Commerce, Padra	Dr. O. P. Joneja
Commerce College, Tarsali.	Shri A. G. Sandhe
Heads of Recognised Institutions	
Director, Oriental Institute	Professor S. G. Kantawala
Director, Centre for Continuing/ Adult Education and Community Services	Professor (Kum.) Malathi Chakravarty
Director, The Baroda Museum and Picture Gallery	Dr. S. K. Bhowmik

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One could say of Baroda under Shriment Maharaja Sayaji Rao Gaekwad that 'what Baroda does today the rest of India does tomorrow'. Maharaja Sayaji Rao was the first to introduce compulsory primary education in the State in 1906. *He believed that merely literacy would have no value unless some provision is made so that people don't lapse into illiteracy. He therefore started the Library movement which was unique in India. Maharaja Sayaji Rao was responsible for many progressive legislative acts such as the monogamy act, the divorce act etc. The most outstanding legislation was the Purohit act which made it compulsory for every officiating priest to get proper training and to explain the rites of ceremony in the Gujarati language. An elected State legislative assembly was also introduced by him. He encouraged scholars and artists from all over the world to come to Baroda and he made Baroda centre for art, education and culture.*

J. M. MEHTA



INTRODUCTION TO THE ANNUAL REPORT

On behalf of the Syndicate, I have great pleasure in presenting to the Senate the Thirty-Sixth Annual Report of the University for the year 1984-85. Though I was not witness to or a participant in the developmental activities of the University during the period under review—for I assumed the Office of Vice-Chancellor in April, 1985—I am in a position to commend the achievements of the University on several fronts during the year. Since then we have kept up the progress.

More significant among the achievements was the establishment of the Faculty of Management Studies which was inaugurated by Shri B. K. Nehru, Visitor of the University and the Hon'ble Governor of Gujarat. The demand for trained personnel in management areas related to complex technological advances and the changing economic order, is acute. We believe that the Faculty will meet the demand for trained Managers in industry and business in and around Baroda.

Another important event during the year was the introduction of a Post-graduate course in Bio-technology with financial support amounting to Rs. 97.84 lacs from the U.G.C. and the National Bio-technology Board. Very few Universities in the country can boast of a teaching programme in this latest field of technological development.

No less significant are the schemes sanctioned by the U.G.C. for various Departments in several Faculties of the University. The U.G.C. approved the VIth Five Year Plan schemes for Technology and Engineering at a cost of Rs. 56.10 lacs. While the Department of Geology received a grant of Rs. 37.94 lacs under the Special Assistance Programme, the Department of Child Development was awarded an amount of Rs. 16.21 lacs by the U.G.C. under the Departmental Research support scheme. Besides, a number of National and International Seminars were held during the year under report.

I am happy to mention that Extra Mural and Youth activities were given adequate attention during 1984-85. A number of N.S.S. camps were organised in villages, which provided valuable services to the rural people. The Physical Education Department conducted various Sports activities the more important event, an international one, being the Basket Ball Test Match between India and Russia played on the University Court.

In this survey, I cannot forget to mention the implementation of the Scheme of Merit Promotion. Proposed by the U.G.C., the scheme was promptly accepted by the Government of Gujarat. The Government deserves to be commended for removing, to a great extent, stagnation in the matter of promotions. Under the scheme 72 Lecturers were promoted to the post of Reader and 25 Readers to the post of Professor. Another important benefit which accrued to the academic community was the implementation of the Pension Scheme. Thanks to the efforts of the Teachers' Organisations in the State, the Government sanctioned the Pension Scheme for teachers. The Scheme was promptly approved by the Senate and the University implemented it without delay.

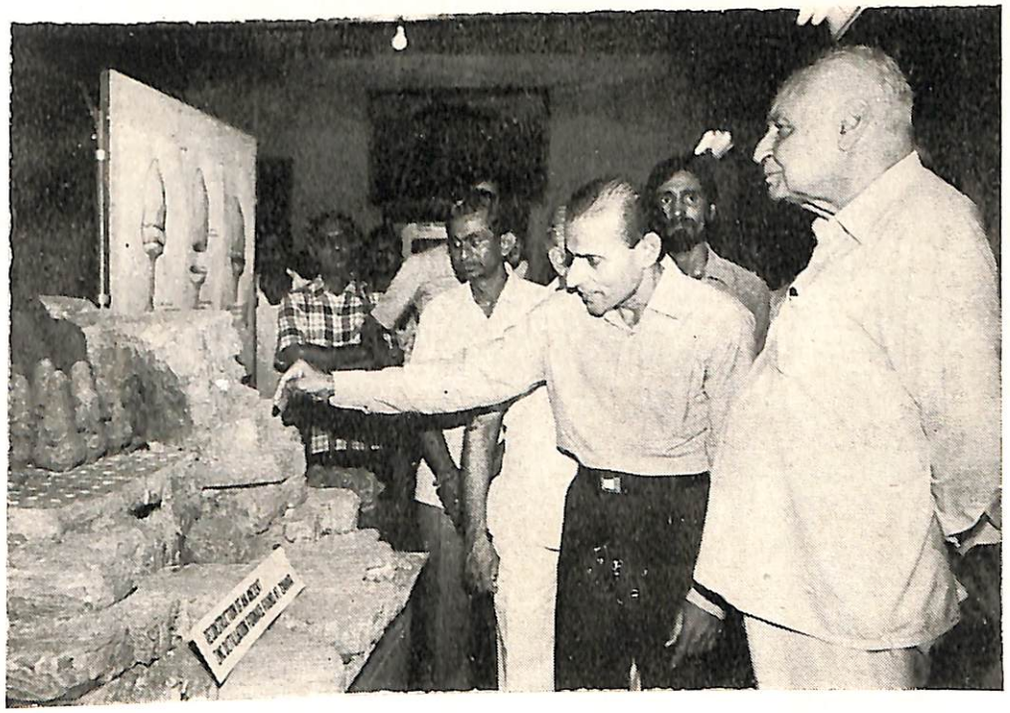
While we can look back on some of these achievements with satisfaction, I must mention with regret that some of the old problems still remain with us. The University and Faculty Offices continue to be short of personnel and equipment. Inadequate housing for both academic and administrative staff is another source of anxiety. Often we have failed to attract talent for want of accommodation.

Some of the teaching Departments are grossly understaffed and ill equipped. The University by itself cannot solve these problems without adequate financial support from the Government. These problems are, of course, common to all the Universities in the State and we propose to work in close co-operation with other Universities to impress on the Government the need for adequate financial support to the Universities.

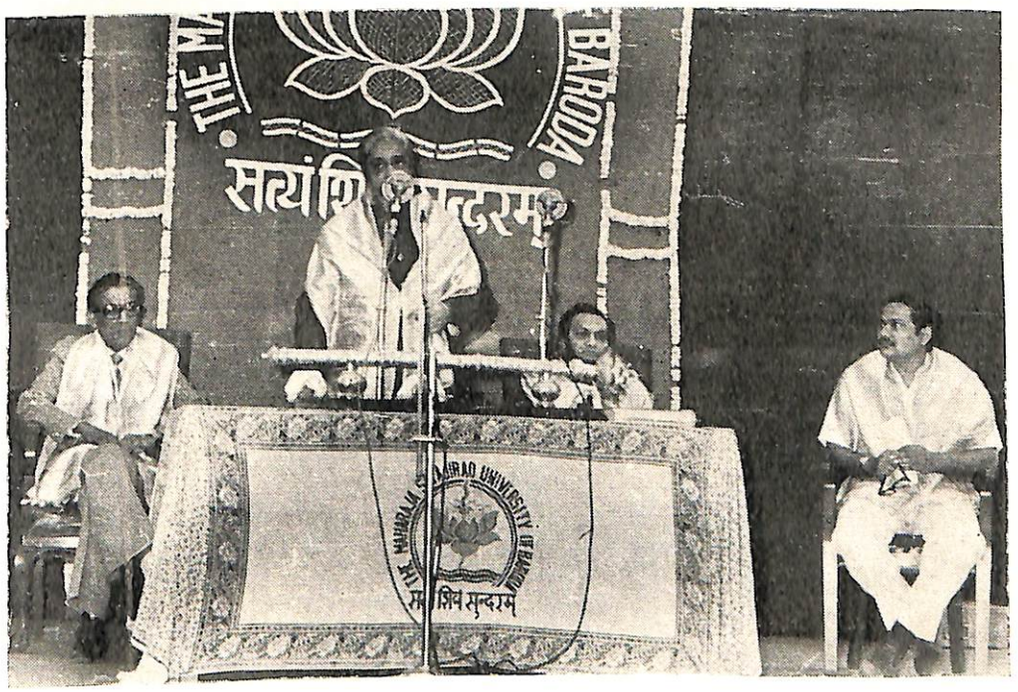
While we do not allow our achievements to breed a sense of complacency, nor do we allow undue permission to blent our determination to overcome the pending problems. A premier educational institution like ours has to strive ceaselessly and keep up the good work. A University is a torch-bearer to Society. Therefore, the three major components of the University—Teachers, Students, Administrators—should strive hard to keep the image of the University shining. The joint efforts of all the three alone can lead this University, a gift of the great Sayajirao to the world, in its onward march on the path of progress and help it scale new heights of success and glory.

Vadodara,
17th December, 1985.

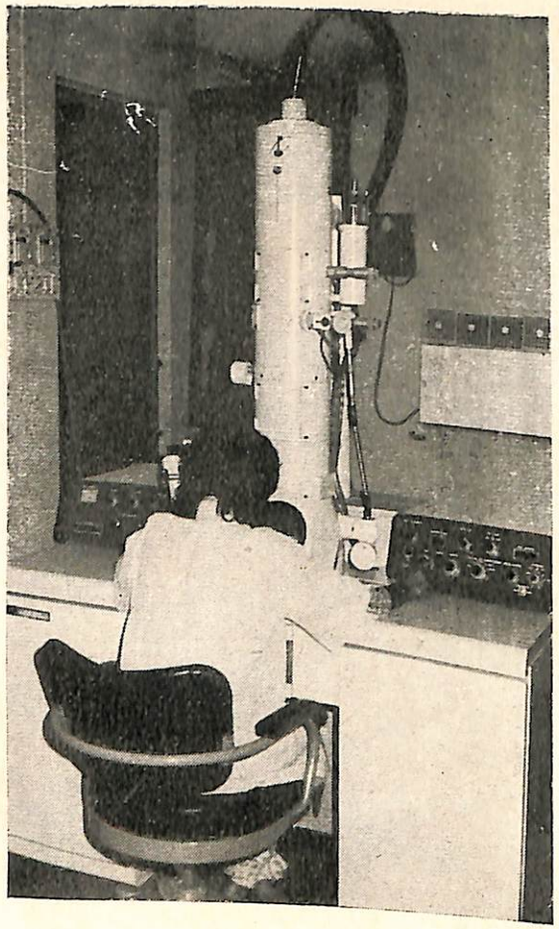
DR. M. N. DESAI
Vice-Chancellor



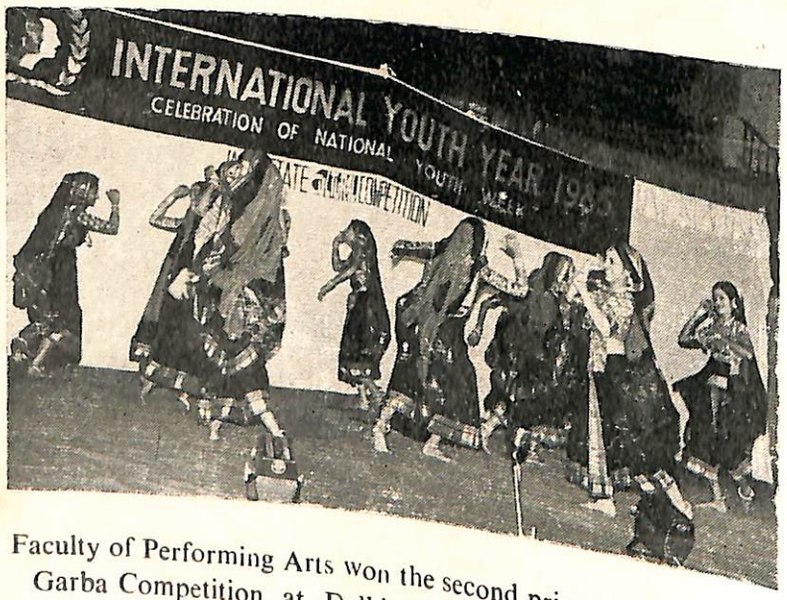
Visit of His Excellency, the Governor of Gujarat, Shri B. K. Nehru to the Department of Archaeology and Ancient History in the Faculty of Arts on 16th July 1984.



Shri Fatehsinhrao Gaekwad, Chancellor, delivering the Convocation Address at the thirty fourth annual convocation held on 21st November, 1984.



Blectron Microscope Model JEM- 100 SX, JEOL, costing approximately Rs. 15 lakhs, installed in the Department of Microbiology.



Faculty of Performing Arts won the second prize at the Inter State Garba Competition at Delhi as part of the IYY Programme.

CHAPTER I

GENERAL

CHAPTER 1

1. Institutions in the University :

Constituent and Recognised Institutions (Under Sections 42 and 69 of the Act).

(1) Faculty of Arts, (2) Faculty of Science, (3) Faculty of Education and Psychology, (4) Faculty of Commerce, (5) Faculty of Medicine, (6) Faculty of Technology and Engineering, (7) Faculty of Fine Arts, (8) Faculty of Home Science, (9) Faculty of Social Work, (10) Faculty of Law, (11) Oriental Institute, (12) Faculty of Performing Arts, (13) Faculty of Management Studies, (14) Baroda Sanskrit Mahavidyalaya, (15) M. K. Amin Arts and Science College and College of Commerce, Padra, (16) Commerce College, Tarsali, (17) Polytechnic, (18) Museum and Picture Gallery, (19) Centre for Continuing/Adult Education and Community Services.

2. Number of Students :

The number of University students during the year was 20,536 (13,203 men students and 7333 women students) that of Non-University students was 2042. (1326 men students and 716 women students). The details of the students are given in Appendices I (b) and VII.

The number of students belonging to the Scheduled Castes during the year was 450 while that of Scheduled Tribes was 258. There were also 183 students in various Faculties/Institutions who belong to Socially and Economically Backward Class (Baxi Punch). 36 disabled students were admitted. The year under report recorded 129 foreign students coming from wide variety of countries admitted in various fields of studies.

3. Convocations :

The Thirty-fourth Annual Convocation was held on the University Garden, Baroda on Wednesday, 21st November 1984. The Chancellor presided and delivered the Convocation Address. 4,432 Degrees and Diplomas were conferred.

4. Special Features of the Year :

(i) *New Courses :*

The details of new courses are given in the reports of respective Faculties.

(ii) *Conferences, Seminars and Workshops* :

Seminars conducted during 1984-85 with the financial assistance from the U.G.C. :

(1) Regional Workshop on Thrust Areas on Research in Home Science
(2) National Conference on Human Resources Development in Psychology

(iii) Special Lectures for the Year 1984-85.

Tagore Chair in Humanities :

Professor G. E. S. Hayward, Professor of Political Science, University of Hull, U.K. delivered five lectures under this endowment at the Faculty of Arts between 6-8-1984 and 10-8-1984.

(iv) "The Faculty of Management Studies" was inaugurated by the Governor of Gujarat, Shri B. K. Nehru on 16-7-84.

(v) As the Scheme of Merit Promotion was to end by 31-3-1985, efforts were made to give maximum advantage of the Scheme to all eligible teachers. In view of this, in addition to the number of meetings held during the year, a series of meetings of the Selection Committees were also held within two days, viz. on 30th & 31st March, 1985 by working around the clock. 54 selections were made during these two days and placed before the Syndicate on 31-3-85 for approval:

(vi) The University Grants Commission gave its approval for various development programmes as shown below.

(1) Biotechnology NBTB/UGL Collaborative Programme in the Faculty of Science, 29th January 1985 :
Rs. 44.00 Lakhs Non-Recurring
Rs. 53.84 Lakhs Recurring
Total : Rs. 97-84 Lakhs

(2) Development of Engineering & Technology during Sixth Plan Period in the Faculty of Tech. & Engg. **4th May.** 1984 :
Rs. 800.00 Lakhs Spillover
Rs. 14.00 Lakhs First Charge
Rs. 54.75 Lakhs Equipment Books etc.
Total. Rs. 148.75 Lakhs

(3) COSIST Programme in Geology Department in the Faculty of Science, 29th Jan. 1985.

(a) Rs. 0.50 Lakhs Strengthening of Post-Graduate Education.

(b) Rs. 37.45 Lakhs Strengthening of Research Facilities in the area of Quaternary Geology.

Total Rs. 37-95 Lakhs

(4) Programme of Departmental Research Support (DRS) for Department of Child Development in the Faculty of Home Science, 16th Jan., 1985.
Rs. 2.10 Lakhs Recurring
Rs. 8.915 Lakhs Non-Recurring
Rs. 3.20 Lakhs Laboratory Facilities/Test and Equipment.
Total Rs. 14.21 Lakhs

(vii) *Development Schemes* :

Several schemes for development and research were financed by the University Grants Commission, our University, Ministries of the Central Government, Departments of the Gujarat Government, Indian Council of Scientific and Industrial Research (CSIR), Indian Council of Social Science Research (ICSSR), Indian Council of Medical Research (ICMR), Indian Council of Agricultural Researeh (ICAR), United States Department of Agricultural (USDA), Indian Space Research Organization (ISRO), Department of Science and Technology (DST) and several other agencies during the year. The details are given in Chapter V.

(viii) *Buildings :*

During the VIth Five Year Plan period, the U.G.C. and the State Government together Sanctioned Building Grant worth Rs. One Crore (approximately) for different works under different Schemes. The details are as under :

1 University Guest House
2 Extension to different Deptts. of Fac. of Tech. & Engg.
3 Extension to different Deptts. of Fac. of Science
4 Extension to different Deptts. of Fac. of Fine Arts
5 Extension to different Deptts. of Fac. of Home Science
6 Extension to Men's Hostel
7 Extension to Women's Hostel
8 Extension to Political Science and Faculty of Arts
9 Extension to different Deptt., Fac. of Performing Arts (Music College)
10 Construction of Lecturers and Readers Quarters

11 Extension to Health Centre
12 Purchase and Installation of Ceiling Fans in Halls of Residence
13 Improvement facilities in various Hostels
14 Improvement of Infrastructure and Standard of Under-graduate Education

(ix) *Silver Jubilee Fund 1984-1985*

Receipts	*Rs.*	*Ps.*	*Payments*	*Rs.*	*Ps.*
Opening balance	80,57,395-22		Expenditure on Research Schemes including general collection, financed under the Silver Jubilee Fund.	3,12,552-23	
Interest	8,42,902-31		Donation refunded to M/s Jyoti Ltd., Baroda.	1,00,000-00	
Re-imbursement of the expenditure incurred towards the Research Scheme "Development of Ferro-Fluids and their applications" out of the Donation of Rs. 1,00,000/- from M/s Jyoti Limited, Baroda.	28,507-60		Advance due from Reserve Bank of India, Bombay towards the expenditure on the Scheme "Research Cell in Banking for the years"		
				Rs.	
			1983-84	33,239-41	
			1984-85	10,077-80	
				43,317-21	
			Closing Balance	4,55,869-44	
Total	89,28,805-13			84,72,935-69	
			Total	89,28,805-13	

(x) *The following teachers were nominated by the University Grants Commission as 'National Lecturers' during the year under report :*

(1) Prof. (Mrs.) Amita Verma—Dean, Faculty of Home Science.
(2) Prof. Desai D. B.—Dean, Faculty of Education & Psychology.
(3) Prof. Chandrashekhar C. V.—Dean, Faculty of Performing Arts and Head of Dept. of Dance
(4) Prof. Tara Gopaldas—Head, Dept. of Foods and Nutritions, Faculty of Home Science.

5. Teaching Staff :

The teaching staff excluding teachers in the Medical College consisted of 136 Professors, 290 Readers (including Heads of Dept. in Poly.), 454 Lecturers, 96 Teaching Assistants, 47 Part-Time, 14 Honorary and 454 Research and Others. The Total being 1037 (Appendix XV).

6. Facilities to the Teaching Staff for Further Studies :

(i) Teachers who are granted facilities for participation in Conferences and Seminars etc. in India and Abroad during the year 1984-85 :

Sr. No.	*Name*	*Purpose*
1.	Agrawal Y. K. Prof. and Head, Pharmacy, Tech. and Engg.	To attend the 36th Indian Pharmaceutical Congress at Bangalore from 9-11 Feb., 1985.
2.	Agrawal S. K. Prof. in Metallurgical Engg., Tech. & Engg.	To attend (1) 34th Annual Convention of the Institute of Indian Foundrymen at Bombay from 1–4 Feb., 1985 and (2) Symposium on Recent Development in Welding Metallurgy and Processes by Board of Research in Nuclear Science D.A.E. and Indian Institute of Welding at Bombay from 5–7 Feb., 1985.
3.	Agrawal R. K. L. Padmini Applied Prof. of Physics, Tech. and Engg.	To attend Workshop on Medical Ultrasonics Measurements at National Physical Laboratory, New Delhi from 1–2 March, 1985.
4.	Ahmed Iftikhar History, Arts	To attend the Indian History Congress. 45th Session at Annamalai University, Chidambaram, Tamilnadu, from 27–29 Dec., 1984.
5.	Arasad L. H. H. Reader in App. Physics, Fac. of Tech. and Engg.	To attend XVI National Seminar on Crystallography at Delhi from 2–4 Jan. 1985.
6.	Asnani M. V. Reader in Zoology, Fac. of Science	To attend Symposium on Comparative Endocrinology at Banaras Hindu University, Varanasi from 29–31 Dec., 1984.
7.	Banerjee S. K. Prof. of Pharmaceutical Chemistry, Faculty of Tech. & Engg.	To attend 36th Indian Pharmaceutical Congress at Bangalore from 9-11 Feb., 1985.
8.	Balaraman R. Reader in Pharmacology, Fac. of Tech. & Engg.	To attend Asian Congress at Pharmacology at New Delhi from 15-19 January, 1985.

Sr. No.	Name	Purpose
9.	Balaram R. Reader in Pharmacology, Tech and Engg.	Annual Conference of the Association of Physiologists and Pharmacologists of India at Goa from 23-25 Nov., 1984.
10.	Bajpai Gita History, Arts	To attend the Indian History Congress, 45th Session at Annamalai University, Chidambaram, Tamilnadu.
11.	Baxi R. K. Tutor in P. & S. M., Medical College	To attend XV Annual Conference of Indian Association of PSM at Mysore from 11-13 Jan., 1985.
12.	Bhatt I. D. Reader in Psychology, Faculty of Edu. and Psy.	To attend the 21st Annual Conference of the Indian Academy of Applied Psychology at New Delhi from 25-27 May, 1984.
13.	Bhatt V. P. Reader in Physics, Faculty of Science	22nd National Seminar on Crystal Growth at Anna University, Madras from 27-30 August, 1984
14.	Bhatt N. M. Reader in Civil Engg. Fac. of Tech. and Engg.	To attend 72nd Session of Indian Science Congress at Lucknow from 3-8 Jan., 1985.
15.	Bhatt Bhagvatiprasad N., Research Officer, Oriental Institute	To attend 32nd All India Oriental Conference at Gujarat University, Ahmedabad from 28–30 Dec., 1984.
16.	Bhatt V. P. Reader in Physics Dept., Faculty of Science	To attend XVI National Seminar on Crystallography at Delhi from 2-4 January, 1985.
17.	Bhatt I. D. Reader in Psychology, Fac. of Edu. & Psy.	To attend Indian Science Congress at Lucknow from 2–8 January, 1985.
18.	Bhatt J. D. Asstt. Professor of Pharmacology	To attend Asian Congress at Pharmacology at New Delhi from 15-19 January, 1985
19.	Bhatt R. D. Prof. of Civil Engg., Tech. & Engg.	To attend the Seminar on Recent Development in Construction Techniques ann Management at Dehradun from 22-24 Feb., 1985.
20.	Bhan Kuldeep K.	To attend the Joint Session of XVI, XI and VIII Annual Conference of IAS, ISPQS and ISCS at Gauhati from 9–12 Dec., 1984.
21.	Bhattacharya P. K. Head, Chemistry Fac. of Science	To attend 21st Annual convention of Chemist at Jadavpur University, Calcutta from 14-19 Oct., 1984
22.	Bhattacharya S. D. Lecturer in Textile Chemistry, Fac. of Tech. and Engg.	To attend the Annual Paper meeting of Textile Engineering Division Institution of Engineers (India) at Calcutta from 29-30 Dec., 1984.
23.	Chaulkar B. N. Prof. of Clothing Textile, Fac. of Home Sci.	Seminar on Production and Utilization of Animal Fibres at CSWRI, Avikangar (Rajasthan) from 20-22 Aug., 1984
24.	Chandra Arvind Prof. of Education & Extension, Faculty of Home Science	Indian Science Congress at Lucknow from 3–8 Jan., 1985.
25.	Chavda V. K. Prof. of History, Fac. of Arts	To attend the Indian History Congress, 45th Session at Annamalai University, Chidambaram, Tamilnadu, from 27–29 Dec., 1984.
26.	Chamyal L. S. Teaching Asstt., Fac. of Science	To attend (1) National Seminar on Himalayan Crystallines Metamorphies and Structures at Delhi from 28-30 Dec., 1984, (2) Indian Science Congress at Lucknow from 3-8 Jan., 1985.
27.	Chhatpur H. S. Reader in Microbiology Dept., Fac. of Science	To attend Association of Microbiologists at India at Pantnagar from 2–9 December, 1984.
28.	Chudasama Uma V. Lect. in Chemistry Fac. of Science	To attend 21st Annual convention of Chemist at Jadavpur University, Calcutta from 14-19 Oct. 1984.
29.	Chauhan B. C. Reader in Zoology, Fac. of Science	To attend Symposium on Comparative Endocrinology at Banaras Hindu University, Varanasi from 29–31 Dec., 1984.

Sr. No.	Name	Purpose
30.	Chauhan L. N. Asstt. Prof. of Obstetrics and Gynaecology, Medical College	To attend the Second National Congress on Fertility and Sterility and Family Welfare at Nagpur—from 23-24 Feb., 1985.
31.	Daftuar C. N. Reader in Psychology, Faculty of Edu. & Psy.	To attend the 21st Annual Conference of the Indian Academy of Applied Psychology at New Delhi from 25-27 May, 1984.
32.	Daftuar C. N. Reader in Psychology, Fac. of Edu. & Psy.	'Sub-Continental Conference' of the Indian Psychological Association, Bodh-Gaya at Gaya from 16–18 Oct., 1984.
33.	Daftuar C. N. Reader in Psychology, Fac. of Edu. & Psy.	To attend 72nd Annual Conference of the Indian Science Congress and Annual Meeting of the Indian Conference of the Indian Biological Association at Calcutta from 1–7 Jan., 1985.
34.	Darji A. B. Reader in Physics,	To attend Third Symposium on Lasers and Application at I.I.T., Kanpur from 16-21 Dec., 1984
35.	Dalal Katayun Lect. in English, Padra College	To attend the 35th All India Teachers Conference at University of Poona, Pune from 1-3 Dec., 1984.
36.	Deshpande Uma S. Reader in Sanskrit, Faculty of Arts.	(i) To attend VI World Sanskrit Conference at Philadelphia, U.S.A. from 13-20 October, 1984. (ii) To deliver some lectures at Bharatiya Vidya Bhavan, London (U.K.)
37.	Deshpande Prabhakar W., Lect. in Physics, Fac. of Science	To attend XVI National Seminar of Crystallography, Deptt. of Physics and Astrophysics, University of Delhi, Delhi.
38.	Desai H. S. Prof. of Physics, Fac. of Science.	To attend National Workshop Atomic & Molecular Physics at Tata Institute of Fundamental Research at Bombay from 17–21 December, 1984.
39.	Desai S. J. Reader in Geology, Fac. of Science	To attend the V Indian Geological Congress at Bombay from 19–21 Dec., 1985.

Sr. No.	Name	Purpose
40.	Desai C. F. Temp. Lect. in Physics, Faculty of Science	22nd National Seminar on Crystal Growth at Anna University, Madras from 27-30 August, 1984
41.	Desai C. F. Lecturer in Physics Dept., Faculty of Science	To attend XVI National Seminar on Crystallography at Delhi from 2-4 January, 1985.
42.	De Dipak Kumar Prof. of Text. Engg., Dean, Tech. & Engg.	To attend the 26th Joint Technological Conference at Ahmedabad on 7–8th Feb., 1985.
43.	Devi G. N. Lecturer in English, Faculty of Arts.	To attend "European Association for Common Wealth Literature and Language Studies Conference" near Barcelona in Spain from 6-13 April, 1984.
44.	Durvasula R. S. Tutor in P. & S.M., Medical College	To attend XV Annual Conference of Indian Association of PSM at Mysore from 11-13 Jan., 1985.
45.	Emannal Neela Teaching Asstt. in Chemistry Fac. of Science	To attend 21st Annual Convention of Chemist at Jadavpur University, Calcutta from 14-19 Oct., 1984
46.	Gadgeel V. L. Prof. of Metallurgy Deptt., Tech. & Engg.	To attend the Symposium on Computer Modllinge and Application in Metallurgical Research and Industry Co. at BARC, Bombay from 14–15 March, 1985.
47.	Gandotra Veena Lect. in Home Management, Home Science	To attend the workshop on Appropriate Technology for North Western Rural Households at Hissar, Haryana from 22–23 March, 1985.
48.	Gokhale S. A, History, Arts	To attend the Indian History Congress, 45th Session at Annamalai University, Chidambaram, Tamilnadu, from 27-29 Dec., 1984.
49.	Gulati O. D. Head, Deptt. of Pharmacology and Dean, Medical College	To attend the Asian Congress of Pharmacology at New Delhi from 14–19 January, 1985.

Sr. No.	Name	Purpose
50.	Hans Rajkumar History, Arts	To attend the Indian History Congress, 45th Session at Annamalai University, Chidambaram, Tamilnadu, from 27-29 Dec., 1984.
51.	Jain N. K. Reader in Pharmacy, Faculty of Tech. & Engg.	To attend the 36th Indian Pharmaceutical Congress at Bangalore from 9-11-Feb., 1985.
52.	Jayshree De Lecturer on Geography, Faculty of Science	To attend the "International Geographical Unions Symposium on Health in the Tropics : Geographical Perspectives" at Lusaka, Zambia from 20-22 April, 1984.
53.	Joneja O. P. Principal, Padra College	To attend the 35th All India Teachers Conference at University of Poona, Pune from 1-3 Dec., 1984.
54.	Joneja O. P. Lecturer in English, Faculy of Arts Edu. and Psy.	To attend a Workshop in Commonwealth Literature at Mysore from 14-19 May, 1984.
55.	Joshi T. R. Reader in Applied Physics, Faculty of Tech. and Engg.	To attend International Conference on Luminescence (ICL-84) at University of Wisconsin—Madison from 12-18 August, 1984.
56.	Joshi D. A. Lecturer in English, Faculty of Arts	New Writing in Afric Conference at London from 1-4 November, 1984
57.	Joshi H. M. Reader and Head, Deptt. of Philosophy.	59th Session of Indian Philosophical Congress at Jabalpur (Madhya Pradesh) from 27-30 Dec., 1984.
58.	Kaur Ranjit Lect. in Pharmacy, Fac. of Tech. and Engg.	To attend Asian Congress at Pharmacology at New Delhi from 15-19 January, 1985
59.	Karanthy R. V. Lect. in Geology, Faculty of Science	To attend V Indian Geological Congress at I.I.T., Powai, Bombay from 19-21 Dec., 1984.

Sr. No.	Name	Purpose
60.	Khanel Deepak Archivest. Faculty of Fine Arts	To attend II Internal Conference, S.A.R.A.S. at Lucknow from 17-22 September, 1984.
61.	Khanna S. M. Lect. in Pharm. Analysis Dept., Fac. of Tech. & Engg.	To attend 36th Indian Pharmaceutical Congress at Bangalore from 9-11 Feb., 1985.
62.	Kotecha P. V. Associate Prof. in Preventive & Social Medicine, Medical College	To attend XV Annual Conference of Indian Association of PSM at Mysore from 11-13 Jan., 1985.
63.	Kumar Ravindra History, Arts	To attend the Indian History Congress, 45th Session at Annamalai University, Chidambaram, Tamilnadu, from 27-29 Dec., 1984.
64.	Mathew K. S. Reader in History, Faculty of Arts	International Conference on Indian Ocean Studies at Pertu (W. Australia) from 4-12 December, 1984
65.	Mani U. V. Lect. of Foods & Nutrition, Faculty of Home Science	The Society of Biological Chemistry (India), 53rd Annual Meeting at Delhi from 12-14 Oct., 1984.
66.	Maheswari Prof. of Accounts, Fac. of Management Studies	To attend XV Annual Conference of Indian Association for Management Development (Regd.) at Madurai from 17-18 Dec., 1984.
67.	Mazumdar V. S. Tutor in P. & S.M., Medical College	To attend XV Annual Conference of Indian Association of PSM at Mysore from 11-13 Jan., 1985.
68.	Mahmad S. Hasan History, Arts	To attend the Indian History Congress, 45th Session at Annamalai University, Chidambaram, Tamilnadu, from 27-29 Dec., 1984.
69.	Mathew K. S. History, Arts	To attend the Indian History Congress, 45th Session at Annamalai University, Chidambaram, Tamilnadu, from 27-29 Dec., 1984.
70.	Menon Jaishri Lect. in Zoology, Fac. of Science	To attend Symposium on Comparative Endocrinology at Banaras Varanasi from 29-31 Hindu University, Dec., 1984.

Sr. No.	Name	Purpose
71.	Mehta J. H. Lect. in Elect. Engg., Tech. and Engg.	To attend the Annual Paper Meeting at Bangalore from 19-20 Jan., 1985.
72.	Mehta Y. A. Asstt.Librarian, Tech. and Engg.	To attend the National Conference on Industrial Engineering–Profession and Education at Bombay from 7–9 Feb., 1985.
73.	Mehta K. C. Pro-Vice–Chancellor	To attend the Annual Conference of the IUCCER at Madurai from 17-18 Dec., 1985.
74.	Merh S. S. Head, Deptt. of Geology, Fac. of Science	To attend the Golden Jubilee Meeting of the Indian Academy of Science at Bangalore from 6-8 February, 1985.
75.	Misra S. N. Reader in Chemistry, Fac. of Science.	To attend the Indian National Science Congress at Lucknow from 3–8 Jan., 1985.
76.	Mohite D. H. Reader in Political Science	To attend the XIX Annual Conference Indian Association of American Studies at Uni. of Bombay.
77.	Modi Bharati V. Reader & Head, Deptt. of Linguistics, Fac. of Arts	To attend National Seminar on Tense and Aspect in Indian Languages at Hyderabad from 11-12 January, 1985.
78.	Modi B. V. Reader and Head, Linguistics Deptt., Faculty of Arts	To participate in the pannel on the Development of Scientific Registers in Indian Languages of Sixth Asia Language Analysis (SAEA) Round Table", Austin, Texas from 25-27 May, 1984.
79.	Nanavati R. F. Reader in Sanskrit, Faculty of Arts	VI World Sanskrit Conference at Philadelphia from 13-20 October, 1984
80.	Nair Kanaklaxmi B. Lect. in Chemistry, Faculty of Science	21st Annual Convention of Chemistry at Jadhavpur University, Calcutta from 14–19 October, 1984.
81.	Nadvi Salma Lect. in Home Management, Home Science	To attend the Workshop on Appropriate Technology for North-Western Rural Households at Hissar, Haryana from 22-23 March, 1985.

Sr. No.	Name	Purpose
82.	Oza G. M. Reader in Botany, Faculty of Science	To attend International Conference to Environmental Education at Bornff, Alberates, Canada from 5-9 October, 1984
83.	Oza G. M. Reader in Botany, Faculty of Science	To participate in International Workshop on Development of Biosphere Stability at New Delhi from 1-5 June, 1984 and Shrinagar from 6-8 June, 1984.
84.	Pantham Thomas Prof., Political Science, Faculty of Arts.	To attend " 7th Annual Scientific Meeting of the International Society of Political Psychology at Toronto (Canada)
85.	Pandit Kalpana M. Lecturer in Psychology, Faculty of Edu. and Psy.	To attend the 21st Annual Conference of the Indian Academy of Applied Psychology at New Delhi from 25-27 May, 1984.
86.	Panikar Shivaji, Teaching Assistant, Faculty of Fine Arts	To attend II Internal Conference, S.A.R.A.S. at Lucknow from 17-22 September, 1984.
87.	Pai K. Baba Reader in Metallurgy, Faculty of Tech. & Engg.	Annual Technical Meeting of Electro-Chemicals Society of India, I.I.Sc., Bangalore from 19-20 July, 1984
88.	Parikh Piyush Prof. and Head of App. Mech., Faculty of Tech. and Engg.	Indian Geotechnical Conference at Calcutta from 21-24 Dec., 1984.
89.	Pandor G. A. History, Arts	To attend the Indian History Congress, 45th Session at Annamalai University, Chidambaram, Tamilnadu, from 27-29 Dec., 1984.
90.	Pandya Kaushik D. Tutor in Physiology Fac. of Medicine	XXX Annual Conference of the Association of Physiologists and Pharmacologists of India at Goa from 23-25 Nov., 1984.
91.	Pandya J. R. Prof. of Phy. Dept., Fac. of Science	To attend XVI National Seminar on Crystallography at Delhi from 2-4 January, 1985.
92.	Pandya G. R. Reader in Physics Dept., Fac. of Science	To attend XVI National Seminar on Crystallography at Delhi from 2-4 January, 1985.

Sr. No.	*Name*	*Purpose*
93.	Pandya G. R. Reader in Physics, Faculty of Science	22nd National Seminar on Crystal Growth at Anna University, Madras from 27-30 August, 1984
94.	Pandya Dinesh C. Research Officer, Pharmacology, Sheth UPAR Unit	To attend Asian Congress at I.P.S at New Delhi from 15-19 January, 1985
95.	Padhya M. A. Reader in Botany, Fac. of Science	10th Plant Tissue Culture Association Meeting at Jaipur from 2–4 Feb., 1985.
96.	Padmaja V. T. Teaching Asstt., Fac. of Arts	To attend the Indian History Congress at Chidambaram from 27–29 Dec., 1984.
97.	Parthasarthy G.S. Reader in Civil Engg., Fac of Tech. and Engg.	To attend the Annual Paper Meeting of Civil Engineering Division of the Institution of Engineers (India) at Calcutta from 13-14 Jan., 1985.
98.	Parthasarthy G. S. Reader in Civil Engg., Fac. of Tech. & Engg.	To attend 72nd Session of Indian Science Congress at Lucknow from 3–8 Jan., 1985.
99.	Pathak N. S. Prof. & Head Deptt. of Psychology, Fac. of Edu. & Psy.	To attend International Conference at Para-Psychology at Andhra University, Waltair, Vishakhapatnam from 7–8 Jan., 1985.
100.	Patel P. V. Lec. in Zoology, Fac. of Science	To attend Symposium on Comparative Endocrinology at Banaras Hindu University, Varanasi from 29–31 Dec., 1984.
101.	Patel M. P., Reader in Geology, Fac. of Science	To attend the V Indian Geological Congress at Bombay from 19–21 Dec., 1984.
102.	Patel M. A. Lect. in History, Padra College	To attend Indian History Congress at Chidambaram, Tamilnadu from 27-29 Dec., 1984.
103.	Patel M. A. History, Arts	To attend the Indian History Congress, 45th Session at Annamalai University, Chidambaram, Tamilnadu, from 27-29 Dec., 1984.

Sr. No.	*Name*	*Purpose*
104.	Patel U. R. History, Arts	To attend the Indian History Congress, 45th Session at Annamalai University, Chidambaram, Tamilnadu, from 27-29 Dec., 1984.
105.	Parmar N. B. Reader in Civil Engg., Fac. of Tech. & Engg.	To attend the Golden Jubilee Celebration of Indian Roads Congress at Lucknow from 2–7 Feb., 1985.
106.	Parmar N. B. Reader in Civil Engg., Tech. & Engg.	To attend the Seminar on Recent Development in Construction Techniques and Management at Dehradun from 22-24 Feb., 1985.
107.	Parlikar R. K. Reader, Psychology. Fac. of Edu. & Psy.	To attend Indian Science Congress at Lucknow from 2–8 January, 1985.
108.	Pillo Bonny Reader in Zoology, Fac. of Science	To attend Symposium on Comparative Endocrinology at Banaras Hindu University, Varanasi from 29–31 Dec., 1984.
109.	Pramar V. S. Prof. and Head, Deptt. of Architecture, Fac. of Tech. and Engg.	To attend the All India Workshop on Architectural Education at Hyderabad from 19-21 Jan., 1985.
110.	Pratha Pasenan G. Reader in Botany, Faculty of Science	The Society of Biological Chemistry (India) 53rd Annual Meeting at Delhi from 12-14 Oct., 1984.
111.	Puranik S. A. Prof. & Head of Chemical Engg. Dept., Fac. of Tech. & Engg.	To attend 37th Annual Session of Indian Institute of Chemical Engineers at Delhi from 17–20 Dec., 1984.
112.	Rangaswamy Vimala, Reader in Geography, Faculty of Science	To attend and participate in the 25th International Geographical Congress at Utrecht in Holland and for presenting two papers i.e. one at Gothengon (W. Germany) and another in Paris (France) during August-Sept. 1984.
113.	Ramchandran A. G. Reader in Zoology, Faculty of Science	IV All India Symposium on Reproductive Biology and Comparative Endocrionology at Madras from 7-8 June, 1984.

Sr. No.	Name	Purpose
114.	Ramchandra A. V. Reader in Zoology, Fac. of Science	To attend Symposium on Comparative Endocrinology at Banaras Hindu University, Varanasi from 29–31 Dec., 1984.
115.	Rajgopal T. Asstt. Prof. in P. & S.M. Medical College	To attend XV Annual Conference of Indian Association of PSM at Mysore from 11-13 Jan., 1985.
116.	Rakshit A. K. Reader in Chemistry, Faculty of Science	21st Annual Convocation of Chemistry at Jadhavpur University, Calcutta from 14-19 October, 1984.
117.	Ram R. N. Lect. in Chemistry, Faculty of Science	21st Annual Convocation of Chemistry at Jadhavpur University, Calcutta from 14-19 October, 1984.
118.	Rana H. S. Lect. in Chemistry, Faculty of Science	21st Annual Convention of Chemistry at Jadhavpur University, Calcutta from 14-19 October, 1984.
119.	Rathod C. S. Prof & Head, Co-operation Fac. of Commerce	To attend Indian Society for Studies in Co-operation at Pune from 20–22 Oct., 1984.
120,	Rajani Giridhar Lect. in Pharmacy, Faculty of Tech. & Engg.	To attend 36th Indian Pharmaceutical Congress at Bangalore from 9-11 Feb., 1985.
121.	Rao K. K. Reader in Microbiology of Pharmacy, Fac. of Tech. and Engg.	To attend the 36th Session of the Indian Pharmaceutical Congress Association at Bangalore, 9-11 Feb., 1985.
122.	Rastogi A. K. Temp. Lect. in Civil Engg., Faculty of Tech. and Engg.	Dicennial Convention and International Seminar on Exploration Geo-physics at Hyderabad from 26-28 Oct., 1984.
123.	Rastogi D. K. Temp. Lect. in Civil Engg., Tech. and Engg.	To attend the International Conference on Computer Aided Analysis in Civil Engineering at Roorkee from 29-1-1985 to 2-2-1985.

Sr. No.	Name	Purpose
124.	Rastogi A. K. Temp. Lect. in Civil Engg. Tech. and Engg.,	To attend the Annual Paper Meeting, the Institution of Engineers (India) at Calcutta from 9–10 March, 1985.
125.	Rawal Anantray J. Reader in Sanskrit, Faculty of Arts	To attend 10th Annual Conference of Gujarat State University and College Sanskrit Teachers Association at Keshod from 3-5 March, 1984.
126.	Sabnis S. D. Prof. of Botany, Fac. of Science	To attend Indian Science Congress at Lucknow from 3-7 Jan. 1985,
127.	Dr. S. D. Subnis Professor of Botany, Fac. of Science	To attend the All India Symposium Phytochemistry in relation to Botanical Classification at Bhagalpur from 17-19 Feb., 1985.
128.	Shah V. M. Head, Deptt. of Mathematics, Faculty of Science	To attend a special meeting at Lucknow on 12-13 June, 1984
129.	Shah V. M. Prof. & Head, Deptt. of Maths., Fac. of Science	To attend 50th Conference of the Indian Mathematical Society, S. P. University at Vallabh Vidyanagar from 6-8 February, 1985.
130.	Shah A. N. Reader in Geology, Faculty of Science	To attend V Indian Geological Congress at I.,T.I. Powai, Bombay from 19-21 Dec., 1984.
131.	Shah D. K. Reader in Statistics, Fac. of Tech. and Engg.	To attend 23rd Indian Economic Conference at Hyderabad from 3–5 January, 1985.
132.	Shah R. C. Lecturer in Physics Dept., Faculty of Science	To attend XVI National Seminar on Crystallography at Delhi from 2-4 January, 1985.
133.	Shah N. R. Reader in Physics, Fac. of Science	To attend Third Symposium on Lasers and Application at I.I.T., Kanpur from 16-21 Dec., 1984
134.	Shah P. M. Reader in Physics, Fac. of Science	To attend Third Symposium an Lassers and Application at I.I.T., Kanpur from 16-21 Dec., 1984

Sr. No.	Name	Purpose
135.	Shah Rajni J. History, Arts	To attend the Indian History Congress, 45th Session at Annamalai University, Chidambaram, Tamilnadu, from 27-29 Dec., 1984.
136.	Shah B. N. Reader in English, Fac. of Arts	To attend the Indian Association of American Studies at Bombay from 11–13 March, 1985.
137.	Shah Amrish Reader in Chemistry, Fac. of Science	To attend 21st Annual Convention of Chemist at Jadavpur University, Calcutta from 14-19 Oct. 1984.
138.	Shah D. P. Lect. in Civil Engg., Tech. and Engg.	To attend the Seminar on Recent Development in Construction Techniques and Management at Dehradun from 22–24 Feb., 1985.
139.	Shah G. N. Lect. in Civil Engg., Faculty of Tech. & Engg.	To attend the Seminar on Recent Development in Construction Techniques and Management at Dehradun from 22-24 Feb., 1985.
140.	Shah R. C. Lect. in Physics, Faculty of Science	22nd National Seminar on Crystal Growth at Anna University, Madras from 27-30 August, 1984
141.	Sharma W. D. History, Arts	To attend the Indian History Congress, 45th Session at Annamalai University, Chidambaram, Tamilnadu, from 27-29 Dec., 1984.
142.	Sharma B. D. Reader in Hindi, Faculty of Arts	National Gujarat Hindi Pradhyapak Parishad at Rajpipla from 25–27 January, 1985.
143.	Sharma S. N. Prof. of Plastic Surgery, Medical College	To attend the Annual Conference of Association of Surgeons of India at Lucknow from 26-30 Dec., 1984.
144.	Shringarpure D. M. Reader in Geology, Faculty of Science.	Attended the "Third Symposium on Merozoie Terrestrial Ecosystems (Von Hueve—Symposium) at the Institute and Museum for Geologic and Palaontologic", Der Universitat, Tubingen, W. Germany from 6-11-Sept., 1985.
145.	Shroff Arvind Prof. of App. Mech., Fac. of Tech. and Engg.	Indian Geotechnical Conference at Calcutta from 21-24 Dec., 1984.

Sr. No	Name	Purpose
146.	Shukla D. S. Head, Deptt. of Hindi, Fac. of Arts	To attend the Gujarat Hindi Pradhyapak Parishad at Rajpipla from 25-27 Jan., 1985.
147.	Shukla D. S. Reader and Head, Department of Hindi, Faculty of Arts	To attend 30th Session of Bharatiya Hindi Parishad at Aurangabad from 2-4 June, 1984.
148.	Shukla H. J. Reader in Mech. Engg., Tech. & Engg.	To attend the National Solar Energy Convention, 1984 at Bhopal from 10–12 Feb., 1985.
149.	Singh Harjit Lect. in Bio-Chemistry, Faculty of Science	Mahabaleshwar Seminar on Modern Biology at Rishi Valley School, Chittor (A.P.) from 22-30 Sept., 1984.
150.	Sinha R. N. P. Prof. and Head, Deptt. of Geography, Fac. of Science	To attend the Geographing and Teaching and Environment at Pune from 14-17 Feb., 1985.
151.	Sinha R.N.P. Prof. and Head, Geography, Science.	To attend the Advance Level Institutes in Geography Maga University at Bodh-Gaya from 4–29 Feb., 1985.
152.	Sonawane V. H. Reader in Archaeology, Fac. of Arts	To attend the Joint Session of XVI, XI and VIII Annual Conference of IAS, ISPQS and ISCS at Gauhati from 9-12 Dec., 1984.
153.	Sreehari M. Prof. & Head, Statistics Dept., Fac. of Science	To attend 13th Annual Conference of the Gujarat Statistical Association at Bilimora from 25-26 Dec., 1984.
154.	Srinivasan Kamala, Reader in Home Management, Faculty of Science	National Conference on Women's Studies at Trivendrum from 9-12 April, 1984.
155.	Srinivasan Kamala, Reader in Home, Management, Home Science	To attend the women and the Household Regional Conference for Asia at Delhi from 27–1–1985 to 1–2-1985.

Sr. No.	Name	Purpose
156.	Subrahmanyam H. Prof. of Chemical Engg., Fac. of Tech. and Engg.	To attend 37th Annual Session of the Indian Institute of Chemical Engineers at New Delhi from 17–20 Dec., 1984.
157.	Sutaria P. N. Reader in Civil Engg., Fac. of Tech. and Engg.	To attend 72nd Session of Indian Science Congress at Luknow from 3-8 Jan., 1985.
158.	Taragopaldas Prof. and Head, Foods and Nutrition, Faculty of Home Science	To attend "9th International Congress" at Toronto (Canada) from 1-6 July, 1984.
159.	Teredesai P. L. Lect. in Commerce incl. Bus. Admn., Fac. of Commerce	To attend 72nd Session of Indian Science Congress at Lucknow from 3–8 Jan., 1985.
160.	Trivedi K. N. Prof. of Chemistry Dept., Fac. of Science	To attend International Symposium on Current Concepts in Design and Development at Lucknow from 29-31 December, 1984.
161.	Trivedi K. N. Prof. of Chemistry, Science	To attend the National Symposium on Mewar Trends in Synthetic Heterocyclic Chemistry at Jaipur from 6-9 Feb. 1985.
162.	Thaker N. N. Lecturer in Chemistry, Faculty of Science	XV National Seminar on Crystallography and Special Symposium at Bangalore from 17-19 April, 1984.
163.	Thakkar B. B. Lect. in Physics, Faculty of Science	22nd National Seminar on Crystal Growth at Anna University, Madras from 27-30 August, 1984
164.	Tiwari R. S. Associate Professor, E.N.T., Medical College	To attend 37th Annual Conference of ADI at New Delhi from 5-8 January, 1985
165.	Tondon Sushma, Tutor in Anaesthesiology, Medical College	To attend XXXIII Annual Conference of I.S.A. at Madurai from 26-29 Dec., 1984.

Sr. No.	Name	Purpose
166.	Vanikar Renu V. Reader in English, Faculty of Arts	(i) To attend some courses at the IESOL summer meeting at Oregon State University, U.S.A. from 11-14 July, 1984. (ii) To attend some courses at the Summer Institute organised on the same Campus by English Language Institute for the period from 16-7-1984 to 3-8-1984.
167.	Vyas R. Dy. Director, Oriental Institute	VI World Sanskrit Conference at Philadelphia from 13-20 October, 1984
168.	Vyas M. C. Lect. in Physics, Faculty of Science	22nd National Seminar on Crystal Growth at Anna University, Madras from 27-30 August, 1984
169.	Vyas P. D. Reader in Civil Engineering, Faculty of Tech. and Engg.	To attend the Annual Paper Meeting of Civil Engineering Division of the Institution of Engineers (India) at Calcutta from 13-14 Jan., 1985.
170.	Vyas Jyoten P. Lect. in Geography, Fac. of Science	To attend I.I.G. Meet at Tirupati from 10-12 January, 1985.
171.	Vyas D. D. Teaching Asstt. in Physics, Faculty of Scienec	22nd National Seminar on Crystal Growth at Anna University, Madras from 27-33 August 1984

(ii) Teachers granted Sabbatical Leave under 0.209 E during the year under report :

Sr. No.	Name	Department	Faculty	Purpose	Period
1.	Shah Maya	Economics	Arts	To enable her to accept the award of Common Wealth Academic Staff Fellowship in U.K.	26-9-84 to 25-9-85

(iii) Teachers granted Study Leave under O. 209 F during the year under report :

Sr. No.	*Name*	*Department*	*Faculty*	*Purpose*	*Period*
1.	Patel V. K.	History	Arts	To enable her to complete Ph.D. Work.	1-1-84 to 30-6-85
2.	Rajaram N.	Sociology	Arts	—do—	19-11-84 to 30-6-85
3.	Patel R. V.	Chemical Engg. Dept.	Tech. & Engg.	—do—	3-1-84 to 30-4-85
4.	Parikh S. N.	Law	Law	—do—	1-7-84 to 30-6-85
5.	Kapoor Neena	Child Development	Home Science	—do—	19-11-84 to 30-4-86
6.	Shah Parul	Dance	Performing Arts	To enable her to study Dancing in the University of Madison, U.S.A.	1-8-84 to 31-7-85
7.	Shah Amita K	Child Development	Home Science	To enable her to join Ph.D. Course at the University of Illiones, U.S.A.	10-8-84 to 9-8-86
8.	Das Gupta Defal	Russian	Arts	To enable him to do Ph.D. work.	1-2-85 to 31-3-86
9.	Bhagat Nita	Gujarati	Padra College.	—do—	1.3.85 till the end of 1st Term.

6-B National and International level Awards, Prizes etc.

The detaails are given in the respective Faculties/Institutions.

7. University Examination Results

67 candidates were declared qualified for the award of Ph.D. Degree of the University during the year 1984-85. The statements showing their names, subjects and titles of the thesis are given in Appendix. XI.

The statements showing the University Examinations results of (i) March-April-May-June 1984 and (ii) October-November 1984 are given in Appendices XII and XIII.

8 Endowments and Donations

The Syndicate accepted the following donations during the year :

Sr. No.	*Name of the Fund*	*Amount of Donation Rs.*	*Purpose*
1.	Acharya Allauddin Music Circle Gold Medal donated by the President of Acharya Allauddin Music Circle (Bombay).	20,000/-	For awarding every year a Gold Medal at the Annual Convocation to Regular Student who passes the M.Mus. (Music) Examination held by the M. S. University of Baroda in March/April in First Class, at the first attempt, obtaining the highest number of marks in aggregate thereat.
2.	Shri Rusi Contractor Smark Oration, donated by the President, Rusi Contractor Smarak Samati, Vadodara.	15,000/-	For inviting bi-annually, a reputed scholar and thinker to deliver the Oration on "Fundamental Rights in Democracy".
3.	The Gujarat Samachar (England) Scholarship for M.B.A. Students, donated by Mr. C. B. Patel of London.	60,000/-	For awarding four or more Scholarships of equal amounts, to students of Master of Business Administration (First and/or Second Year) on the basis of merit and need.
4.	Dr. M. S. Patel Chair in Environmental Science, donated by the Executors and Trustees on the will of Late Dr. M. S. Patel (Bombay)	5,00,000/-	To institute Dr. M. S. Patel Chair in Environment Science in the Professor's rank for the following areas by rotation : A—Earth Sciences B—Botany-Zoology Disciplines and C—Microbiology-Bio-Chemistry-Chemistry Organic.

Sr. No.	*Name of the Fund*	*Amount of donation Rs.*	*Purpose*
5.	(i) Dr. M. S. Patel Post-Graduate Scholarships	1,00,000/-	For awarding two scholarships to be known as Dr. M. S. Patel Post-Graduate Scholarships of Rs.- 3,000/-each to two students of the M.Sc. (Previous) Class of the ten Departments of the Faculty of Science who pass the M.Sc. (Previous) Examination held by the M. S. University of Baroda in March/April at first attempt with highest number of aggregate marks at the University Examination and enrol in the M.Sc. (Final) Class in the succeeding academic year in the Faculty of Science of the M. S. University of Baroda.
	(ii) Dr. M. S. Patel Prizes at Under Graduate		Eight prizes of Rs. 600/- each for awarding to the students of the First Year B.Sc. Class with Botany, Chemistry, Geography, Geology, Mathematics, Physics, Statistics and Zoology as the Principal Subjec and who pass with 60% marks at the first attempt and get the highest aggregate total number of marks at the F.Y.B.Sc. Examination in the three subjects (one Principal and two Subsidiary Subjects) held by the M. S. University of Baroda in March/April if he/she carries in the S.Y.B.Sc. class in the succeeding academic year in the Faculty of Science.
6.	Dr. M. S. Patel Fellowship in Environmental Engineering	1,00,000/-	For awarding a Fellowship of Rs. 1,100/- p.m. for a period of sixteen months. The recipient of the award will be selected by a Selection Committee consisting of the Dean, Faculty of Technology and Engineering, Head, Civil Engineering Department and Professor of Environmental Engineering Science. Out of the candidates with at least 60% marks and who is admitted to M.E. (Environmental Engineering)

Sr. No.	*Name of the Fund*	*Amount of donation Rs.*	*Purpose*
7.	**Durga Karnik Prize for Vocal Music donated by Kum. Durga Ganesh Karnik of Vadodara.**	6,000/-	For awarding a cash prize to a regular student who has passed the Final Year B. Mus. (Vocal) Examination conducted by the M. S. University of Baroda in March/April at the first attempt in First Class, obtaining the highest number of marks thereat.
8.	Dr. Chandubhai Vaghjibhai Amin Memorial Prize donated by Smt. Vimlaben Chandubhai Amin, Baroda.	10,000/-	For awarding a prize in cash, to a student of regular batch who passes the Final M.B.B.S. Examination held by the M. S. University of Baroda at the first attempt, obtaining the highest number of marks in the subject of Obstetrics and Gynaecology at the said examination.
9.	Dr. M. S. Patel Scientific Research and Research Development Fund	3,00,000/-	For funding certain innovative research programmes and also for overcoming the difficulties faced by individual departments in strengthening the present research activities, in the Faculty of Science to the extent of income to be earned by way of interest on donation.

9. Finances of the University

(*i*) *Capital Accounts :*

Statement showing the income and expenditure of the (i) University General Fund, (ii) Ayurvedic Research Fund, (ii) Post-graduate Instruction and Research Fund during the financial year 1984-85 are given, in Appendix XX.

(*ii*) *Revenue Accounts* :

The receipts and disbursements during the financial year 1984-85 were Rs. 6,71,74,938-44 and Rs. 7,27,999,13-27 respectively leaving a deficit of Rs. 56,24,974-83. The details are given in Appendix XXI.

(*iii*) *Grants* :

The University received grants totalling Rs. 1,26,70,699-90 for Development Schemes from the University Grants Commission and the Government of Gujarat and for various research schemes from the Central Ministries, State Government and outside Agencies. The details are given in Appendix XXII.

10. Construction Division

(i) *Capital Work :*

The Division supervised the work of various buildings and amount spent for the same was Rs. 35,70,025.51 and Rs. 5,00,000.00 for fans. Total Rs. 40,70,025.51 was spent during the year on Capital Works.

(ii) *Ordinary and Special Repairs*

The expenditure on ordinary repairs during the year was of Rs. 8,62,293.43 and on special repairs was of Rs. 1,039.55.

(iii) *The Construction Committee*

There were many demands for repairs in buildings from various institutions. A Special Committee was appointed under the Chairmanship of Shri Harivadan G. Parikh to look into these demands and take necessary action. Accordingly 96 works were carried out and Completed the estimated cost of about Rs. 12 lacs. The details of the work done is given in the appendix No. XXIII.

Over and above this, few more works at the approximate cost of about Rs. 2 lacs were also carried out.

11. General Education Building

The building which was once a beautiful monument of this University was totally neglected and was uncared or several years. The Auditorium in this building was in very bad shape. Due to the prompt actions taken by the University authorities, the whole building could be given a total face lift. Today, the building has Faculty of Management. Studies, F.Y.B.Com. Unit and the Auditorium in good working condition. Very soon this auditorium will have its own 5 KW Emergency Generator fitted. This auditorium has also been provided with a Lounge and various other facilities.

The Stage and Auditorium

The entire outlook of the Auditorium is changed. The chairs are repaired and new colourful outlook is given. On the stage, lighting facilities and sound facilities are made technically uptodate by providing new lighting tools and sound equipments. Makeup rooms are made clean and neat. It is waiting for more facilities. A new cooler has been provided and a small cafetaria is now available attached to the Lounge.

Our Auditorium is one of the best in the entire country, as far as the acoustic is concerned. Many things are still to be done to make this Auditorium and the Stage uptodate.

Another novel feature of the General Education Building is the **RETREAT** with nice landscaping and garden served by General Education Building cafeteria.

The university could make a big saving by giving a face lift to the General Education Building. All unused and broken furniture could be repaired and given to various other Faculties who needed it.

Another outcome of this was establishment of AICS Centre in the Hobby Workshop opposite General Education Building which was not used for a few years.

CHAPTER II

THE SYNDICATE AND THE SENATE

CHAPTER II

1. The Syndicate

The Syndicate consisted of 25 members. The following persons were the members of the Syndicate :

1. * Professor B. C. Parekh, Vice-Chancellor
   [2] Professor (Smt.) Amita B. Verma, Ag. Vice-Chancellor
2. ** Professor K. C. Mehta, Pro-Vice-Chancellor
3. Director of Higher Education
4. Director of Technical Education
5. Director of Health, Medical Services and Education
6. Professor D. B. Desai
   [1] Professor V. V. Modi
7. Professor H. C. Dholakia
8. Professor V. N. Kothari
9. + Professor H. V. Bhavnani
   Dr. O. P. Joneja
10. Shri Charan Singh Chawla
    [3] Shri H. B. Zaveri
11. Shri N. D. Chokshi
12. £ Shri R. P. Gaekwad
    [1] Smt. Aruna S. Mehta
13. [3] Dr. N. D. Desai
    [1] Shri A. M. Mehta
14. [3] Shri M. D. Parikh
    [1] Shri G. B. Nimbalkar

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* Ceased to be a member from 24-11-1984
[2] Became Ag. Vice-Chancellor from 24-11-1984
** Ceased to be a member from 21-11-1984
[3] Ceased to be a member from 4-3-1985
[1] Became member from 4-3-1985
\+ Ceased to be a member from 9-11-1984
£ Ceased to be a member from 17-6-1984

15. Shri D. K. Patel
16.[3] Professor (Smt.) Amita B. Verma
[1] Professor Rumy J. Mistry
17. Dr. R. F. Patel
18. Dr. (Miss) Jayshree P. Mehta
19. Shri J. R. Shah
20.[3] Shri H. J. Parikh
[1] Dr. R. P. Bhatt
21.[3] Shri A. S. Navale
[1] Dr. I. D. Bhatt
22. Dr. S. M. Purohit
23. Shri Mahendrasinh Chauhan
24. Professor O. H. Patel
25. Professor S. K. Shah

During the year, the Syndicate held 26 meetings (10 Ordinary and 16 Special) at which 1040 items were considered and resolutions were passed on them. Some of the important items regarding institution of Pension Scheme for teachers, establishment of the Faculty of Journalism, Institution of Chairs of Professors of Journalism were discussed and recommended to the Senate, while the decision was taken about the establishment of a Fund called 'Post-Graduate Research and Instruction' under 0.224A to cover the expenses in the form of financial assistance for travelling and other expenses, etc. connected with research work and/or attending academic Conference/Seminar/Workshop of higher learning in India and abroad and Rs. 1 lakh has been earmarked for the purpose.

2. The Senate

The Senate consisted of 88 members. The changes in the membership during the year were as under :

The following persons ceased to be the members of the Senate :

1. Professor B. C. Parekh, Vice-Chancellor
2. Professor K. C. Mehta, Pro-Vice-Chancellor
3. Shri K. A. Amin, Registrar
4. Shri B. K. Sinha
5. Dr. J. R. Pathak
6. Shri B. P. Pandya
7. Dr. O. D. Gulati
8. Professor H. V. Bhavnani

[1] Became member from 4-3-1985
[3] Ceased to be a member from 4-3-1985

9. Shri D. H. Mohite
10. Shri Yogesh Akolkar
11. Shri Chinnam Gandhi
12. Dr. J. M. Lohar
13. Shri C. N. Patel
14. Dr. S. M. Purohit

The following persons became members of the Senate :

1. Shri R. V. Kothari, Registrar
2. Shri Avinash Kumar
3. Professor Dipak Kumar De
4. Dr. O. P. Joneja
5. Dr. N. R. Mehta
6. Dr. R. T. Vyas
7. Dr. R. K. Parlikar
8. Shri Pankaj Kharchikar
9. Shri Sanjay Parekh
10. Dr. Jatin V. Modi
11. Prof. R. J. Mistry

The following is the list of members of the Senate as on 31-3-1985 :

1. Shri Fatehsinhrao Pratapsinhrao Gaekwad, Chancellor
2. Prof. (Smt.) Amita B. Verma, Ag. Vice-Chancellor
3. Professor P. J. Madan
4. Shri R. V. Kothari
5. Dr. L. M. Padhya
6. Shri Sudhir G. Mankad
7. Professor S. B. Kumta
8. Dr. O. P. Gupta
9. Chairman, Gujarat Secondary Education Board
10. Shri Avinash Kumar
11. Professor A. P. Rana
12. Professor V. V. Mody
13. Professor D. B. Desai
14. Professor G. C. Beri
15. Dr. N. R. Mehta
16. Professor Dipak Kumar De
17. Professor H. C. Dholakia
18. Professor J. D. Patel
19. Professor (Smt.) Amita B. Verma
20. Shri K. M. Sharma
21. Professor C. V. Chandrasekhar

22. Professor S. Srikanthiah
23. Shri B. P. Pandya
24. Dr. O. P. Joneja
25. Dr. (Miss) Malathi Chakravorty
26. Professor S. G. Kantawala
27. Dr. S. K. Bhowmik
28. Professor V. N. Kothari
29. Professor R. J. Mistry
30. Her Highness Maharani Shantadevi Gaekwad of Baroda.
31. Shri Morarji R. Desai
32. Shri I. C. Patel
33. Shri K. K. Shah
34. Dr. J. V. Modi
35. Dr. R. K. Parlikar
36. Shri Pankaj Kharchikar
37. Shri Sanjay Parekh
38. Professor R. N. Mehta
39. Professor H. P. Chokshi
40. Dr. R. F. Patel
41. Professor R. C. Patel
42. Professor M. J. Bhatt
43. Shri A. Pepalla
44. Dr. R. P. Bhatt
45. Dr. I. D. Bhatt
46. Dr. D. S. Pathak
47. Dr. (Miss) Jayshree P. Mehta
48. Shri J. C. Rathod
49. Shri R. M. Pndya
50. Dr. (Kum.) Nalini Ogale
51. Shri A. S. Navale
52. Shri H. J. Parikh
53. Shri J. R. Shah
54. Shri N. C. Shukla
55. Shri N. K. Anadkat
56. Dr R. T. Vyas
57. Shri M. D. Parikh
58. Dr. N. D. Desai
59. Shri K. G. Patel
60. Shri M. R. Patel
61. Dr. J. H. Sheth
62. Shri J. B. Rajput

63. Shri H. B. Zaveri
64. Shri G. B. Nimbalkar
65. Smt. Amarjyoti B. Patel
66. Shri J. S. Shah
67. Shri C. S. Chawla
68. Shri P. L. Patel
69. Shri C. H. Rao
70. Shri D. K. Patel
71. Shri H. A. Contractor
72. Shri N. D. Chokshi
73. Shri M. C. Pathak
74. Smt. Pupul Jaykar
75. Shri Raojibhai C. Patel
76. Shri A. G. Patel
77. Shri R. M. Pancholi
78. Professor S. S. Merh
79. Shri N. A. Parikh
80. Shri R. P. Gaekwad
81. Smt. Arunaben S. Mehta
82. Dr. B. S. Verma
83. Shri R. M. Valiulla
84. Shri R. M. Atalia
85. Shri A. M. Mehta
86. Shri A. B. Patel
87. Shri A. M. Shah
88. Shri D. G. Jadhav

The Senate met twice during the year, Viz:-on 1st March 1985 and 27th March 1985 and was attended by 81 and 61 members respectively.

Meeting of 1st March 1985

Elections of Two Deans, one Principal of the Constituent Colleges, six persons who are neither teachers nor employees or students of the University or of the Colleges, five teachers of the University other than Deans, Heads of Departments and Principals of the constituent colleges to the Syndicate, five teachers to the Council of Post-Graduate Studies and Research, election of one member from amongst the members of the Faculty of Medicine of the University by the members of the Senate to the Medical Council of India, and election of two members on the Board of Extra Mural Studies and three members on the Board of Accounts were held.

Meeting of 27th March 1985

Fourteen members were assigned the Faculties. The Annual Report for the year 1983-84, the Annual Accounts for the year 1983-84, the Annual Financial Statement comprising the revised estimates for the year 1984-85 and the Budget Estimates for the year 1985-86 as set out in details were approved. Replies to questions and supplementary questions were given. The Ordinances passed by the Syndicate were noted except the Ordinances 198-BA, 198-BB and 260-C which were referred back to the Syndicate for reconsideration. The proposals to amend Statute 128 regarding rotation of Headship, Statute 193-A regarding superannuation age of employees, and Statute 209 regarding pension, gratuity and other retirement benefits to the teachers of the University as per Government Resolution dated 15th October 1984 were considered and passed. The proposals for the establishment of the Faculty of Journalism and also establishment of two Chairs of Professors in Journalism were approved. The proposal for the institution of posts in the Faculty of Arts, Faculty of Science, Faculty of Commerce, Faculty of Technology and Engineering, M. K. Amin Arts and Science College and College of Commerce, Padra, and Commerce College at Tarsali were considered and passed. Proposal for the Institution of the Chair, Medals, Scholarships and Prize were also passed.

CHAPTER III

OTHER AUTHORITIES OF THE UNIVERSITY

CHAPTER III

Council of Post-Graduate Studies and Research

The Council of Post-Graduate Studies and Research met on 27th April, 1984; 5th September, 1984; and 12th January, 1985. The following were the Principal items considered and recommended by the Council and approved subsequently by the Syndicate.

(i) On the recommendation of the Committee the Council considered and recommended for sanction (a) 15 proposals for continuation of the various Research Schemes previously approved, and (b) 24 New Research Schemes for 1985-86.

(ii) Rules for sanctioning Financial Assistance for Research Schemes were revised. It was decided that from 1985-86 no Scheme be considered for sanction for more than one year. It was also decided that the allocation of grant be done under 3 Heads viz. (1) Research Assistant's Salary (2) Field work/Travelling (3) Contingency Grant up to the celling of Rs. 7,000/- instead of under 2 Heads viz. (i) Research Assistant's Salary and (ii) Contingency Grant.

(iii) The present Ordinance relating to the Degree of the Master of Philosophy in the Faculty of Arts was amended in the matter of appointment of Board of Referees in line with the Ph.D. Ordinances.

(iv) It was decided that the Power of making appointments of Research Assistants approved for the Research Scheme financed by the University be delegate to the Deans of Faculties and Heads of Institutions concerned.

(v) The question of recognition as a Ph.D. Guide of a teacher who is himself a Ph.D. student was discussed and it was decided that a teacher should not at the same time be both a Ph.D. student and an active Ph.D. guide as it would be very difficult for a full time teacher to devote himself to his duties both as a Research Guide and a Research Student simultaneously.

(vi) In persuance of the Council's decision to incorporate the provision regarding the appointment of Co-guides the Committee's report on the procedure of recognition and appointment of co-guide was accepted and approved and O.Ph.D.1 (ix) was amended accordingly.

(vii) The existing O.Ph.D.9 (i) was amended making provision for at least six names (instead of four) to be recommended by the Council of Post-Graduate Studies and Research from the panel prepared by the relevant Board of studies specifying specialization/sub-specialization of each of the persons on the panel for appointing a Board of referees of 3 members by the Vice-Chancellor.

(viii) It was decided that the procedure be so formulated as to ensure that the entire process from submission of the thesis by the candidate to the viva-voce test be completed within a period of six months. Appropriate time limit should be clearly indicated to the referes for accepting the work and for submitting the report on the thesis.

(ix) It was decided that the internal referrees be paid remuneration of Rs. 100/- as minimum Rs. 100/- are paid to an internal examiner who acts as the Chairman of the Board of Examiners in the University Examination.

(x) The Council also considered and recommended for approval the items of panels of referees to examine the Ph.D. thesis in different subjects, recognition of teachers as Post-graduate teachers for guiding students for Ph.D. Degree, Extension of period to submit thesis under O.Ph.D.4 (iii), registration of students for Ph.D. Degrees under O.Ph.D.1 (viii) etc.

2. **Faculties :**

There are twelve faculties in the University. Their meetings were held during the year as shown below :

Sr. No.	*Name of the Faculty*	*Date of Meeting*
1	Faculty of Arts	28.02.1985
2	Faculty of Science	14.03.1985
3	Faculty of Fine Arts	19.02.1985
4.	Faculty of Performing Arts	12.03.1985
5.	Faculty of Commerce	19.03.1985
6.	Faculty of Medicine	25.01.1985
7.	Faculty of Home Science	26.03.1985
8.	Faculty of Technology and Engineering	28.07.1984

Faculty of Arts :

(1) Introduction of Urdu as an Optional subject at F.Y.B.A. and the Syllabus for the same were approved.

(2) (a) Text books for F.Y.B.A. (Compulsory) and F.Y.B.A. (Optional) in Gujarati were prescribed.

(b) Text books for F.Y.B.A. (Compulsory) and T.Y.B.A. (Major) in Marathi were prescribed.

(c) Text books for various courses in English were prescribed.

(3) Introduction of French as a Major as well as Minor subject at S.Y.B.A., T.Y.B.A., Diploma and Post Diploma level was approved.

(4) (a) Syllabus for S.Y.B.A. (Minor) Paper I in History was approved.

(b) Syllabus for M.A. (Principal) course in Linguistic was revised.

(c) Syllabi for S.Y.B.A. (Major) Paper I and II in Mathematics were revised.

(5) Introduction of Master of Library and Information Science course was approved.

(6) The name of the Degree of Library Science Course was changed to Bachelor of Library and Information Science.

(7) The course for M.A. in Political Science was amended in view of the U.G.C. Special Assistance Programme.

(8) The rules for admission to M.A. Part-I (Economics) were revised.

(9) The existing four optional groups at T.Y.B.A. in Psychology were restructured.

(10) Introduction of Viva-voce examination for M.A. (Psychology) as a part of Dissertation was approved.

(11) The Proposal regarding the use of calculators at T.Y.B.A. and M.A. (Psychology) examinations was approved.

N.B. :—The recommenations are approved by the Syndicate.

Faculty of Science :

(i) The nomenelature of Post M.Sc. Diploma in Nutritional Bio-chemistry- (DNB) was changed to Post. M. Sc. Diploma in Bio-Chemistry and Nutrition.

(ii) Papers of the Post-M.Sc. Diploma in Nutritional Bio-Chemistry course were restructured.

(iii) The Scheme of giving dissertation work to the M.Sc. (Final) in Chemistry was introduced.

(iv) The syllabi of (a) Mathematics of S.Y.B.Sc. (Subsidiary) Papers I, II and III and T.Y.B.Sc. (Principal) Papers I and II, (b) Physics of S.Y.B.Sc. (Subsidiary) and (c) Geography of M.Sc. (Previous) Paper V were revised.

(*Note:*—These recommendations are approved by the Syndicate.)

Faculty of Fine Arts :

*(i) The course No. 458-H i.e. Project Work for "Influences of Indian Art outside India" prescribed for final year B.A. (Fine) Art History was deleted and the marks for course No. 458 were split into 40% for assignment and 60% for University examination.

*(ii) The grant of exemption from attending compulsory practical training of six weeks to the students who have undergone museum training of atleast of six weeks duration in National Museum in India or abroad and have produced a certificate to that effect, was approved.

(*Note:*—The recommendations marks with *are approved by the Syndicate).

Faculty of Performing Arts:

*(i) It was decided that the S.Y.B.Mus. students who have not cleared their A.T.K.T. subjects are allowed to appear at the final University Examination but they shall not be considered eligible for the award of degree till they clear their A.T.K.T. subject/s and they will also be not eligible for award of any class.

*(ii) The nomenclatures of the Degree and Diplomas awarded by the Faculty of Performing Arts were changed as under and their specialization subjects namely Music-Vocal/Instrument/Sitar etc. Dance-Kathak/Bharat Natyam be also mentioned in their respective degrees and diplomas.

I. Bachelor of Performing Arts (Music/Dance/Dramatics).
II. Master of Performing Arts (Music/Dance/Dramatics).
III. Diploma in Performing Arts (Music/Dance/Dramatics).
IV. Post Diploma in Performing Arts (Dance-Nattuvangum Mrudangum/Dramatics-Acting).

*(iii) The Syllabus of degree and Post-graduate degree courses in Tabla, Vocal and Instrumental Music was revised.

Note:—The recommendations are approved by the Syndicate.

Faculty of Commerce :

(i) The Paper 'Micro Economics' was introduced in place of paper 'Elements of Economic Theory' at F.Y.B.Com. Class.

(ii) The paper 'Public Finance and Social Accounting' was introduced in place of paper 'Principals of Economics Paper I' at S.Y.B.Com. Class.

(*Note:*—These recommendations are approved by the Syndicate.)

Faculty of Management Studies:

The Syllabi for the various subjects and the Ordinances for the two year Degree Course of Master of Business Management (M.B.A.) were approved.

(*Note*:—This recommendation is approved by the Syndicate.)

Faculty of Medicine:

(i) (a) The Syllabi of Physiology and Bio-Chemistry were modified and distribution of Physiology Papers I and II was also modified.

(b) Syllabus of the subject of Statistics for S.Y.B.Physio course was revised.

(ii) The Syllabi and Scheme of examination of all Subjects of Final M.B.B.S. Course were revised as per Medical Council of India recommendations with the suggestions that in the Scheme of Practical examination of Medicine 36 marks be assigned to Paediatrics and the number of examiners be in proportion to marks allotted to each discipline with minimum one in Paediatrics and Orthopaedics.

(iii) It was decided that the Post-graduate students of the Obstetrics and Gynaecology Department should attend the Neonatal Unit. Labour Room well baby Clinic and Postnatal Clinic during their Posting in Obstetrics Ward and the Post-graduate Students of Paediatrics Department should attend Obstetrics Ward, Labour Rooms, well baby Clinic and Post-graduate Clinic during their Posting in Neonatal Section of the Paediatrics Department.

(iv) Report of the Committee in the matter of instituting the new degree viz. M.D. (Maternity and Child Health) was approved.

(v) Introduction of the Post-graduate Diploma Course in Laprosy (Harsen's Disease) was accepted in Principle subject to sanction of requirement of staff, equipment and other financial implication by the Government.

(*Note*:—These recommendations are approved by the Syndicate.)

Faculty of Law :

(i) Proposed amendment to the Bar Council of India Rules regarding five years full time course in Law after 10 + 2 stage was accepted in principle.

However, the implementation will be made only after the approval of the Government for necessary financial assistance.

(ii) Syllabus of the paper in Taxation Law of 2nd LL.B. and Diploma in Taxation Law and Practice were approved.

(*Note:*—These recommendations are approved by the Syndicate.)

Faculty of Home Science :

(i) The nomenclature of the Department of Child Development was changed to the Department of Human Development and Family Studies.

(ii) 'Non-thesis' Programme for M.Sc. (Home) in Child-Development was accepted..

(iii) Equivalence of overall grades for B.Sc. (Home), M.Sc. (Home), Post-graduate Diploma in Pre-school Education were modified.

(iv) Revision of Courses/Credits, etc.

(a) The course on Activities for children of B.Sc. (Home) Programme was divided into Activities for Children I & II.

(b) The distribution of credits of 'Field Work' of the B.Sc. (Home) degree course in Child Development was approved.

(c) The titles of some of the existing courses of the B.Sc. (Home) C.D. and Under-graduate Diploma in Child Development were changed.

(d) The two courses (i) Literature for young children and Story telling and (ii) Music and Drama for young Children of the Pre-School Education were combined into one course - Literature, Music and Drama for Young Children.

(e) Outlines of the Courses offered as electives at B.Sc. (Home) - Foods and Nutrition were modified.

(f) Syllabi of B.Sc. (Home) and M.Sc. (Home) in Clothing and Textiles Programme were revised.

(g) Six credits of Action Project were increased to ten credits for Action Project done by the Master's students of the Home Science Education and Extension Department and Four credits for courses related to Project were deleted.

(*N.B.* : These recommendations are approved by the Syndicate).

Faculty of Technology and Engineering :

The Faculty of Technology and Engineering took the following important decisions at its meeting held on 28th July, 1984 over and above the approval of items of routine nature viz. : (i) Replacing and Shifting of subjects, (ii) Addition/introduction of new subjects in the Four Year Degree courses, (iii) Approval and Revision of the syllabi and the schemes of Teaching and Examinations of various subjects, (iv) Change of title of subjects, etc. :

(a) Following courses were approved academically :

(i) M.E. (Earthquake Engineering)
(ii) Master's Course in Textile Chemistry
(iii) Master's course in Man made Textile Technology
(iv) M.E. (Chemical Engineering - Chemical Plant Design)
(v) Part-time Diploma courses in Petro-chemical Technology
(vi) M.E. (Optical Technology)
(vii) M.E. (Polymer Technology)
(viii) M.E. (Fracture Mechanics)
(ix) M.Pharm. (Pharmaceutical Fermentation Technology)
(x) M.Pharm. (Pharmaceutical Chemistry)
(xi) M.Pharm. (Pharmacology)
(xii) M.Pharm. (Pharmacognosy)
(xiii) M.E. (Mechanical-Turbojet Propulsion)
(xiv) M.E. (Mechanical--Industrial Management)

(b) The following new courses were approved for introduction and implementation from 1984-85 :

(i) Master of Computer Applications
(ii) Post-B.Sc. Diploma in Environmental Science
(iii) Post-B.Sc. Diploma Course in Geotechnique

(*N B* : These recommendations are approved by the Syndicate)

Faculty of Education and Psychology :

(i) O.B.Ed. 3-A, 3-C and 3-E were revised.
(ii) O.M.Ed. 3 was revised.

(Note: These recommendations are approved by the Syndicate.)

3. Boards of Studies :

The 62 Boards of Studies in the different subjects met during the year as shown below :

Sr. No.	*Name of the Board*	*Date of the Meeting*
	Faculty of Arts	
1.	Sanskrit, Pali and Prakrit Languages & Literature	24th September, 1984
2.	Persian, Urdu and Other Asian Languages & Literature	26th November, 1984
3.	Hindi Language & Literature	24th September, 1984
4.	Gujarati Language & Literature	25th September, 1984
5.	Marathi Language & Literature	24th September, 1984
6.	English Language & Literature	26th September, 1984
7.	Modern and Asian European Languages & Literature	26th September, 1984
8.	Sociology	1st October, 1984
9.	History	27th November, 1984
10.	Archaeology, Ancient History and Culture	18th October, 1984
11.	Philosophy	3rd October, 1984
12.	Linguistics	29th September, 1984
13.	Library Science	6th August, 1984 & 10th October, 1984
14.	Political Science	12th October, 1984
15.	Economics	8th October, 1984
	Faculty of Science	
16.	Bio-Chemistry	4th December, 1984
17.	Botany	10th December, 1984
18.	Chemistry	3rd December, 1984
19.	Geography	7th December, 1984
20.	Geology	4th December, 1984
21.	Mathematics	5th December, 1984
22.	Microbiology	4th December, 1984
23.	Physics & Meteorology	3rd December, 1984
24.	Statistics & Actuarial Science	5th December, 1984
25.	Zoology	8th December, 1984
	Faculty of Education & Psychology :	
26.	Education and Educational Administration	16th February, 1985
27.	Psychology	3rd December, 1984

	Faculty of Technology and Engineering	
28.	Applied Mechanics	26th December, 1984
29.	Architecture	27th December, 1984
30.	Chemical Engineering	27th December, 1984
31.	Applied Chemistry	28th December, 1984
32.	Applied Mathematics	28th December, 1984
33.	Applied Physics	28th December, 1984
34.	Civil Engineering	29th December, 1984
35.	Mechanical Engineering	1st January, 1985
36.	Metallurgical Engineering	1st January, 1985
37.	Technology (Textile)	2nd January, 1985
38.	Textile Chemistry	2nd January, 1985
39.	Electrical Engineering and Electronics	2nd January, 1985
40.	Pharmacy	31st December, 1984
	Faculty of Commerce	
41.	Banking and Business Finance	15th October, 1984
42.	Accounts	15th October, 1984
43.	Business Economics	16th October, 1984
44.	Commerce including Business Administration	16th October, 1984
45.	Co-operation	27th October, 1984
	Faculty of Management Studies	
46.	Management Studies	19th October, 1984
	Faculty of Fine Arts	
47.	Painting, Sculpture, Applied Arts, Art History and Graphic Arts	11th October, 1984
48.	Museology	11th October, 1984
	Faculty of Performing Arts	
49.	Music, Dance and Dramatics	12th October, 1984
	Faculty of Home Science	
50.	Child Development	28th November, 1984
51.	Foods and Nutrition	28th November, 1984
52.	Home Science Education and Extension	29th November, 1984
53.	Clothing and Textiles	29th November, 1984
54.	Home Management	30th November, 1984

Faculty of Medicine

55.	Anatomy, Physiology and Bio-Chemistry	18th September, 1984
56.	Surgery and Allied Branches	18th September, 1984
57.	Obstetrics, Gynaecology and Paediatrics	18th September, 1984
58.	Pathology, Microbiology, Pharmacology and Forensic Medicine	18th September, 1984
59.	Medicine and Allied Branches	18th September, 1984
60.	Physiotherapy	30th November, 1984

Faculty of Law

61.	Law	13th October, 1984

Faculty of Social Work

62.	Social Work	25th January, 1985

The important recommendations of the Boards have been included in those of the Faculties in the proceeding Chapters.

CHAPTER IV

BOARDS AND COMMITTEES

CHAPTER IV

1. University Board of Sports :

The Board of Sports held two meetings during the year 1984-85. This year the Physical Education Department conducted the following programmes:

(1) West Zone—Inter University Cricket Tournament.

(2) University Cricket Team was sent for Vizzy Trophy held at Madras from 1st February, 1985 to 8th February, 1985.

(3) Organization and conduction of the Basket Ball Test Match played between Russian Team and Indian Team at our new cement court. The match was played on 1st March, 1985.

(4) Participation of the University teams in various Inter University Tournaments.

2. Publication Board :

The Board at its meeting held on 4-1-1985 recommended grants for publication of the following works which were approved by the Syndicate.

(1) Gandhasara and Gandhavada
(2) Kantantrabalavabodha of Merutenga
(3) Reprint of 'A Dictionary of Sanskrit Grammar' late Prof. K. V. Abhyankar
(4) Reprint of Pre-Dinnaga Buddhist Text on logic from Chinese sources (Gos No. 49)
(5) Sahitya Vidyadhari Commentary on the Naishadhiyacharitam
(6) Komaratham
(7) "Statistical Summary of Medical Examination Reports" (Science)
(8) "The Growth of Indo-Persian Literature in Gujarat" (Arts)
(9) "Regridhanaryakhya", Padapanijka of Natrsuna by Dr. S. G. Kantawala, Shri P. R. Joshi and Shri B. P. Pandya
(10) Second Fascicule of Vol 1 of "Balakanda of Critical Edition of the Valmiki Ramayana (Oriental Institute) Late Prof. G. H. Bhatt.

The following works were referred to the University Grants Commission for sanctioning grants :

(1) " A critical Study and Text of Rasika Vinod and Svanubhutinataka " (Sanskrit, Arts)
(2) " Interstate Variations in Economic Growth in India " M. N. Shah
(3) " The Brhadaranyaka Upanisad a critical study ".

3. Standing Committee on Eqivalence of Examination :

The Committee which met on 27th April, 1984 took the following decisions which were approved by the Syndicate :

(i) B.Sc. (Home) Examinations of Nagpur University and Aligarh University were recognised as equivalent to the B.Sc. (Home) Examination of this University on reciprocal basis for the purpose of admission to available higher courses of studies.
(ii) Intermediate Arts and Intermediate Commerce Examinations of Berhampur University were recognised as equivalent to H.S.C. (XII Std.) Examination of the Gujarat Board for purposes of Admission to First year Degree Courses in Arts and Commerce as the case may be
(iii) First year Examinations of the B.A., B.Sc. and B.Com. (3 year Degree Courses) conducted by the constituent/affiliated Colleges of the Bombay University, were recognised as equivalent to the F.Y.B.A., F.Y.B.Sc. and F.Y.B.Com. Examinations of this University on a reciprocal basis.
(iv) The Shikshacharya (M.Ed.) Examination conducted by the Sampurnand Sanskrit Vishwavidyalaya, Varanasi was recognised as equivalent to the M.Ed. Examination of this University on reciprocal basis for admission to available higher courses of Studies.
(v) The report of the action taken by the Vice-Chancellor under Section 11 (5) (a) of the Act and 0.177 in deciding the eligibility of 130 Students for admissions to the various courses of this University for the academic year 1983-84 was noted.

4. Committee of Deans of Faculties and Heads of Institution :

The Committee held eight meetings during the year at which the following recommendations were discussed and considered :

(1) Supply of uniforms to Security Staff.
(2) Activating the Student-Staff Committee
(3) Restricting expenditure on Air-fare.
(4) Holding meeting of the Deans in two groups in a month.
(5) Maintenance of buildings and laboratories in the Faculties.

5. Press Supervisory Committee :

The Committee held two meetings during the year. At these meetings the general reports of the Press Manager regarding the working of the Press, Stationery Unit, Publication Sales Unit and Printing Programme, Purchase of Papers, Equipment, Stationery, etc. were discussed and considered.

6. Wardens' Committee :

No meeting of the Warden's Committee was held during the year under report.

7. Advisory Committee of National Service Scheme (N.S.S.):

One meeting of the Advisory Committee of National Service Scheme was held during the year. It approved the report of the special camping programme and general activities of N.S.S. They arranged special camping programmes in April, May and June, 1984.

The allotment of 1500 students for N.S.S. regular activities and 500 students for N.S.S. Campus for the year 1984-85 one day orientation programme at Gram Vikas Kendra, Panelar. Shri Anil S. Navale, attended the conference at Delhi on " Review of N.S.S. and its prospectus from 27th Sept. to 29th Sept. 1984. About 400 students in batches participated in workshops at villages Sindhrot, Panelar, Amla, etc. "

8. Selection Committees :

During the period from 1.4.1985 to 31.3.1985, the Syndicate considered recommendations of number of selection committees constituted for different categories in the University in teaching and non-teaching Cadres and in response to the recommendations, the Syndicate resolved to appoint 41 candidates for the posts of Professor/Reader and Lecturer in various Faculties/Institutions. 47 Candidates in technical as well as non-teaching cadres were also considered suitable for appointment out of which 18 were non-tranferable posts and 29 were non-teaching posts.

9. Selection Committees for the Merit Promotion Scheme :

During the year under report a number of Selection Committees met to consider the eligible teachers for promotion under the Second phase of the U.G.C.'s Merit Promotion Scheme. In the Second Phase 25 Readers and 72 Lecturers were promoted as Professors and Readers respectively.

10. Board of Extra Mural Studies :

The meeting of the Board was held on 26.9.1984 and recommended different Programmes under Extra Mural Activities for which an amount of Rs. 12,000/- was sanctioned.

11. Advisory Committee for the University Health Centre :

A meeting of the Committee was held on 10.1.85 and recommended the appointment of the panel of experts and deputation of Dr. P. S. Shah, Medical Officer of the University, once a year to attend the Annual Conference of the Physicians in India. Also a car allowance to the Medical Officer was approved. Subject to approval of the Govt.

12. Library Committee :

No meeting was held during the year under report.

CHAPTER V

RESEARCH IN THE UNIVERSITY

CHAPTER V

1. During the year, 106 new students were registered for the Ph.D. degree. Their Faculty-wise break-up is : Arts-19, Science-45, Commerce-8, Education and Psychology-12, Home Science-1, Medicine-4, Technology and Engineering-10, Fine Arts-3 and Performing Arts-4.

During the year 1984-85, the number of students actively pursuing Ph.D. research work in the various Faculties was under :

Sr. No.	*Faculties*	*Number*
1.	Faculty of Arts	138
2.	Faculty of Science	79
3.	Faculty of Commerce	32
4.	Faculty of Education & Psychology	62
5.	Faculty of Home Science	11
6.	Faculty of Medicine	27
7.	Faculty of Tech. & Engg.	78
8.	Faculty of Law	5
9.	Faculty of Fine Arts	28
10.	Faculty of Performing Arts	4
11.	Faculty of Social Work	2
12.	Faculty of Management Studies	—
	Grand Total	466

2. Research Schemes financed by the University for the year 1984-85

Sr.No.	*Name of the Teacher*	*Title of the Research Scheme*
	Faculty of Arts	
1.	Bajpai Gita	Socio-Economic Development in Baroda State from 1850 to 1900
2.	Gokhale S. A.	Rise and Growth of Baroda city during 1800 to 1850

Sr.No.	*Name of the Teacher*	*Title of the Research Scheme*
3.	Modi Bharati Vinod	The Parsi Gujarati Dialect, A Study in Linguistic Variations
4.	Shah K. M.	Critical Theory for Contemporary Hindi Novel.
		Faculty of Science
1.	Bhatt R. P.	Morphological and Cytological Evaluation of Solanum Nigrum Linn, Complex of Gujarat State
2.	Bhagwat K. A.	Monitoring resistant cultivators of Paddy to Air Pollution.
3.	Desai H. S.	Scattering of electrons by Alkali Atoms
4.	Nair Kanakalakshmi B.	Studies in Biquinolines
5.	Menon G. K.	Streatum corneum lipids and Modulation of skin permeability
6.	Mani Narimattathil Varghese	Studies in Isoflavone
7.	Nair G. M.	Biology of Sexual interaction in Polluted and Non-Polluted plants
8.	Naik Y. M.	Study of Amphibians and their distribution in Gujarat.
9.	Nene R. V.	Histophysiological Studies on the avain twich and tonic Muscles.
10.	Shringarpure D. M.	Study of trace fossils in Carbonate Rocks of Western Kutch (Gujarat)
		Faculty of Education and Psychology
1.	Christian J. A.	The effect of value Input on student performance and its Related Physics variables.
2.	Dekhtawala P. B.	Identification of managerial styles in Secondary schools in Baroda District.
3.	Joshi S. J. and Ekbote E. R.	Systamatization of Instruction for the course in Education & Psychology at B. Ed. level.
		Faculty of Medicine
1.	Asnani M. B.	A study of Pulmonary Aspergillosis as on Hospital Acquired Infection.
2.	Hemavati K. G.	Effect of Sulphur containing aminoacids on rat isolated anococcygous muscle and their modification by external Ca††

Sr.No.	*Name of the Teacher*	*Title of the Research Scheme*
		Faculty of Technology and Engineering
1.	Agrawal Y. K.	Studies on Metal concentrations in Pharmaceuticals.
2.	Datta S. K.	Reduction of refractory metal oxide by Hydrogen
3.	Ethirajula K.	Studies on Diffusion in Liquids.
4.	Girdhar Rajani	Determination of Sulpha Drugs.
5.	Hathi K. K.	Study on the use of Drum Dryers for drying of Pasty materials.
6.	Jain N. K.	Study on Hydrotropic Solubiliation
7.	Khanna S. M.	Spectrophoto-matric and Titrimetric determination of drugs and their dosage forms using organised brominating agents.
8.	Panchal Vijaykumar	Dynamic Analysis of Machine Tooles (Frequency Analysis)
9.	Patel R. V.	Kinetics of enzymatic hydrolysis of cellulosic substracts.
10.	Patodi S. C.	Large deflection Analysis of laminated and stiffened plates.
11.	Puranic S.A. and Dabke S. P.	Equilibrium studies on Acaylate Alchol Water Systems.
12.	Shroff A. V.	Co-relation of strength-viscosity time-temperature of Resin Grouts.
13.	Shukla H. J.	Natural convection from partially filled rectangular cavities at various orientations
14.	Murty Sunder N. S.	Roll of Heat transfer in Oxid/Carbon reactions
15.	Vora R. A.	Synthesis, Characterization and Evaluation of thermally stable polymers.
		Faculty of Home Science
1.	Pandya Amita D.	Some clothing style and their development (Historical and Experimental approach)
		Child Development
2.	Kapoor Neena	Case studies ; Institution Ongoing for Infant Care

Sr.No.	*Name of the Teacher*	*Title of the Research Scheme*
Clothing & Textile Department		
3.	Patel S. I.	Designing Infant's Laylette
4.	Phadke S. M.	Wash and Wear Finishing of Garments
Education and Extension Department		
5.	Paralikar K.	Need identification in Home Science in Gujarat State
6.	Gandotra V.	A study of Time Management of Families with Mentally Retarded Children
	Polytechnic	
1.	Joshi D N.	Studies in Chemical Reaction Engineering with respect to Polymerization.
2.	Shah R. J.	Properties of Polymer Solutions and Polymers
3.	Telpande Anand Gajanan	Studies on Reaction Kinetic

3. Research Scheme Sponsored by Outside Agencies

The following schemes in progress have been sponsored by the University Grants Commission Ministry of the Central Government Dept(s) of Government of Gujarat, Planning Commission and other funding Agencies like ICAR, CSIR, ICSSR, N.D.D., ICHR, ICMR, PL-480 DST etc.

Sr. No.	*Name of the Teacher*	*Title of Research Scheme and Name of the Financing Body*	*Remarks regarding the progress of the Scheme*
		Faculty of Arts	
History Department			
1.	Bajpai Geeta	Economic Development in the two selected districts of British Gujarat and Surat during 1881-1919 " by U.G.C.	Report submitted on 24-9-84.
2.	Chavda V. K.	Urban History Project by U.G.C.	Letter sanctioning the scheme has been received recently.

Sr. No.	*Name of the Teacher*	*Title of Research Scheme and Name of the Financing Body*	*Remarks regarding the progress of the Scheme*
3.	Mathew K. S.	Compilation of a source book for the History of Gujarat in the 16th Century by the U.G.C.	Final report submitted in March 1985.
4.	Kumaar Ravindra	Urban History Project by U.G.C.	Second Investigater
5.	Sharma G. D.	(i) Indian Ocean Politics and Socio-cultural Inter Action Western India During the 17th century with special reference to Gujarat by U.G.C.	Final Repor under Preparation
		(ii) Vakil Reports mataorgan Editory of Annotations. by ICHR.	Vol. 1. Submited and sent to the press.
Political Science Department			
1.	Pantham Thomas	1. Modern Political Thought by U.G.C.	Work in Progress
		2. Models and Strategies of Political Change by ICSSR	Work in progress
2.	Rana A. P.	Theoretical Aspects of International Relations by ICSSR	Work in Progress
Sociology Department			
1.	Bharucha C. M.	Socio-Economic Survey of Rural South Gujarat Parsees Jointly sponsored by the World Zorostrain Organization, London and Surat Parsee Panchayat	Work still in progress
2.	Patel P. J.	Trade Union Activities. A study of Working class Leaders by ICSSR	Nearing Completion

Sr, No.	Name of the Teacher	Title of Research Scheme and Name of the Financing Body	Remarks regarding the progress of the Scheme
3.	B. S. Desai	(i) Community Structure w.s.p.r.t. Gujarat Villages	(Tables ready, writing on hand).
		(ii) Theory of Migration.	(Reference work done) First draft over
4.	Panchandikar J. M.	The level of Development of Social Welfare services in the State of Gujarat by Central Ministry of Social Welfare Govt. of India, New Delhi.	Being Cyclostyled

Faculty of Fine Arts

Department of Painting

1.	Sheikh G. M. Jyoti Bhatt	Workshop for Craftman and Artists with financial Assistance from other Development Commissioner, Handcrafts, Ministery of Commerce, Government of India, New Delhi.	Sept. 1984 onwards for eight one month long consecutive Workshop

Department of Art History

.2	Parimoo Ratan	The U.G.C. supported Advanced Research Project Encyclopaedic Index of Vaishnav Myths, Symbols and Icons as represented inn painting and Sculpture Phase I, Vaishnavism on which work had been done from January 1981 to December, 1982 by U.G.C.	U.G.C. gave further extension of two years and the work commenced from January 1984.

Faculty of Science

Biochemistry Department

1.	Rajalakshmi R.	(i) Nutritional content of community dare services through health and non-health chennels a situational analysis by ICMR	

Sr. No.	Name of the Teachers	Title of Research Scheme and name of financing Body	Remarks rvgarding the Progress of the scheme
		(ii) The growth and composition of fetal tissues as an index of the nutritional status of the community and of environmental pollution by UGC	
		(iii) " The fetal development in relation to maternal nutrition status " by UGC	
		(iv) " Studies on Skeletal develop-ment in children in areas with and without endcmic flucrosis " by Government of Gujarat.	
2.	Ramkrishnan C. V.	" Studies on Indian Fermented Foods by " U.G.C.	
3.	Telang S. D. Ramkrishnan C. V.	" Effects of lead on reproductive performance and brain development in rats " by Department of Environment	
4.	Srivastav S. K.	(i) " Control of Photomerphogenesis in Plants by Polyamines and guanidines " by U.G.C.	
		(ii) ' Role of polyamine in the development and maturation of seeds, " fruits and germinating seeds, by ICAR	
5.	Sharma Mukut	" Effects of interaction of gestational under nutrition & alcohol intake of the capacity of aggregate cells from chemically defined medium " by U.G.C.	
6.	Telang S. D.	" Nutrition-hormone interactions on GABA metabolism in different regions of rat brain " by U.G.C.	

Sr. No.	*Name of the Teachers*	*Title of Research Scheme and name of financing Body*	*Remarks regarding the Progress of the Scheme*
	Botany Department		
7.	Sabnis S. D.	Flora of Kutch District by Botanical Surv. of India.	Work is in progress.
8.	Mehta A. R.	"Colonal propagation-methods" by Government of India D.S.T.	Work is in progress.
9.	Padhya M. A.	Clonal propagation of Tree Ferns, through Tissue Culture/Techniques by U.G.C.	Completed succcssfully
10.	Bedi S. J.	Health Monitoring Committee Research Project "Effect of Air Pollution on Vegetation by VUDA, Baroda	Under progress
11.	Bhatt P. N.	Selection of Cellines resistant to inhibitors and Anologues of Steroids in Cell cultures of Spp by CSIR	Work is in Progress
	Chemistry Department		
12.	Bhattacharya P. K.	Effect of Substitution on ternary complex stability a metalloenzyme model by CSIR	Work is in progress
13.	Rakshit A. K.	Physiochemical studies of monomolecular surface films of acids, alcohols and polymers by CSIR	Work is in progress
14.	Rama H. S.	Some studies on catalyst preparation characterisation of chelated metal complexes supported on polymer matrix by CSIR	Work is in progress
15.	Devi Surekha	Preparation and characterisation of poly (hydroxamic acid) ion exchange resins and their use in renewal of toxic metals from industrial effluents by CSIR	Work is in progress

Sr. No,	*Name of the Teachers*	*Title of Research Project and name of financing Body*	*Remarks regarding the Progress of the Scheme*
16.	Sinha R. N. P. Gupta G. M. Mishra B. R. Parmar J. K. Rizvi S. M. H. and Other Field and Office Staff	Land Use Survey and Mapping of NCZ 4 A Amod and Vagra Taluka by Government of Gujarat Irrigation Deptt. Gandhinagar	Field work and Mapping work are completed writing of preliminary and Final report is in progress
	Zoology Department		
17.	Shah R. V.	Developmental Physiology DRS Programmes by U.G.C.	Work is in progress
18.	Mohan S. P.	Matabolism in Birds by U.G.C.	Thesis submitted
19.	Derasari K. J.	Studies in certain aspects of reproductive physiology by U.G.C.	Work is in progress
20.	Ayyar Chitra B.	Studies in certain aspects of endocrine Physiology in birds by U.G.C.	Work is in progress
21.	Chacko Sophy Mariamma	Certain aspects of vertebrate regeneration by U.G.C.	Work is in progress
22.	Desai Smruti S.	Studies in the reproductive Physiology of vertebrate animals by U.G.C.	Work is in progress
23.	Padate G. S.	A Study on certain Physiological aspects of Vertebrates by U.G.C.	Work is in progress
		Faculty of Home Science	
	Child Development Department		
1.	Mistry Veena	(i) General Monitoring and Evaluation of Social Components of ICDS by National Institute of Public Co-operation and Child Development.	On going

Sr. No.	*Name of the Teachers*	*Title of the Research Scheme and name of financing Body*	*Remarks regarding the Progress of the Scheme*
		(ii) Refresher training for the Anganwadi workers and helper of ICDS, by National Institute of Public Co-operation and Child Development.	On going
2.	Mohite Prerna	Learning difficulties of Primary School by National Council of Educational Research and Training and ERIC.	On going
Education and Extension Department			
3.	Chandra A. Shah A. Thomas A.	TVT Teaching Project by ISRO Bangalore	The Script is written & Preparation of Vidio-Shooting facilities is being made.
4.	Shah A. and Joshi U.	A Study of knowledge and practices of evaluation of college Home Science teachers in Gujarat with view to provide assistance setting as objective and essay tests by U.G.C.	The data collection is in process.
5.	Paralikar K.	(i) Fuel Management Pracices of rural home makers & their effect on their health by DST DELHI.	Completed two phase & studying practice & occupational hazard.
		(ii) Annoted Bibliography of research in Home Science Education & Extension by S.S.D.C. of ICSSR.	Bibliography completed & reading for publication.
Foods and Nutrition Department			
6.	Gopaldas Tara	Studies on Behavioural factors influencing child feeding and child rearing practices in India. by ICMR (I)	On going

Sr. No.	*Name of the Teachers*	*Tilte of the Research Scheme and name of financing Body*	*Remarks regarding the Progress of the Scheme*
7.	Gopaldas Tara and Seshadri Subadra	(i) Evaluation of National Anemia Prophylaxis Programme by ICMR (II)	On going
		(ii) Training Research in Nutrition and Health Education for the Field Functionaries of the Integrated child development services. By WHO.	On going
8.	Gopaldas Tara and Gujral Sundet	USAID Assisted ICDS Impact Evaluation Project by USAID and Ministry of Social Welfare	On going
9.	Gujral Sunder	Nutritional Studies on Thicyanated Milk by NDDB	On going
10.	Mani U. V.	Effect of wheat Bran on Lipid Profile in Diabetics by Windsor foods	On going
11.	Gujral S., Mani U., Puar M. and Patel S.	Effect of Fiber on Blood Glucose and Lipid Profilc in Experimental Diabetic Rate. by Windsor foods	Completed
12.	Ogale N. Srinivasan K.	An Economic and Psychic cost Benefit Analysis of Gainful Employment of Educated Married Mothers outside Home by ICSSR	Project has been completed and Report sent March, 1985.
13.	Ogale N. George Rachel	Performance of Solar Cooker by Govt. of India Ministry of Energy Deptt. of Non-conventional Energy Source.	IInd Phase of work is continued.
14.	George Rachel	(i) Fuel efficiency of improved chulahs by GEDA	Received sanction and started work.
		(ii) Popularisation of improved chulahs in a rurnl Area of Gujarat. By. GEDA	—do—

Sr. No.	*Name of the Teachers*	*Title of the Research Scheme and Name of financing Body*	*Remarks regarding the Progress of the Scheme*
		(iii) Demands on the Time of Rural and Urban Women. BY. U.G.C.	Study completed manuscripts given for typing.
15.	Srinivasan Kamala	A Study of Buying practice of Households, consumer, Awareness and customers evaluation of Fair Price/Ration shops in Vadodara city. by U.G.C.	Study completed manuscripts given for typing
16.	Gandotra Veena	Retirement Problems needs and plans of selected occupational groups. by ICSSR	On going.
		Faculty of Commerce	
1.	Elavia B. H.	"Financing Rural Development in India"—A Study of Factors responsible for in balances and under-utilisation of Refinance Facilities by U.G.C.	Primary data collection and sample survey are over. Presently, the tabulated data are being statistically examined.
2.	Syan J. K.	"Delegation of Lending powers in commercial Banks" by—U.G.C.	(i) Visited Bombay and had discussions with Prof. S. P. Singh, Prof. Kaveri and Prof. S. S. Kshirsagar of National Institute of Bank Management during 1983. Also consulted the Liabilities of Indian Banks Association and the Reserve Bank of India. (ii) Visited Delhi and Chandigarh during November 1984 and had discussions with Prof. S. D. Tripathi

Sr. No.	*Name of the Teachers*	*Title of the Scheme and Name of the financing Body*	*Remarks regarding the Progress*
			(Head, School of Business Management) of Punjab University and Officers of Zonal Office of Punjab and Sindh Bank. (iii) Had correspondence with 28 public sector Banks 34 Private sector Banks and 12 Foreign Banks and collected nearly 15 power charts. (iv) The Project is likely to be completed in March 1986.
	Joshi K. M.	Money Income and Cawsality in India by U.G.C.	Report will be finalised within 5 months.
		Faculty of Technology and Engineering	
		Applied Mechanics Department	
1.	Parikh Piyush Shroff A. V.	Study of course and fine grout mixes for various Geotechnical applications by C.S.I.R., Delhi	In Progress
2.	Parikh Piyush & Bhagia R. M.	Earth Reinforcement Techniques by C.S.I.R. Delhi	In Progress
		Metallurgy Department	
3.	Agrawal S. K. and Gadgeel V. L.	Grain Refinement of Aluminium by Indian Aluminium Co., Calcutta	Completed in 1984
4.	Gadgeel V. L. Shah N. M. Vishwakarma R. R. Joshi P. B.	Metallurgical problems in Thermal Power Plants by Gujarat Electricity Board.	Completed in 1984
5.	Gadgeel V. L. Basa D. K.	Ultrasonic Measurement of Solid/Liq. Interface position during Solidification by DAE BRUS	Continuing
6.	Gadgeel V. L. Joshi P. B.	Development of Non-destructive Testing Methods for measurement of H2 Brittlement by DST	Continuing

Sr. No.	*Name of the Teachers*	*Title of Research Scheme and Name of the financing Body*	*Remarks, regarding the Progress of the Scheme*
7.	Gadgeel V. L. Bajapai K. B. Lele A. B.	Effect of Minor Alloying Addition on Dezincification Behaviour of Brasses in Sea Water by CSIR	Continuing
Pharmacy Department			
8.	Khanna S. M.	Studies on the Analysis of some antibacterials agents and their dosage forms (w.e.f. 15-7-1984) by U.G.C.	Satisfactory
Applied Chemistry Department			
9.	Lohar J. M.	" Studies in Polymeric additives Pour Depressant and Flowimprovers Indian Crude Oils ". by Oil & Natural Gas Commission Silver Jubilee for Research Fund April, 1984 to March, 1985.	Good Progress
10.	Vora R. A.	" Synthesis of Liq. Crystals and Investigation of Physical Properties by Electric and Magnetic Fields ". by U.G.C.	Good Progress.
Department of Applied Physics			
11.	Joshi R. V. Joshi T. R.	TL application to Archaeology by DST.	In Progress
12.	Agrawal R. K. L. P.	'Precipitation Mechanism in Alloys' by C.S.I.R.	In Progress
13.	Joshi R. V.	TL Application to Radiation Dosimetry by C.S.I.R.	In Progress
14.	Majamudar N. H.	Solar Water heater cum cooler for M.Sc. Dissertation by Gujarat Energy Development Agency.	In Progress
		Solar Flat Plate collecter with GSD for Moderately high temperature for two years by GEDA.	In Progress

CHAPTER VI

VISITING LECTURERS

CHAPTER VI

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

Name of the Lecturer	*Date*	*Subject*
	Faculty of Arts	
French Department		
1. Magraner Jean Jacques	20-2-85 to 26-2-85	Spoken French 5 Lectures delivered
Russian Department		
2. Paul B. K.	3-12-84 to 7-12-84	Russian Grammar and Methods of translation
Sociology Department		
3. Engineer Asgharali	10-9-84	Bombay-Bhivandi Riots : A Sociological Perspective
4. Shah Vimal P. (Visiting Fellow)	4-12-84	Research Design
	5-12-84	Non-Experimental Design in Social Research
	7-12-84	Problems of Sampling
	10-12-84	Problems of Measurement of Social Data
	12-12-84	Causal Inference in Non-Experimental Research
	14-12-84	Reporting Research

Faculty of Science

1.	Patel S. R.	28-1-85 to 16-3-85	Polymer Chemistry
2.	Ramchandran K. B.	4-2-85 to 16-2-85	Biochemical Engineering at Department of Microbiology, M. S. Uni., Baroda
3.	Kote V. K.	18-2-85	Boson models for Nuciel & Polystemi Molecules
4.	Khatri C. G.	18-2-85 to 22-2-85	Multivartiate Analysis

Faculty of Social Work

1.	Ranade S. N.	23-1-85	Social Development and Social Policy in India
2.	Chaturvedi H. R.	8-3-85	Developing Societies

Faculty of Performing Arts

1.	Ghourasia Omprakash	22-9-84	Lecture-cum-Demonstration on Santoor Recital
2.	Deshpande Vasudeo	4-1-85	Talk on " Late Pt. Ratanjaker as a Teacher and Composer.
3.	Jani Jaideo	31-1-85	Nayaka-Gayika Bheda in Gita Govind
		1-2-85	
4.	Devi Savita	18-2-85	Thumari and Tappa Tradition of Banaras
5.	Mehta Nitin	22-2-85	K. M. Munshi as a Playwright
6.	Desai Sudhaben R.	25-2-85	Dance Element in Bhavai of Gujarat
		26-2-85	
7.	Dixit Pradeepkumar	8-3-85	Contribution of Film Music to Indian Music
8.	Pandya Ramesh	9-3-85	Colour and Line
9.	Mehta R. N.	14-3-85	Shakeshperean
		15-3-85	Tragedy.

Faculty of Management Studies

1.	Shukla Janadran C.	10-9-84	Entrepreneural Development
2.	Tandon B. C.	9-10-84 to 11-10-84	Research Methodology

3.	Jha Samar	23-10-84 to 1-11-84	Electronic Data Processing
4.	Gupta Omprakash	26-11-84 & 27-11-84	Quantitative Methods
5.	Nagar A. L.	7-1-85 to 9-11-85	Economic Forecasting
6.	Desai Kamini	21-2-85 & 22-2-85	Workshop on Teaching Aids and Workshop on Management of Conflict
7.	Kuchhal S. C.	11-3-85	Finance Function & Profit Planning & Capital Structure Designing Debt Equity Unit.
8.	Keshava G. P.	23-11-84	Assessment of Management Proformas in the Public Enterprises.
9.	Saxena R. C.	3-12-1984	Industrial Policy Problems.
10.	Rangnekar Sharad S.	7-1-1985	Work Ethics : the values that work.
11.	Hakim Dara	13-3-85	Industrial Relations
12.	Shah H. S.	18-3-85	Marketing a case study.
13.	Mukherjee S. K.	19-3-85	Industrial Relations in the Public Sector.

Faculty of Arts

Archaeology Department

1.	Joshi M. C.	16-1-85	Archaeological Explorations in Laksha Dweep

Economics Department

1.	Kurian C. T.	9-7-84	Methodology of Economic Science
2.	Nager A. L.	9-1-85	Planning Models

Geography Department

1.	Prothero R. M.	14-12-84	Population Movement : Concept & Measures
2.	Prothero R. M.	15-12-84	Population Movement & Health Hazard.

Marathi Department

1. Kulkarni V. D.	15-12-84	

Political Science Department

1. Wirsing Robert G.	3-10-84	The Arms Race Between India and Pakistan and the Implications for West Asia.
2. Dalmayer Fred	15-3-85	Political Enquiry : Beyond Empiricism & Hermeneutics.

Sanskrit Department

1. Dave P. T.	6-2-85	Kalidasa and Bhavbhuti

Faculty of Science

1. Chavan Sanatkumar A.	13-8-84	Asiatic Lions and their Food-Chain in Gir Forests.
2. Chavan Sanatkumar A.	14-8-84	First Marine National Park in the Gulf of Kachchha.
3. Parekh Raj	13-8-84	Site Specification of Glycisylation
4. Roy J.	17-8-84	Computers and Statistics.
5. Modak S. P.	27-8-84	Structure of Cukaryotic Chromatin and its regulation
6. Edkle R. G.	18-9-84	Neval Electric field effects.
7. Shah C. R.	29-12-84	
8. Prothere R. M.	14-12-84 to 15-12-84	(i) Population Movement concepts & Measures
		(ii) Population Movement & Health Hazard.
9. Gohil	13-12-84	Cytogenetics of some High Altitude Plants
10. Tripathi A. N.	13-1-85	Recent developments in Atomic & Molecular Scattering Theories
11. Thakkar S. N.		
12. Bapat J. B.	25-1-85	Photoacoustic Spectroscopy.
	28-1-85	Some aspects of the Chemistry of Cyclic Nitrones.
13. Naik M. S.		
	29-1-85	Nitrogen Fixation Part-I & Nitrogen Fixation Part II
14. Subhashchandra	30-1-85	Soil Conservation and its role in Agricultural Development.

Faculty of Commerce

1. Chandorker A. K.	24-1-85	Documentation in Bank Advances
—do—	30-1-85	Nursing of Sick Industrial Units by Banks
2. Bhushan Y. K.	19-2-85	Issues in Bank Management.

Faculty of Education and Psychology

1. Dahiwala Gani	30-11-84	Modern Poems in Gujarati
2. Rana Kanti	10-1-85	Meaningful utilization of waste material for educational purposes.
3. Seshadri S.	16-1-85	The New Teacher and problems of Classroom Management.
4. Desai D. V.	18-1-85	Administrative Expectations from the New Teacher
5. Stella Sister	22-1-85	Youth and Education

Faculty of Medicine

1. Anand R. K.	9-4-84	What we as adults can learn while meeting the emotional needs of the child.
2. Venkatraman Rama	21-5-84	Drug Disposition in Iransplants patients.
3. Shah N. R.	25-6-84	Acute Leukemia in Children.
4. Bhagvat A. G.	23-8-84	Professor William Bajd as I know him.
5. Ganguli D. K.	1-12-84	Mechanism of exofremurmiz fremiz.

Faculty of Technology and Engineering

Department of Applied Mathematics

1. Rajaraman V.	17-8-84	Programming Languages
2. Rou J.	18-8-84	Programming Languages

Faculty of Fine Arts

1.	Patel Gieve	1-10-84	Illustrated talk on the Artist's work (with colour slides)
		3-10-84	Comment on work of students
		3-10-84	Reading from Plays.
2.	Stroh Charles	11-2-85	American Printmaker
		12-2-85	Prints and Drawings of Mr. Charles Stroh
3.	Khopkar Arun	8-3-85	Transformation of Nature in Cinema
		9-3-85	Nature of Transformation in Cinema
4.	Parimoo Ratan	26-9-85 to 3rd 10th-10-84 and 21 & 28-10-84	Introduction of Indian Religious & Religious Sculpture. (i) Vaishnawa, (ii) Shaiva, (iii) Buddhist.
5.	Parilikar Shivaji	5-12 & 19-12-84	Stylistic Phases of Indian Sculpture
6.	Kunnal Deepak	26-12-84	Introduction to Stupa Rock cuts & Temple Architecture
		12 & 9-1-1-85	
7.	Shivaram Rama	23-1-85, 26-1-85 and 6, 13 & 20-1-85	Introduction to different Schools Styles of Indian Painting

Faculty of Home Science

Child Development Dept.

Punalekar S. P.	25-2-85 and 26-2-85	Deprivation and Institutionalization Experience of Child Welfare Institutions in Gujarat.

Education and Extension Department

Rozaric Gerry D.	25-1-85	Production of Educational Television programme.

Faculty of Social Work

1.	Shah Dilip	21-9-84	Rural Development Programme on India with Special Reference to Gujarat.

2.	Jain S. C.	14-9-84	Rural Development Strategies in the context of the seventh plan.
3.	Heredero J. N.	28-9-84	Sensitivity Training for Rural Development.

Faculty of Law

1.	Liebmann Lance	Aug., Oct. 84	Constitutional Law
2.	Shukla B. M.	18-1-85 & 19-1-85	Law and Poverty Law and Morality
3.	Mehta Harrobhai	20-2-85	Legal Aid and Lok Adalat
4.	Pandya B. P.	28-2-85	Fundamental Rights

Baroda Sanskrit Mahavidyalaya

1.	Sharma Ram murti	26–9–84	Vedanta Vrutti Nirupanam
2.	Shastri P. B.	7–12–84	Tatvadip Nibandha Bhagvatartham Prakaran Vichar

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

1.	Mehta Madhu	28–1–85	Computers in Commerce and Industry .

CHAPTER VII

FACULTY OF ARTS

FACULTY OF

ARTS

CHAPTER VII

1 **Courses of Studies :**

(i) New Courses started during the year :

English Department :

Canadian Literature Paper at M.A. II Level.

Gujarati Department :

The subject of ભાષા કૌશલ (The skill in Language) is introduced in syllabus of T.Y.B.A. as Paper VIII

(ii) Additional facilities of New Options

(a) The subject of Literary concepts in Gujarati Literature is introduced as a full fledged paper–Paper No. 1V(B) in the syllabus of M.A. Part I (Entire Course)

(b) In the Syllabus of M.A. Part I (Principal and Entire) two options have been introduced:

(1) The subject of Comparative Literature and allied disciplines.

(2) The subject of study of Comparative Literature with a viewpoint of common Literary trends, authors etc.

(3) The subject of studies in Folk-literature is introduced at M. A. Part II (Entire) as Paper No. VIII (B). Consequently Paper VIII (a) is recast as Paper of Prose and Poetry appreciation and theory of translation.

History Department

(a) Introduction of M· Phil course

(b) P.I.B. III History of England since Waterloo

OR

History of U.S.A.

Sanskrit Department

The provision of the optional group (Sastra group) of Alamkarasastra at the M.A. Sanskrit Principal and Entire was made for the M.A. Part II Sanskrrit Principal and Entire students.

2. Publishcd Articles/Papers :

Archaeology Department

Name	*Title*	*Name of the Journal, wherein Published with date of Publication*
1. Hegde K, T. M	(i) Ancient Indian Copper Smelting Furnace	Ancient Smelting and Furnace Technology, (Ed) P. T. Craddock and M. J. Hughes British Museum Occasional Paper–48 March 1985.
	(ii) Zinc Production at Zawar	Ancient Smelting and Furnace Technology (ED) P. T. Craddock and M. J. Hughes, British Museum Occasional Paper–48 March 1985.
2. Parekh V. S.	(i) The Depictions of Siva lingas from Gujarat	Journal of the Oriental Institute, Baroda, Vol. XXXIII No. 3-4, June 1984 Svadhyaya, Baroda, Vol. 21 No. 4, August, 1984.
	(ii) Krsnalila temaj Ramayanana be vishishta Silapatta, Patan.	
3, Sonawane V. H.	An important evidence to date Rock-paintings of Mesolithic Period	Rock art of India Paintings Engravings (Ed) K. K. Chakravarty, New Delhi-1984.
4. Sonawane V. H. and Mehta R. N.	Vagad—A Rural Harappan Settlement in Gujarat	Man and Environment, New Delhi, Vol. IX 1985.
5. Patel K. H.	Antiquity and Aesthetics of Folk Music	Journal of the M. S. University of Baroda. Vol. XXXXXII, No. 1 July, 1984.

Name	*Title*	*Name of the Journal, wherein published with date of Publication*
6. Srinivasan S. S.	Heliocentric Theory of Aryabhata	Journal of the M. S. University of Baroda Vol. XXXI-XXXII, No. 1 July 1984
7. Bhagia I. G.	Some Interesting Place—Names in Vadodara Dist.	Journal of the M. S. University of Baroda, Vol. XXXI—XXXII, No.1 July 1984.

Economics Department

1. Hashim S. R.	(i) Pattern of Seasonal Migration (Jointly with S.M.H. Rizvi)	M.S.U. Journal Vol. 31-32, No. 2
	(ii) Certain Methodological Aspect of Consumer Price Index	Artha Vikas Vol. 31-32 No. 1-2, March 1985.
2. Dadi, M. M.	Economics of Scale—A note on Empirically Fitted Curves	M.S.U. Journal Vol. 31-32 No. 2 December 1984
3. Shah M. N.	(i) Economic Growth & Human Capital—An Indian Experience	The Manpower Journal Vol. XIII, No. 4, 84-85
	(ii) Moral Sentiments and Wealth of Nations	M.S.U. Journal Vol. 31-32 No. 2, Dec. 1984
4. Pandya N. M.	Inflation and its Effects on Redistribution of Income and Wealth : A Survey	M. S. U. Journal Vol. 31-32, No. 2, December, 1984.
5. Dholakia R. H.	Some Practical Difficulties in Identifying the Target Group and preparing Employment Budget for Block Level Plans.	M. S. U. Jounral Vol. 31-32, No 2, December, 1984.
6. Dholakia R. H. and Joshi P. R.	On Chenery's Measure of Import Substitution.	M. S. U. Jounral Vol. 31-32, No. 2, December, 1984.

Name	*Title*	*Name of the Journal, wherein published with date of Publication*
7. Rede L. A.	Rate of Profit: Concept and Measurement	M. S. U. Journal Vol. 31-32, No. 2, December, 1984.
8. Parikh Y. O.	Education and Incidence of poverty among Scheduled Castes	M. S. U. Journal Vol. 31-32, No. 2, December, 1984.
9. Nanavati A. U.	Trends in Material Input Co-efficients in Indian Railways	Journal of Institute of Rail Transport Vol. XX, No. 2, June, 1984
10. Kantawala B. S.	(i) Instability in Indian Imports	M. S. U. Journal Vol. 31-32, No. 2, December, 1984
	(ii) Urbanisation and its effects on Urban services in Vadodara	Conference Papers Gujarat Economic Association, February, 1985.
English Department		
1. Birjepatil J.	(i) 'Robert Scholes : Semiotics and Interpretation'	Indian Journal of American Studies, July 1984.
	(ii) 'Nude Before God'	*New Quest*, No. 49 January—February 1985.
2. Seshadri C. K.	Review of Practical English Usage, Michael Swan,	M.S.U. Journal 1984
3. Vanikar Ranu V.	'What do we need Language for ? A Report on language of F.Y. students at M. S. University'	Journal of English Language Teaching (India) No. 6 Vol. XIX November-December, 1984
4. Joneja O. P.	'Colonial Consciousness in Margaret Lawrence's African Fiction'	(Paper Co-Authored with B. J. Desai & K. P. Dalal) Abegweit Review, Canada, 1984.
5. Devi G. N.	(i) 'Sri Aurobindo's Sources of Poetry and Indian Poetry in English'	Literary Criterion, Vol. XIX, No. 2 June 1984

Name	*Title*	*Name of the Journal, wherein published with date of Publication*
	(ii) 'Comparative Indian Culture' (In Gujarati Translation)	Etad, No. 78 December 1984
	(iii) 'Sri Aurobindo's Poetry : Revaluation' (In Gujarati translation)	Forbes Quarterly, June 1984.
	(iv) 'Romantic, Post-Romantic and Neo-Romantic Auto-biography in India'	Biography & Autobiography in Commonwealth, Barcelona, Spain 11 to 14 April, 1984
Gujarati Department		
1. Mehta S. Y.	(i) મરીઝની કવિતા	Gazal collection of Mariz November 1984
	(ii) Contemporary Gujarati Literature	'Times of India' Dec. 1984.
	(iii) On contemporary Gujarati Theatre	'Manas' January 1985
	(iv) On Sensibility in Crisis	'Manas' November 1984
	(v) પ્રલય (a long poem)	'સંસ્કૃતિ' પૂર્ણાહુતિ અંક, ૧૯૮૫
2. Trivedi H. M.	'ચાન્દ્રા'નાં વ્યક્તિ વિષયક કાવ્યો	'શબ્દયોગ' જૂન ૧૯૮૪
3. Dave S. M.	શ્રી સુંદરમ્‌નો શિખરિણી	'શબ્દયોગ' જૂન ૧૯૮૪
4. Desai L. M.	(i) સુંદરમ્‌ની કવિતામાં શ્રી અરવિંદ અને માતાજી	'સ્વાધ્યાય' મે-૧૯૬૪
	(ii) સુંદરમ્‌ની કવિતામાં માતાજી	'શબ્દયોગ' જૂન, ૧૯૮૪
	(iii) અમૃતમય ક્ષણોની અભિવ્યક્તિ	'શબ્દસૃષ્ટિ' ઓગષ્ટ, ૧૯૮૪
	(iv) તારસપ્તકમાં ઘુંટાયેલી વેદના	'શબ્દસૃષ્ટિ' જાન્યુઆરી-૮૫
	(v) 'ઉપલબ્ધિ'	'સ્વાધ્યાય' ઓકટોબર-૮૪
	(vi) સેટરડે થિયેટર	નિરીક્ષક અમદાવાદ ડીસે., ૧૯૮૪
5. Pandya S. N.	ભોજા ભગતના આખળા અને કોચા ભગતની કડવી વાણી	

Name	*Title*	*Name of the Journal, wherein published with date of Publication*
Hindi Department		
1. Shukla D. S.	(1) "Samkalin Hindi Natkon Main Visanskritikaran Vividh Dishayeh"	'Parishodh' 40th Issue March, 1985 Punjab University, Chandigarh, Journal
	(2) 'Kunwar Kushal Dwara Vannit 18 shatabdi main Kutch ke Nagriya samaj ki Sanrachna	'Parishod' 41st Issue March, 1985 Punjab University Chandigarh Journal
	(3) 'Tulsi ki Mansikta: Algava ke Pariprekshya main	Journal of the Maharaja Sayajirao University of Baroda Vol. XXX-XXXII No. 1 Baroda Published in July 1984.
2. Gupta M. G.	(1) Samskritik Adhyana ke ullekhniya Paksh	Contributed in the book Madhya Kalin Hindi Kavya main Sanskritik Samanyya Feb. 1985.
	(2) Girdhar Ramayan main, Lokranjak Ramka Swarup	'Anumeha' Kanpur March 1985
History Department		
1. Chavda V. K.	Hindi Swatantrya Sangram Vibhavana Ane Philsuphi (Gujarati) in Five Instalments	'Vidyapith' March-April, 1984 May-August, 1984
2. Desai S. K.	*Reviews*	
	(i) History of Gujarat Vol. III by Commissariat	Bulletin of the Chunilal Gandhi Vidya Bhavan *Surat*, Vol. 28-1984-85
	(ii) Political Inst. and Principals of the Sultans, Mughals and the Marathas (Originally in Gujarati by J. R. Shukla)	Swadhyaya April 1984

Name	*Title*	*Name of the Journal wherein published with date of Publication*
3. Sharma G. D.	"The Marwaris : Economic Foundations of an Indian Capitalist Class"	Business Communities of India. Ed. Dwijendra Tripathi (New Delhi)
4. Mathew K. S.	(i) Shivaji and the Portuguese"—A Study of Events prior to the Luso-Maratha Treaty of 1670."	The Journal of the M. S. University of Baroda (Humanities) Vol. XXXI-XXXII No. 1, 1984.
	(ii) "Indian Merchants and the Portuguese Trade on the Malabar Coast during the Sixteenth Century."	Teotonio R. de Souse, ed. *Indo-Portuguese History* : Old Issues, New Questions New Delhi
	(iii) "The South Indian Aposolate of the Thomas and the Portuguese in the Sixteenth Century"	*Christian Orient* An Indian Journal of Eastern Churches of Thinking Oriental Study Forum, Kottayam, Vol. VI No. 1 March 85
	(iv) "Joao de Barros-Portuguese Humanist and Historian of Asia" by C. R. Boxer	The Indian Historical, Review, Vol. VII, 1984 No. 1-2, New Delhi
5. Bajpai Gita	"Colonial Rule and the Princely State of Baroda. A case Study in some Aspects of the Imperial Connection in the Second Half of the Nineteenth Century".	Journal of Indian History, Commemoration Vol. 1984.
6. Iftikhar Ahmed	Territorial Distribution of Jatt castes in Punjab, 1595–1881.	Proceedings of the Indian History Congress, 1984.
Linguistics Department		
1. Modi B. V.	(i) Summary of *Sala VI* 1984 U.S.A. Austin	'Bhaha Vimarhsa' July 1984
	(ii) Aspect voice relation in Gujarati	ISDL working papers in Applied Linguistics (1 : 3) 1985.

Name	*Title*	*Name of the Journal, wherein published with date of Publication*
Persian Department		
1. Siddiqui M. H.	The Huge Manuscript of the Holy Quran at Baroda.	Journal of the Oriental Inst. Vol. 33 Nos. 3–4 1984.
	Islam and other world Religions	Path way to God Vol. X VII. Jalgaun
Political Science Department		
1 Nandedkar V. G.	" Municipal Decision–making in Development ".	The Legislative Process in Development' R. B. Jain (ed.) (New Delhi, 1985).
2. Pantham Thomas	" Some Trends in American Theorising on Political Development ".	Traffic of Ideas between India and America " (Delhi : R. A. Crunden (ed.) 1985).
Sanskrit Department		
	Papers	
1. Kantawala S. G.	(i) Hero of the Meghaduta	Jagannath University, Journaral of Indology, Vol. 1 No. 2 Sept. 1984.
	(ii) આપણાં પુરાણો	નમદા સંસ્કૃત વેદ પાઠશાળા સ્મરણિકા, ઓગષ્ટ, ૧૯૮૪
	(iii) માંડૂક્યોપનિષદમાં બ્રહ્મની વિભાવના	'નવભારતી' દિપાવલી અંક ૧૯૮૪
	Reviews	
	(i) વિદૂષક By G. K. Bhatt	સ્વાધ્યાય Vol. 21, No. 3
	(ii) Raghuvansa of Kalidasa with the Commentary of Mallinatha ed. by G. R Nandargikar	Journal of thc MSU Vol. XXXI-XXXII No. 1 (1982-83) Published in July 1984).
	(iii) Dhavanyaloka of Anandavardhana	Journal of the Oriental Inst. Vol. XXXVIII. Nos. 3-4, March-June 1984 (Published in October 1984)

Name/s	*Title*	*Name of the Publisher*
	(iv) Humanism in the Vedas by Dr. Dilip Vedalankar	—do—
	(v) The Kuppuswami Shastri Research Inst. Silver Jubilee Vol. 1970-71, 71-72, Vol. XXXX-XXXXI (Madras) ed. by S. S. Janki	Indian Bookshelf, New Delhi, Vol. 2. No. 6, June, 1984.
	(vi) ઈશોપનિષદ Edited by અનિરૂદ્ધ સ્માર્ત	સ્વાધ્યાય Vol. 22, No. 1 October, 1984
2. Rawal A. J.	(i) Yatha-Sankhya Utpreksa & Svabhavoti	Vidyapeetha No. 131 Sept. Oct. 1984.
	(ii) Vyatireka & Vibhavana	Vidyapeetha, No. 132 Nov. Dec. 1984.
	Review	
	Raghuvamsa of Kalidas with the commentary of Mallinatha Ed. by G. R. Nandargirkar.	Journal of Oriental Inst. Baroda XXXIII No. 3-4 March-June
3. Nanavati R. I.	Hasyana Prakaro	Adheet (VIII) 1984
4. Deshpande U. S.	The Language Study of Yaska	Journal of the M. S. University of Baroda Vol. XXXI-XXXII. No. 1 82-83 (Published in July 1984
Philosophy Department		
1. Joshi H. M.	"Some Fragments of Indian Logic"	Journal of the Oriental Institute Vol. XXXIII, March-June 1984, Nos. 3-4.
2. Vyas N. J.	અનિષ્ટની સમસ્યા અને ધર્મદૃષ્ટિ	" Swadhayay " August 1984 Vol. XXI No. 4

Name	*Title*	*Name of the Publisher*
Sociology Department		
1. Patel Pravin J.	'A Socio Structural Analysis of increase in Communal violence	(a) *Vigil*-VII 7 to 10 Feb. 13, 20-27 March, 6-13-1985
		(b) Extracts in Muslim India 3 : 28 April 1985
2. Rajarama N.	Book Review of Peter Lleyd : A Third World Proletariat	Perspective in Education Vol I, No. I Baroda, Jan. 1985.
3. Bharucha C. M.	(i) The Status of Women among Parsees—A Sociological Analysis.	Journal of the M. S. University, Vol. 31-32 (1982-83) No. 2 Social Sciences No. (Published in 1985).
	(ii) A note on the Problem of crime and Role of Police in Indian Society	Gujarat Police Journal Vol. 3, No. 1, October December 1984.
4. Desai B. S.	Channels of Mobility used by Land-owning Peasant caste :—An Empirical study of Voras of South Gujarat, Journal of M.S. University of Baroda (Social Sciences), Vol. XXXI-XXXII No. 2, 1982-83, (Published in 1984).	

3. **Published Books and Monographs :—**

Economics Department		
1. Dholakia R. H.	Regional Disparities in Economic Growth in India.	Himaliya Publishing House, January, 1985.
English Department		
1. Vanikar Ranu.	Corridors of Communication.	Orient Longman, 1984.

Name	*Title*	*Name of the Publisher*
Gujarati Department		
1. Dave S. M.	દયારામના કાવ્યો	આદર્શ પ્રકાશન, અમદાવાદ ૧૯૮૫
2. Panchal S. J.	ભાવયામિ	સદ્‌ભાવ પ્રકાશન, અમદાવાદ ૧૯૮૫
3. Pandya S. N.	(i) 'તત્ત્વજ્ઞાનનાં સીમાસ્તંભ'	ડૉ. સુધા નિરંજન પંડ્યા ૧૯૮૫
	(ii) શબ્દયોગ (સં મફત ઓઝા સાથે)	સુંદરમ્ અમૃત મહોત્સવ સમિતિ ૧૯૮૪
	(iii) સુંદરમના ગીત (સંપાદન)	સુંદરમ્ અમૃત મહોત્સવ સમિતિ ૧૯૮૪
Hindi Department		
Desai P. B.	સાઠાંતરી હિન્દી ઉપન્યાસ	સૂર્ય પ્રકાશન દિલ્હી, નવેમ્બર ૧૯૮૪
Philosophy Department		
Joshi H. M.	"Reconstruction in Epistemology and Metaphysics"	Indian Philosophical Congress Diwan Bazar, Muzafarpur (U. P.)

4. **Papers presented at Professional Level, Seminars, Conference etc.**

Name of the Teacher	*Theme, Organisor's Name, Place and date of ihe Conference/Seminar*	*Title of the Paper*
Archaeology Department		
1. Hegde, K.T.M.	Early Iron Age of Central Asia and Indian, Academy of Science, U.S.S.R., Ashkabad, 17 to 19 September, 1984.	Ancient Indian Iron Technology.
2. Sonawane V. H. & Hegde K.T.M.	Annual Session of Indian Archaeological Society & Indian Society for Prehistoric & Quaternary Studies, 8 to 12 Dec., 1984. The Directorate of Museum in Assam, Gauhati.	Landscape and settlement pattern of Harppa Culture Villages in the Rupan Valley

Name of the Teacher	*Theme, Organisor's Name, Place and date of the Conference-Seminar*	*Title of tho Paper*
3. Bhan K. K. Hegde K.T.M. & Sonawane V. H.	Annual Session of Indian Archaeological Society and Indian Society for Prehistoric & Quaternary Studies 8 to 12 Dec. 1984. The Directorate of Museum in Assam, Gauhati.	Excavations at Nageswar–A Preliminary report.
4. Krishnan K. Karanth R. V. & Hegde K. T. M.	Annual Session of Indian Archaeological Society and Indian Society for Prehistoric & Quaternary Studies, 8 to 12 Dec. 1984 ; The Directorate of Museum in Assam, Gauhati.	Thin Section studies in Harapa Culture Pottery Excavated from Vagad.
5. Srinivasan S. S.	Workshop on Minor Sciences in Ancient India, 30 June 1984, Inst. of Oriental Study, Thane, M.S.	Annabhaga—An appraisal on Manasollasa.
6. Padmaja V. T.	Indian History Congress—45th Annual session ; 27-29 Dec. 1984. Annamalai University. Annamlainagar.	Pavagadh—A Sakti Pitha of Gujarat.
Economics Department		
1. Hashim S. R.	Conference on Small Scale Industry Development, Institute of Economic Growth and World Bank, Delhi March 22-24, 1985.	Developmental Larkages of small scale Industry.
2. Dadi M. M.	Seminar on Structures of Courses and Structure of Courses and Syllabi in Economics, M.T.B. College, Surat, July, 1984.	Structure of courses in Economics at the Degree Level.
3. Dholakia R. H.	2nd International Rangeland Congress Adelaid (Australia) May, 1984.	Problems and Prospects of pasture Development in Mixed Economy.
4. Nanavati A. U.	16th Gujarat Economic Conference, Vallabh Vidyanagar, February, 1985.	Quality of Passenger Service in Gujarat.

Name	*Name, Date and Conference*	*Title*
English Department		
1. Shah B. N.	All India American Studies Association March, 11-13, 1985.	Robert Lowell's Life Studies as a Modern Poetic Sequence.
2. Joneja O. P.	(i) All India English Teachers Conference, December, 1-3, 1984 Poona.	'India in two Canadian Novels : The Night of the Lord (1962) and The Ivory Swing (1982).
	(ii) University of Kashmir, U.G.C. Seminar October 18-21, 1984.	'Images of Society in Indian Fiction : An African Perspective'.
	(iii) Literary Criterion Centre Workshop in Commonwealth Literature, May 15-30, 1984.	'Colonial Consciousness Wole Soyinka's Ake'.
3. Parikh Bharati A.	All Indian English Teachers Conference, 1–3 December, 1984, Poona,	'Cry the Peacock' A Critical Analysis'.
4. Devi G. N.	European Association of Commonwealth Literature and Language Studies Conference, Barcelona (Spain) 11–14, April, 1984.	'Autobiography in India'.
5. Joshi D. A.	(i) Contemporary Indian Writing in English The University of Mysore in January, 1985.	"The State of Indian English Drama Today".
	(ii) The International Symposium on India and World Literature. Delhi University February-March, 1985.	"Only Connect–A Study of the theme of human relationship in Forster's A Passage to India".
	(iii) New writing in Africa-Commonwealth Institute of the Africacentre London 1 to 4. Nav. 1984.	"Indian & African writing in English–Problems of Response.

Name	*Name, Date and Conference*	*Title*
German Department		
1. Srinivasan D.	Seminar on " Methodology of Teaching Foreign Languages " Max Mueller Bhavan, Bombay. 5 to 7th November, 1984.	Development of Communication Skills.
Gujarati Department		
1. Mehta S. Y.	(i) Indian Heritage Seminar, Bombay 9-3-85.	' Mahabharata Draupadi '
	(ii) Gujarat University Lecture, Ahmedabad. 15-2-85.	Gujarati Poetry and the colonial Experience.
	(iii) Palanpur Samaj, Palanpur, 16-2-85.	World Poetry Today Directions.
	(iv) National Seminar on Indian Poetry, Ahmedabad 30-3-85.	Contemporary Gujarati Poetry.
2. Trivedi H. M.	Janasatra by Gujarati Sahitya Parishad at Ratanpur, 26/27-1-1985.	પ્રેા. ડાકેાર પ્રણીત વિચાર કાવ્ય કૃતિમાં અને કથા કૃતિમાં
3. Dave S. M.	Sundaram Amrut Mahotsava Samiti Miyamatar. 26/27-5-84.	સુંદરમની કવિતામાં અરવિંદ
Hindi Department		
1. Shukla D. S.	(i) ' आधुनिक गद्य '—Bhartiya Hindi Parisad Aurangabad, 2 to 3th June 1984.	साठोतरी हिन्दी नाटको मे वैयक्तिक चेतना.
	(ii) समकालीन हिन्दी नाटक और रंगमंच UGC Seminar, Hindi Deptt. Punjabi Uni. Patiala, 8 to 10th Feb, 1985.	समकालीन हिन्दी नाटकोमे वि-संस्कृति करण की विविध दिशाऐ.
2 Gupta M. G.	(i) आचार्य रामचन्द्र शुक्ल भाषा विषयक विवेचन—UGC Seminar S. P. Uni. Vallabh Vidyanagar 23, Jan, 1985.	शुक्लजीकी अपधिविषयक स्थानाये

Name	*Name, Date and Conference*	*Title*
3. Bafna P. R.	(i) आधुनिक कवितामे रसास्वादनकी समस्या—Gujarat Pradeshik Hindi Teachers' Conference Rajpipla, M. R. Arts, College, 26 to 28 Jan, 1985.	उर्वशी
History Department		
1. Chavda V. K.	(i) Indian History Congress 45th Session Chidambaram, 29-31st December, 1984.	Dhaniavi Deer–Preserve: A Study in Changing Ecology Royal Past Time and Peasent Movement, 1956-1940.
	(ii) NISTADS Seminar on Science and Empire 1700-1947 Jan. 21-23, 1985. New Delhi.	The Development of Science Education as Inst. in the Native State of Baroda.
	(iii) SNDT University, Bombay, Seminar on Indian National Congress and Freedom Struggle 1885-1967 March 23, 24, 1985.	The Genesis of Maha Gujarat Movement.
	(iv) National Seminar at the Department of History, the M. S. U. 1 to 3rd March, 1985 on Transition from Pre-colonial to colonial Society, Economy in Western India.	Col. Walker's Settlement in Kathiwad of Land Mark in Transition.
2. Sharma G. D.	(i) U.G.C. Sponsored Seminar on Urban Development and Urban Institutions in Western India, Deptt. of Hist. Gujarat University, Ahmedabad, from 12th to 14th Nov. 1984.	" State and Business in the Urban Economy of Gujarat, C. 1770-c. 1810 : A Study of Haribhakti Records ".

Name	*Name, Date and Conference*	*Title*
	(ii) 45th Session of Indian History Congress held at Chidambaram from Dec. 27-30, 1984.	" Economy and Society of Rural Gujarat in the Second Half of the 18th Century : A Study based on the Haribhakti Papers".
	(iii) I.C.H.R. Seminar on the " Sources on Economic and Social History of Rajasthan and Malwa during the 17th and 18th Centuries " held at Meherangarn Museum, Jodhpur from Feb. 10 to 13, 1985.	" Markets and their Economic Structures in Western India during the 18th Century with special reference to Rajasthan ".
	(iv) I.C.H.R. Western Zonal Seminar on Agrarian Relations in Medieval Deccan, held at the Deptt. of History, Pune, from March 13-16, 1985.	"Zamindars and the Land Rights in South Gujarat during the 18th Century.
3. Mathew K. S.	(i) Seminar on " Urban Development and Urban Inst. in Western India " Deptt. of History, School of Social Sciences, Gujarat University, Ahmedabad, Nov. 12-14, 1984.	" Urban Growth of Diu in the Sixteenth and Seventeenth Centuries ".
	(ii) The Second International Conference on Indian Ocean Studies, Perth, Australia, Dec. 5-12, 1984.	" Trade in the Indian Ocean Region and the Portuguese system of Cartazes in the 16th and early 17th Centuries ".
	(iii) International Seminar on the Indian Ocean, organised by a Committee composed of Prof. Nurul Hasan, Prof. Satish Chandra, New Delhi, February, 20-23, 1985.	" The Portuguese in the Indian Ocean during the Sixteenth and the early Seventeenth Centuries ".

Name	*Name, Date and Conference*	*Title*
	(iv) All India History Congress, Annamalai University, December, 1984.	" Indo-Portuguese Trade and the Gujarat Nobility in the early sixteenth Century " A Case Study of Malik Gopi.
	(v) ICHR Zonal Seminar held in the Deptt. of History, University of Poona under the theme Agrarian Relations in Medieval Deccan March, 1985.	"Agricultural Production in the Deccan during the Seventeenth Century and Overseas Marketing "
4. Bajpai Geeta	(i) Annual Indian History Congress, Annamalai University, Chidambaram, 27th, 29th December, 1984.	"Responses to a changing International Economy during the American Civil War : A Case Study of selection district of Gujarat.
	(ii) Seminar on " Transition from Pre-colonial to Colonial Society and Economy of Western India with special reference to Gujarat " 1-3 March, 1985. Deptt. of History, The M. S. University, Baroda.	" Economy and Society in Transition : A Case Study of Surat Collectorate in the first half of the Nineteenth Century".
5. Shri Ravindra Kumar	Indian History Congress, Annamalai University, Annamalainagar, 26-29th December, 1984.	" Masonary Bridges—An Essay in Medieval Technology. "
6. Pandor G. A.	45th Session of the Indian History Congress, Annamalainagar. Tamilnadu, 27-29 December, 1984.	" The Tabligh Jamat : An Islamic Revival Movement with special reference to Gujarat ".

Name	*Name, Date and Conference*	*Title*
7. Patel Urmila	45th Session of the Indian History Congress, Annamalainagar, Taminadu, 27-29 December, 1984.	Widow Remarriage as reflected in 'Saraswatichandra'
8. Kumar Raj Hans	(i) —do—	A Report on the Instances of Caste Violence in Nineteenth Century Broach.
	(ii) Seminar on "Transition from Pre-colonial to Colonial Society & Economy in Western India with special reference to Gujarat, Deptt. of History, M.S.U. March 1-3-1985.	Transition from Pre-colonial to colonial Economy and Society in Western India : A Case Study of Broach.
9. Mahmud S. Hasan	(i) 45th Session of I.H.C. Chidambaram, Dec. 27-30 1984.	Persian Revenue Documents of a Paragana of Gujarat for the 18th Century.
	(ii) I.C.H.R. Seminar on the Sources on the Economic and Social History of Rajasthan and Malwa during the 17th & 18th Centuries, Jodhpur 10-13 Feb. 1985.	Documents of Agrarian Relations for 17th-18th Centuries Western India—Methodology for Interpretation .
	(iii) I. C. H. R. Western Zonal Seminar on "Agrarian Relations in Medieval Deccan" Poona Univ., March 13-16, 1985.	Recent Trends in the writings of Agrarian Relations in Medieval India.
Linguistics Department		
1. Modi B. V.	(i) "All Gujarati teachers conference", Patan., Nov. 1984.	Survey of Modern Phonology.

Name	*Name, Date and Conference*	*Title*
	(ii) National Seminar on Tense and Aspect, January, 1985.	Aspect voice relation in Gujarati.
Persian Department		
1. Siddiqui M. H.	Anjuman-e-Ustadane Farsi-e-Hind, Osmania University, Hyderabad 9-11th Feb., 1985.	Persian Literature produced in Gujarat
2. Siddiqui Anwarjahan	—do—	Mehammad Pir Shah, his life and work.
Philosophy Dept.		
1. Joshi H. M.	(i) Gujarat Tattuajnan Parishad, 5th Session, Jamnagar 20-21st October, 1984.	What is Philosophising ?
	(ii) ICPR Seminar "Indian Renaissance" 16-17 August, 1984. University of Poona, Pune,	Indian Nationalism
2. Vyas N. J.	Gujarat Tattvajnan Parishad, 5th Session Jamnagar, 20-21 October, 1984.	Tattvajanan Ane Samajik Kshetra"
Political Science Department		
1. Rana A. P.	(i) International Conference on "The Russian Invasion of Afghanistan and its Impact on South Asia." Institute of International Studies, Universitity of South Carolina, Columbia(SC) U.S.A., Feb. 8-9-1985.	Settling the Afghan War An Indian Perspective.

Name	*Name, Date and Conference*	*Title*
	(ii) UGC, DSA Colloquium on "The Indian Study of International Relations : A Western India Perspective ", Dept. of Political Science, M. S. University of Baroda, Baroda. March 4-6, 1985.	A Sub - Disciplinary Framework for the Study of International Relations.
2. Pantham Thomas	(i) 7th Annual Meeting of the International Society of Political Psychology, Toronto, Canada, June 24-27, 1984.	Proletarian Pedagogy Satyagraha and Charisma : Notes on Gramsci and Gandhi
	(ii) Indo-Canadian Seminar on Development, Jaipur Feb. 10-15, 1985.	Key note paper on " Changing Conceptions of Development ".
3. Nandedkar V. G.	"The Role of voluntary Action Groups in a Democratic Society ". Organised jointly by the Bombay Civil Trust and the USIS Bombay, August 23-24, 1984.	A note on Voluntary Associations and Democratic Societies.
4. Mohite D. H.	(i) Indo-U. S. Relations since 1970s. 19th Conference of Indian Association of American Studies, March 1985.	Indo-U.S. Relations since 70s : Partners or Adversaries ?
	(ii) All India Institute of Local Self Government Training Workshop, Baroda. March 3, 1985.	" Executive and Deliberative Wing Relationship Pattern ".

Name	*Name, Date and Conference*	*Title*
Sanskrit Department		
1. Kantawala S. G.	Dharmashastra—Seminar, Bharatiya Vidya Bhavan, Bombay, 15-16, September, 1984.	Puranas and Dharmashastra : Some observations.
2. Rawal A. J.	International Conference on Astrology, All India Astrologers' Federation, Ahmedabad, 11, 12, 13 Feb., 1985.	" The Lalita Sahasranamastotra "
3. Nanavati R. I.	(i) Asadhasya Prathamadivse Seminar on Kalidasa and Bhavabhuti, Ahmedabad 30 June-1 July, 1984.	સાર્થક પુનરુક્તિઓ-ભાસમાં અને કાલિદાસમાં
	(ii) Seminar on the Female-World of Kalidasa, Shakespeare, Tagore. Bombay 28-30 Sept. 1984.	કાલિદાસનાં નારીપાત્રોના મનોવ્યાપાર અને તે દ્વારા પ્રગટ થતાં સનાતન ખોજ, પ્રશ્નો અને સત્યો.
	(iii) VI World Sanskrit Conference Pennsylvania University, Philadelphia, USA, 13-20 Oct. 1984.	Bhavabhuti's statements about Karunarasa. Do they imply any poetic theory ?
4. Deshpande U. S.	VI world Sanskrit Conference, Philadelphia Pennsylvania, USA. 13-20, October, 1984.	Socio-Cultural Conditions Depicted in the Rasikavinoda of Kamalakara Bhatta.
Sociology Department		
1. Choondawat P. S.	17th All India Sociological Conference of Indian Sociological Society, Surat 28-30 December, 1984.	Social Mobility Among the Ex-Jagirdars of Mewar.
Item III	Papers presented at Professional level seminar, Conferences :—	
2. Desai B. S.	A research paper presented a XVIIth All India Sociological Conference of Indian Sociological Society held at Deptt. of Sociology, South Gujarat University, Surat, Dec. 28-30, 1984. Topic :—" Impact of Immigration on a Village Community ".	

Name of the Teacher	*University/Inst. and Date*	*Title of the Lecture*

5 Talks of Academic Nature given at Different Universities :

Archaeology Department

1	Hegde K. T. M.	(i) School of Archaeology, Archaeological Survey of India, New Delhi, 16-19 Aug. 1984.	A series of five lectures on Environmental Archaeology.
		(ii) Geology Department, Faculty of Science, M. S. University. 31 August, 1984.	Radiometric methods of dating the past.
		(iii) Academy of Science, USSR, Moscow, 15 Sept. 1984.	Mining, smelting and smithery of copper in Ancient India.
		(iv) Academy of Science, USSR Leningard 23 September, 1984.	Technology of Zinc Production in Ancient India.
		(v) Birla Industrial Technological Museum, Calcutta. 10 and 11 January, 1985.	(i) Technology of Zinc Production in Ancient India.

Economics Department

1.	Kothari V. N.	U.G C. Seminar on Geography and Business, Deptt. of Geography, Faculty of Science, 4th February, 1985.	Geography and Businccss.

English Department

1.	Birje-Patil, J.	(i) Department of English. Gujarat Univ. Ahmedabad 11 Feb. 1985.	Time in Shakespeare.
		(ii) S. P. Univ. Vallabh Vidyanagar. 14 Feb. 1985.	Indian Identities in Indo-English. Literature.
		(iii) —do—	Samuel Beckett's "Waiting for Godot" as Class-room Text.
2.	Seshadri C. U.	Regional Institute of English Bangalore. 15 Nov. 1984.	State of the Art in ELT.

Name of the Teacher	*University/Inst. and Date*	*Title of the Lecture*

Hindi Department

1.	Shukla D. S.	Panjab University, Chandigarh, 13 March 1985.	—
2.	Gupta M. G.	(i) L. D. Arts College. Gujarat University, Ahmedabad. 21 Jan. 1985 (2 Lectures).	(1) — (2) —
		(ii) M. R. Arts College. South Gujarat Univ. Rajpipla. 24 Jan. 1985.	—

History Department

Desai S. K.	Saurashtra University, 3 January, 1985.	Changing Patterns of Historical Studies.

Philosophy Department

Joshi H. M.	(i) Faculty of Fine Arts, M. S. University of Baroda, 8th, 15th December, 1984.	Phenomenology and Marleau Ponty
	(ii) M.T.B. Arts College, Surat, Jan. 1985.	—

Political Science Department

Rana A. P.	School of International Studies, J. F. Kennedy Special Welfare Centre, Fort Bragg, Fayetville, North Carolina, U.S.A. February 16, 1985.	India's Security Outlook, Indo-Pakistan Relations, and U.S. Security in South Asia

Sanskrit Department

1.	Kantawala S. G.	(i) Vaishnav Samaj, Baroda 27-4-1984.	Nature of Soul in the Suddhadvaita Philosophy.
		(ii) Aryakanya Mahavidyalaya Baroda, 11-8-84.	Sanskrit Language : Its Beauty

Name of the Teacher	*University/Inst. and Date*	*Title of the Lecture*
2. Nanavati R. I.	(i) South Gujarat College Teachers Association, Surat, 3-8-84.	Gaudapada.
	(ii) M.T.B. College, Surat, 15-1-85.	Prose Romances in Sanskrit.
	(iii) Sanskrit Vidvat Sabha, Baroda. 23-2-85.	Atharvediyam Aprisuktam.
3. Deshpande U. S.	(i) Theosophical Society, Baroda, 6-7 May, 84.	Vivekacudamani of Sankara.
	(ii) All India RSS Camp, Baroda, 25-5-84.	Indian Heritage.
	(iii) Sanskrit Mahavidyalaya Baroda, 11-1-85.	Samskratasyas' Rethatiam
	(iv) Ramakrishna Vedanta Centre, Baroda 30-1-85	Philosophy of Saint Tukaram.
	(v) Maharashtra Samaj, A'bad 12, 7, 13 Feb. 1985.	Life, Works and Teaching of Saint Ramdas.
	(vi) Deshastha Society 17th March, 1985.	Message of the Saint Ekanath
	(vii) All India Radio, Baroda 5-10-84	Sankara's contribution to National Integration
4. Jani J. A.	(i) Faculty of Performing Arts, Baroda. 31-1-85 & 1-2-85.	Nayikas in Gitagovinda (Two lectures under extra-mural scheme) Viveka Chudamani of Sankara (11 lectures)
	(ii) Ramkrishna Mission Centre, Baroda. 10-10-84 to 13-3-85.	Viveka Chudamani of Sankara (11 Lectures)
Sociology Department		
Patel Pravin J.	(i) Deptt. of Sociology, Shivaji Univ. Kolhapur, Jan. 23-24, 1985.	Indian Trade Union Movement.
	(ii) Faculty of Management Studies, M. S. Univ. of Baroda, Dec. 9, 1985.	Social Environment Business in India.

Name of the Teacher	*Programme, Place and Date*	*Capacity in which participated*
6. Participation in Professional Programmes, Work-Shops, Seminars etc.		
English Department		
1. Joneja O. P.	Commonwealth Literature Workshop, Literary Criterion Centre, Mysore, 15-30 May, 1984.	Participant
2. Joshi D. A.	—do—	Participant
3. Vanikar Ranu V.	Faculty for Short-term Institute for Teachers of English, Gujarat University, October-November, 1984.	Participant
French Department		
Puri S.	All India Autumn Institute on French Poetry 27th November, 1984	Participant
Sociology Department		
Desai B. S.	National Seminar on " Geography and Business (Inter disciplinary) Dept. of Geography M. S. Uni. of Baroda Feb. 4th to 7th 1985.	
Gujarati Department		
1. Panchal S. J.	U.G.C. National Workshop for preparing syllabus and sets of question papers for Research Scholarships Rajkot, 10-1-85 to 16-1-85.	Representative of the Dept. of Gujarati, M. S. University, Baroda.
2. Pandya S. N.	Workshop on Literary Criticism Gujarat University, Ahmedabad 27-10-84 to 16-11-84	Invitee
3. Majority of the members of the staff.	(i) Seminar on the form of folk-literature and documentation of performance, Baroda 23, 24 March 85.	Participant

Name of the Teacher	*Programme, Place and Date*	*Capacity in which purticipated*
	(ii) Seminar on Modern National Poetry, Ahmedabad. 30, 31 March, 1985.	Participants
History Department		
1. Iftikhar Ahmed	Seminar on Transition from Pre-Colonial to colonial Society and Economy in India, M. S. U. Baroda, 1-3 March, 1985.	Participant
Hindi Department		
1. Shukla D. S.	(i) Bhartiya Hindi Parishad Convocation, Aurangabad—2-4th, June 1984	Presided over a Session of the Seminar on Modern Hindi Prose.
	(ii) U. G. C. Seminar, Punjabi Univ. Patiala 8-10-Feb.-85.	Presided over a Session on Contemparay, Hindi, Drama & Stage.
2. Gupta M. G.	(i) Seminar University of Delhi 21-23 Feb. 1985.	Presided over Session on literacy criticism in Bengali & Marathi Literature.
	(ii) Gujarat Pradeshik Hindi Teachers' Conference 25-27 Jan., 85	Presided over a Session on Modern Hindi Poetry.
3. Bafna P. R.	Workshop on Poetry, Oct. 1984.	Participants
4. Desai P. K.	Hindi Nava literature Kavya Shivir, Central Hindi Directorate, Delhi, 17-24 Sept. 84.	As a Poet also read a Paper
Philosophy Department		
Joshi H. M.	59th Session of Indian Philosophical Congress Jabalpur (M. P.) 27–30th December, 1984	President, Section of Epistemology and Metaphysics

Name of the Teacher	*Programme, Place and Date*	*Capacity in which participated*
Political Science Department		
Rana A. P.	(i) UGC Visiting Professor/Fellows Programme, Post-Graduate Department of Political Science, University of Kashmir, Srinagar. October 15 to 31, 1984.	UGC Visiting Fellow
	(ii) UGC Exchange of Teachers Scheme, Department of Political Science, Marathawada University, Aurangabad. March 21–23, 1985.	Visiting Exchange Professor
	(iii) UGC Special Assistance Colloquium on "The Indian study of International Relations: A Western India Perspective", Deptt. of Political Science, The M. S. University of Baroda March 4–6, 1985.	Honorary Director
Sanskrit Department		
1. Kantawala S. G.	(i) UGC Workshop, Delhi University, Delhi 8–15 Dec. 84.	Participant
	(ii) Seminar on Undergraduate and Postgraduate Syllabii and courses in Sanskrit (COHSSIP Scheme) M.T.B. College, Surat, 17 March 1985.	As an expert member: Presided over a session.
	(iii) Dharmasastra Seminar, Bhartiya Vidya Bhavan, Bombay, 15–16 Sept. 84	President of a session.

Name of the Teacher	*Programme, Place and Date*	*Capacity in which participated*
2. Rawal A. J.	(i) Seminar on Examinations Gujarat State University and College Sanskrit Teachers' Association, Ahmedabad. 26–27 Jan. 1985.	Participant
	(ii) Summer School in money Scriptology, L.D. Institute of Indology. Ahmedabad, 5–15 May, 1984.	Participant
3. Nanavati R. I.	(i) Summer School in Manuscriptology, L. D. Institute of Indology, Ahmedabad. 5-15 May, 1984.	Participant
	(ii) Seminar on Bhavabhuti Ahmedabad. 30 June–1 July, 1984.	Invitee Speaker.
	(iii) Seminar on Female World of Kalidasa, Shakespeare, Tagore, Bombay 20-30 September, 1984.	—do—
	(iv) VI World Sanskrit Conference, Philadelphia, USA. 13-20 October, 1984.	Participant speaker.
4. Deshpande U. S.	VI World Sanskrit Conference, Philadelphia (U.S.A.) 13–20 Oct. 88.	Participant Speaker

Sociology Department

1. Patel Pravin J.	Seminar on Industrial Workers and Social Change at Centre for Social Studies, Surat. 16-17 Feb., 1985.	Invitee Participant

Name of the Teacher	*University/Inst. and Date*	*Title of the Lecture*

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

English Department

Shakespeare Society staged two plays :

The Diary of Anne Frank : 9th and 10th February, 1985
Loot : 11th and 12th February, 1985

The plays were performed again at Ahmedabad on the 13th and 14th February, 1985.

German Department

Exhibition of Reproductions of German Masters 13th to 15th August, 1984, Faculty of Fine Arts Hall.

8. National and International awards and Distinctions :

Archaeology Department

Name of the Teacher	*Description of the Award*
Hegde K.T.M.	Deputed as one of the seven-member Indian delegation to the Second Indo-Soviet Symposium on the problems of Archaeology and to visit archaeological institutions and excavation sites in the U.S.S.R., Sept. 14-30, 1984.

Political Science Department

1. Rana A. P.	Appointed expert member, UGC National Panel on Political Science and Public Administration.
2. Panthom Thomas :	Hari Om Prize for Political Science for 1984.

Sanskrit Department

Raval, A. J. :	Jyotish—Mahamahopadhyaya by the All India Astrologers' Federation, at the International Conference on Astrology held at Ahmedabad on 11th, 12th and 13th February, 1985.

Name of the Journal	*Name of the Editor/s*	*Periodicity of Publication*

9. Faculty Publications

English Department

Setu, Journal of Indian Literature in Translation	G. N. Devi	Quarterly

Name of the Journal	*Name of the Editor/s*	*Periodicity of Publication*
French Department		
Le Revue De L.O.C.D.F.	Puri. S. Faye Paul	1984-85
History Department		
(i) Tarikh-i-Mehmud-Shahi	Late Misra S. C.	1984-85
(ii) Studies in Trade and Urbanisation	Chavda V. K.	1984-85
Sanskrit Department		
Rasa Theory	Bhatt G. K.	August, 1984

N.B. :—This book contains the lectures delivered by the author as Tagore Chair, Professor in the Department.

10. Visitors

Name	*Designation*	*Date/Duration of the Visit*
Archaeology Department		
1 Mr. Agrawaia R. C.	Former Director of Museum and Archaeology, Government of Rajasthan, Jaipur.	9-4-1984
2 Prof. K. V. Raman	Head, Department of Ancient History and Archaeology, University of Madras, Madras.	19-4-1984
3 Dr. M. S. Nagaraj Rao	Director General, Archaeological Survey of India, New Delhi.	19-4-1984
4. Prof. Andres Harnnovoez	Harvard University, U. S. A.	4-5-1984
5. Shri H. M. Mehta	Chairman, American Society for Metals, Bombay	9-7-1984
6. The Honourable Shri B. K. Nehru & Smt. Shobha Nehru.	Visitor, M. S. University, Baroda	16-7-1984
7. Prof. Amita Verma	Acting Vice-Chancellor, M. S. University, Baroda.	17-12-1984
8. Prof. Gregory Possehl	University of Pennsylvania Philadelphia U.S.A.	31-12-1984
9. Prof. K. D. Bajpai	Sagar University, Sagar	29-3-1985

Name	*Designation*	*Date/Duration of the Visit*
Economics Department		
1. Prof. C. T. Kurien	Director, Institute of Development Studies, Madras	9-7-1984
2. Prof. A. L. Nagar	Director, Delhi School of Economics	9-1-1985
3. Prof. N. K. Chaudhary	University of Toronto, Canada	9-8-1984
4. Prof. M. V. Nadkarni	Professor at the Institute for Social & Economic Change, Bangalore	28-1-1985
English Department		
1. Mr. Arthur Ravenscroft	Professor of English, University of Leeds, U. K.	June 5-11 1984
2. Mr. Brain Patten	British Poet, London	19-21, December, 1984
3. Mr. John Stachneiwsky	Lecturer in English, University of Manchester, U. K.	25-12-1984 to 8-3-1985
4. Dr. Alian Durant	Lecturer, University of Stratnhclyde U.K.	30-12-1984 to 5-1-1985
French Department		
1. Mrs. Langland	Former French Teacher	August, 1984
2. Mr. Forler	Director of the Alliance Francaise, Ahmedabad	Inaugural Lecture during the Cultural week on 21st Feb. 1985, 20-22 Feb. 1985
3. Mr. Jean Jacques Mafraner	Educational Advisor, Cultural Services, French Embassy.	20-22 Feb. 19S5
Hindi Department		
1. Dr. S. R. Trivedi	Professor of Hindi, S. P. University, Vallabh Vidyanagar.	24-1-85
2. Dr. A. S. Nagar	Prof. & Head., Dept. of Hindi & Director, School of Language, Gujarat University, Ahmedabad.	18-20 March 1985

Name	*Designation*	*Date/Duration of the Visit*
Linguistics Department		
1. Dr. Schieter	Professor, Institute for Phonetics, Munich, West Germany	August, 1984
2. Dr. Dave Rashekant	Cornell University, U.S.A.	September, 1984
3. Dr. Joshi S. D.	Head, Department of Sanskrit, University of Poona, Pune	November, 1984
4. Dr. Nayer Prabodhchandra	Head, Department of Linguistics, Kerala University, Trivandrum	February, 1985
Marathi Department		
1. Dr. (Mrs.) Vaidya S. S.	Lecturer, Department of Marathi, University of Bombay	24-9-1984
2. Dr. Punde S. S.	Reader in Marathi, Modern College, Pune	—do—
Persian Department		
1. Prof. Chowdhary S. R.	Reader in Arabic, University of Delhi, (National Professor)	24-27 Sept., 1984
2. Sri Ansari N. H.	Prof. and Head, Department of Persian, University of Delhi, (National Professor)	20-27 Jan., 1985
Political Science Department		
1. Jack Hayward	Professor of Politics University of Hull and Visiting Professor, University of Paris.	6-10 Aug., 1984
2. Prof. Liebman Lawrence	Associate Dean, Harvard Law School, U.S.A.	Sept., 11, 1984
3. Prof. G. Wirsing Robert	Professor of Government and International Studies, University of South, Carolina, U.S.A.	Sept. 5 to Oct. 3, 1984
4. Prof. Moore Robert	Professor of Sociology, Aberdeen University, U.K.	Jan. 10, 1985
5. Prof. Patel Hasu	Professor of Political Science, University of Zimbabwe, Africa	Jan. 10, 1985

Name	*Designation*	*Date/Duration of the Visit*
6. Prof. Swarup Shanti	Professor and Head, P. G. Department of Political Science, University of Kashmir, Srinagar	Feb. 24 to March 10, 1985
7. Prof. Koblitz	Retired distinguished American Professor of Political Science, and Social Studies, Lectured on " Role of U. S. Supreme Court and its future "	March 11, 1985
8. Prof. Dalmayer Fred	Institute of International Studies, University of Notre Dame, U.S.A. Lectured on " Political Enquiry : Beyond Empiricism and Hermeneutics "	March 15, 1985
Sanskrit Department		
1. Prof. Joshi S.D.	Professor and Head, Department of Sanskrit, University of Poona, Director, Centre for Advanced Studies in Sanskrit, Poona University, Pune	24 July, 1984
2. Prof. Sharma Ram Murthi	Professor of Sanskrit, Punjab University, Chandigarh	25 Sept., 1984
Sociology Department		
1. Mr. Engineer Asghar Ali	Director, Institute of Islamic Studies, Bombay	10 Sept., 1984
2. Prof. Shah Vimal P.	Professor and Head, Department of Sociology, Gujarat University, Ahmedabad.	1-15 December, 1984
3. Prof. Moore Robert	Professor & Head, Department of Sociology, University of Aberdeen, Scotland, U. K.	January 1985

11. Any activity in the Faculty involving innovation in: Teaching, Research.

Economics Department

Under the U. G. C. sponsored planning Forum in the Department of Economics, a study tour to a Tribal area Chhotaudaipur was organised on 17th and 30th August, 1984 involving teachers and post-graduate students. The Students collected data on consumption pattern and other economic aspects and analysed the data in the Department.

French Department

Courses on Conversational French were conducted by Mr. Jean Jacques Magraner from the 20th-26th February, 1985. Two groups of students participated, one group of beginners and the other of advanced students. Each group worked for two hours every day. Mr. Magraner used tapes and songs and real life situations.

History Department

(i) The M. Phil. course has been divided introducing innovation in teaching and research.

(ii) The course is inter-disciplinary in nature.

(iii) The candidate will be examined wholly internally except the dissertation part of it by class-work, seminar work and assignments. For the dissertation one external expert will be invited for the evaluation.

12. Any programme of the Faculty for the benefit of the Community.

Archaeology Department

During the month of August, September and October, 1984, the Department of Archaeology and Ancient History put up an exhibition in its museum as a service to the community, specially to school children in Baroda and nearby towns. The exhibition presented the evidence unearthed by the department at Zawar that has enabled it to reconstruct the ancient Indian Zinc distillation technology and a display of the process of manufacture of bangles and ladles from Turbinela pyrum and Chicoreus Ramosus-gas-tropods, in 2500-2000 B. C. during the mature Harappan period, unearthed in the excavations at Nageswar. near Dwarka in Jamnagar District.

During the months of February and March, 1985 the Department of Archaeology and Ancient History carried out an excavation of a rural Harappa Culture settlement at Ratanpura Village in Sami Taluka of Mehsana District. The excavation has yielded valuable new data on the terminal stages of Harappa Culture in Gujarat.

Economics Department

Department of Economics was recognised as Department for Special Assistance by the UGC during the year 1984-85. The D.S.A. programme has been implemented from 1st March, 1985.

French Department

A Cultural week was organised by the Department with a week long programme of films and lectures on French literature and French Art. The students also put up a cultural Programme organised by the department. This included a scene from Margueris Duras "India Song". They also presented French Songs.

German Department

(i) Staging of play "The Grand Tirade at the City Wall" directed by Dr. D. Shrinivasan—11th September, 1984.

(ii) Workshop on "How land a job" by Prof. D. J. Luttgau. 6th January, 1985.

(iii) Screened 17 films under auspices of D.F.L. Film Club.

History Department

(i) The Department was able to secure a very valuable record in the family papers of the famous Haribhakti house.

(ii) Valuable microfilms of Co. Alexander Walker's papers from U.K. were secured.

(iii) Mountstuart Elphinstone's private papers concerning Bombay Gujrat were obtained in Microfilms from the India Office Library, London.

(iv) Four field trips to Kathiawad, Kuch, North Gujarat and former Portuguese possessions in Gujarat were undertaken for data collection. Useful contacts have been established and some good data are also collected.

Any activity in the Faculty evolving innovation in teaching/research.

Linguistics Department

Dr. Bharati Modi is working on sicolinguistic research on 'Parsi Gujarati dialect'. Also continued to work on Laryngeal features of Gujarati Phonology.

Sociology Department

I Students' Gift Book Collection

This Collection has become an integral feature of the Department. It has steadily developed and caters to the needs of S. Y., T. Y. & M. A. students. Today there are 340 books plus some articles, reprints, typed articles, xeroxed chapter copies. Most of these have been gifted by the students of the Department. Attempt is made to purchase and add new copies of the textbooks and reference books. The collection is managed by Students' Committee and Department Clerk with the help of guidance of the teacher-in-charge. Books are issued to the students for home reading.

II. Sociology Students' Association

This was the 11th year of the Association (1984-85). The President of the Association was Prof. A. P. Rana. The following teachers were the Office Bearers. Ms. C. M. Bharucha, Teacher Adviser, Mr. N. Rajaram, Teacher Co-Advisor, Mr. P. J. Patel, Auditor and Mr. P. S. Choondawat, Treasurer.

The Association organised various programmes during the year. Besides the inauguration function (13-12-1984), the other important events were Sports Day, Picnic, etc.

Extra Activities

Sanskrit Department

1. Professor S. G. Kantawala :
   1. Member of some Committees of the UGC, New Delhi.
   2. Member on Selection Committees and Board of Studies of some Universities.
   3. Member of Academic Programme Committee, All India Oriental Conference—Ahmedabad Session.
   4. Elected unanimously as the Vice-President of the Gujarat State University and College Sanskrit Teachers' Association.
   5. Elected unanimously as the Vice-President of the Sanskrit Vidvat Sabha, Baroda.
   6. Invited to act as an advisor for a Special Issue of " Music and Mythology " of the Journal of Indian Musicology and Society, Baroda (28-7-1984)
   7. Member of the editorial board of the Jivatman volumo to be published by the Bharatiya Jnana Pracharini Sabha, Baroda.
   8. Representing the Department of Sanskrit, Pali & Prakrit, Faculty of Arts and Oriental Institute on the Bharatiya Jnana Pracharini Sabha.
2. Dr. A. J. Raval :

Elected as Secretary, Gujarat State University and College Sanskrit Teachers, Association, Ahmedabad.

3. Dr. R. I. Nanavati :

Vice-President, Sanskrit Seva Samiti, Ahmedabad.

4. Dr. (Smt.) U. S. Deshpande :

Invited as one of the judges for elocution competition in Sanskrit at (1) Sanskrit Mahavidyalaya and (2) Swami vidyanandaji Vidya Vihara, Baroda.

CHAPTER VIII

FACULTY OF SCIENCE

CHAPTER VIII

1. Courses of Studies

Introduction of New Courses :

(i) Started a part-time evening M.Sc. course in Bio-chemistry of 4 years duration for Chemistry Science Graduates who are employed in hospitals, industries or academic Institutes and want to further their qualifications.

(ii) P.G. Diploma course in Cartography (one year) in the Department of Geography.

2. Published Articles/Papers

	Name/s	*Title*	*Name of the Journal wherein published with date of publication*
	Bio-chemistry		
1.	Shah Raksha and Rajalakshmi R.	Vitamin A Status of the new born in relation to gestational age body and weight and maternal nutritional Status.	Amer J. Clin. Nutr., 30, 794-800, 1984.
2.	Telang S. D., Fuller, G., Wiggins R. and Enna S. J.	Early undernutrition and 3 (H) raminobutyric acid binding in rat brain.	J. Neuro, Chem., 43, 640-645, 1984.
3.	Ramkrishnan C. V., Parekh L. J., Shah Varsha, Ramchand C. N. and Parmar K.	Role of micro-organisms in improving nutritional status of the poor.	Baroda J. Nutr., 10, 19, 1983.

Sr. No.	Name/s	Title	Name of the Journal wherein published with date of publication
4.	Ramchand C. N., Parekh L. J. and Ramkrishnan C. V.	Synthesis of C/14 labelled B-N oxalyl (L)-B-diamine propionic acid at oxalyl carbon atoms	Bulletin of Pure and Applied Sciences, 12, 29, 1983.
5.	Leichter J., Goda T., Bhandari S. D., Koldovsky O.	Relationship between diatary induced increase of intestinal disaccharidase activities and disaccharide digestion and absorption in adult rates	Amer J. Physiol, 20, G-207, 1984.
6.	Srivastava S. K., Vashi D. J. and Naik B. I.	Control of senescence by polyamines and guidelines in young and nature barley leaves	Phytochem., 22, 2151, 1983.
7.	Srivastava S. K. and Rajalakshmi R.	Effect of amines and guanidines on AT Pase from maize scutelum	Phytochem., 22, 2675, 1983.
8.	Srivastava S. K. and Rajalakshmi R.	Effect of amines and guanidines on peroxidase from maize scutellum.	Phytochem., 22, 2681, 1983.
	Botany		
1.	Sreedhar D. and Mehta A. R.	In vitro shoot differentiation from hypocotyledonary and epicotyledonary explants of phaseolus lunutus.	Indian J. Expt., Biol., 22 (6): 345-346, 1984.
2.	Desai H. V. and Mehta A. R.	Changes in Polyamine levels during shoot formation, root formation and callus induction in cultured Passiflora leaf discs.	J. Plant Physiol., 119 (1): 45-53, 1985.
3.	Jasraj Y. T., Bhatt P. N. and Mehta, A. R.	Changes in DNA and protein contents during embryogenesis in Raphanus Sativus var. Candatus Linn.	The Nucleus, 28 (1-2); 49-52, 1985.
4.	Sabnis S. D. and Bhatt R. P.	Notes on A. Campanula Linn.	Geobios new Reports, 3: 156-158, 1984.
5.	Daniel M. and Sabnis S. D.	A numerical evaluation of taxonomic status of Nyctanthus	In: Current Studies in Botany: Prof. K. B. Deshpande Commemoration, Vol. published by Ind. Bot. Reptr., pp. 47-52, 1984.

6.	Padhye P. M., Daniel M. and Sabnis S. D.	Taxonomy of Jacaranda Juss. (biggoniacese) from a chemical view point.	J. Econ. Tax. Bot. 5 (4): 867-870, 1984.
	—do—	A chemical study of Clerodendrum Linn. with comments on evolutionary trends.	J. M.S.U., Baroda, 30 (3): 1-6, 1984.
7.	Sabnis S. D. and Rao K. S. S.	Floristic composition and phytogeophical analysis of the flora of South Eastern Kutchh.	J. Econ. Tax. Bot 6 (2): 341-346, 1985.
8.	Bhatt P. N. and Bhatt D. P.	Regulation of Sterol biosynthesis in Solanum species.	J. Exptl. Bot. 35: 890-896, 1984.
9.	Bhatt P. N. and Bhatt D. P.	Changes in Sterol content during leaf aging and in vitro differentiation in Solanum ni rum.	J. Natl. Products 47 (3): 426-432, 1984.
	Chemistry		
1.	Bhattacharya P. K.	(i) Study of copper (II) and Nickel (II) ternary complexes involving tertiary amines and phenyl or hydroxyl phenyl substituted aminoacids.	J. Inorg. Biochemistry 21, 169-177 1984.
		(ii) Study of binoler copper (II) complexes derived from tetradentate mannich base complexes.	Ind. J. Chem. 23-A, 527-29, 1984.
		(iii) Potentiometric determination of the formation of ternary complexes of copper (II)	Ind. J. Chem. 23-A, 596-598, 1984.
2.	Trivedi K. N.	(i) Synthesis and pharmacological studies of 5-Alkoxy Pyridine 2-carboxylic acid: Fusaric acid analogcus.	Indian Drugs, 22: 299, 1985.
		(ii) Mesomopraphic Homologus series : 4 formyl phenyl (6-n-alkoxy-2-Napthalene carboxylates (1) and (2) Acetyl napthalie-Gyl-4-n-alkoxy-benzostes (II)	Molecular crystals and liquid crystals 106; 95, 1984.
		(iii) Studies in synthesis of forcoumarins part XXVII-synthesis of 5-methyl-3, 4-diphenyl proraline and Angilicin.	Ind. J. Chem. 24B, 47, 1985.

Sr. No.	Name	Title	Name of the Journal wherein published with date of publication
3.	Misra S. N.	(i) Spectrophotometric studies of pr 3+ schiff base complexes.	Ind. I. Chem. 23A, 239, 1984.
		(ii) Spectrophotometric studies of Pr 3 + complexes with cysteine.	Indian J. Pure and Appl. Phys. 21, 127, 1984.
4.	Shah A. C.	Photochemical and Thermal Transformations of unsymmetrical Dioakyl, s, phlzdayl dioxanthates.	Ind. J. Chem. 2313, 509, 1984.
5.	Ram R. N.	Catalytic activity of chromium (III) in the decomposition of hydrogen peroxide.	Kinetics and catalysis, 25, 1105, 1984.
6.	Kapadia R. N.	Chelating properties of Amphoteric Ion Exchangers Part-II.	Ind. J. Chem., 23A. 757, 1984.
	Geography :		
1.	Rangaswamy V. C. and Vyas J, P.	Use of Gobar Gas as manure and energy resources in rural Development.	25th Indian Science Congress Parsis Alpes 1984 Varanasi : NAGI Publication 32 ICRHS Pub. 7, 1985.
2.	Sinha R.N.P.	Cartographic Revolution	In a book Modern Geographical concepts Eds. Prasad, Banarjee and Dutt 1985, Burdwan.
3.	Det Jayshree Gollerkari R. S.	Morbidity of Infections Hepatitis in Vadodara.	Annals of the National Association of Geographers India, Vol. IV. No. 2, Dec., 1984.
4.	Rizvi S. N. H. and Hashim S. R.	Pattern of Seasonal Migration. A study of Tribal Area.	Journal of Maharaja Sayajirao University of Baroda Vol. XXXI-XXXII 1982-83 No. 2, Social Science Number, Dec., 1984.
	Geology :		
1.	Merh S. S., Vashi N. M., Sharma T. and Kansakar D. R.	Terraced Quanternary deposits of Kathmandu Valley, Nepal.	Proc. Symp. Quat. Episodes, Dept. of Geology, M. S. Uni. Baroda pp. 7 to 14.
2.	Patel M. P., Patel S. G. and Merh S. S.	Geomorphic evidence of Quaternary sea level changes in Mahi-Tapi coastal segment of Gujarat.	Proc. Symp. Quat. Episodes, Dept. of Geology, M. S. Uni. of Baroda, pp. 49 to 62.
3.	Ganpathi S., Desai S. J. and Merh S. S.	Significance of Narmada Geogracture in Quaternary history of Gujarat Coast.	Proc. Symp. Quat. Episodes, Deptt. of Geology, M. S. Uni., Baroda pp. 97 to 107.
4.	Shah A. N. and Shringarpure D. M.	(i) Geology of the area around Pauri Garhwal Himalaya: Some unresolved problems.	Him. Geol., Vol. 12, pp. 68 to 80 W.I.H.G., Dehradun.
		(ii) Patterns of pyritization as revealed by SEM studies in the obstracodes from Nilkanth area, Pauri Garhwal Himalaya.	Proc. Xth Indian Colloquim on Micropaleontology and Stratigraphy MACS. Pune, pp. 419 to 432.
5.	Sharma R., Shah A. N. and Shringarpure D. M.	Litho-structural control of Hiyuniriver basin, Pauri Garhwal Himalaya-Study based on morphometric analysis.	Him. Geol. Vol. 12 pp. 295 to 304 W.I.H.G. Dehradun.
6.	Shringarpure D. M.	Mesozoic of Kutch (India) Middle Jurissic Lower cretaceous depositional envoirnments as revealed by bio-edimentray structures.	Third symp. on Mesozoic Ecosystems Short papers Ed. by Westpual, Tubingen West Germany.
7.	Gadekar D. R.	Groundwater Resources of Marathawada.	Proc. Symp. on "Groundwater Resources of Marathawada" Pub. by Marathi Vidyan Parishad, Bombay, pp. 2 to 3.
8.	Shah A. N. and Jadhav P. C.	(i) Geomorphology and Neotectonics of the Tal Valley area in Pauri Charwar Himalaya.	Proc. Symp. Quat. Episode, Deptt. of Geology, M. S. Uni. of Baroda, April, 1984.
		(ii) Mesozoic Era	Vishwakosha (Encyclopedial) Ed. L. S. Joshi, Govt. of Maharashtra, Vol. 12, pp. 1102 to 1106.
		(iii) Epeirogenic Movements.	Vishwakosha (Encyclopedia) Ed. L. S. Joshi, Govt. of Maharashtra, Vol. 12, pp. 1395.
9.	M. G. Hardas and Patel M. P.	Coastal Sands of Saurashtra and their Environmental Significance.	Proc. Symp. Quaternary Episodes, Deptt. of Geology, M. S. Uni. Baroda.
	Mathematics :		
1.	Patel N. V. and Shah V. M.	(i) A note on the absolute convergence of lacunary Fourier Series.	Proc. of American Mathematical Society. Vol. 93, No. 3, 1985, pp. 433-439.

Sr. No.	Name	Title	Name of the Journal wherein published with date of publication
		(ii) On the absolute summability of lacunary Fourier Series.	Publications De L' Ins. Maths. Nouvelle Serie Tome 37 (51), 1985, pp. 89-92.
2.	Patadia J. R.	Local theorems for the absolute convergence of multiple lacurnary Fourier Series.	Maths. Annalen 271, 1985, pp. 81-89.

Microbiology :

1.	Mehta N., Dholakia, J. N. and Chhatpar H. S.	(i) Biodegraduation of gum by *penicillium* sp. and its control.	J. Food Sci. and Tech. Aug. 1984, 21, 198.
2.	Ram S., Nair, B. G. and Chhatpar H. S.	(i) Phosphate Mediated changes in fatty acid composition in *Neurospora Cressa*	Neurospora News Letter, 1984, **31**, 28.
		(ii) Photoregulation of some enzymes from *Neurospora cressa.*	Experientia 1984, **40, 1382.**
3.	Palejwala V. A., Sattur A. P., and Modi V. V.	Some Factors Responsible for the spoilages of Mangoes by *Penicillium Cyclopium.*	Food Microbiology 1984, **1**, 255-263.
4.	Palejwala V. A., and Modi V. V.	Post-harvest spoilage of Mangoes by *Penicillium Cyclopium* and its control by Gamma-radiation and a Fungicide.	Phytopathol. Z. 1985, **112**, : 63-68.
5.	Sharma S., N. Jain and Shah A. K.	Occurrence of Azotobacter *chroococcum* in *pothos scandens.*	Curr. Sci., 1985, **54**, 142.
6.	Vaidya B. S. and Shah A. K.	Possible cocurrence of citra-malate pathway in blue-green alga-Nostoc.	Indian Botanical Reporter,, Prof. K. B. Deshpande Commemoration 113-115, 1984.
7.	Toraskar M. V. and Modi V. V.	Peroxidase and Chilling injury in banana fruit.	J. Food Agri. Chem. 1984, **32**, 1352.
8.	Rao S. P., George and Modi V. V.	(i) Factors affecting the Production of glutamine synthetase II in R. *Meliloti.*	Ind. J. Exp. Biol. **22**, 533-535, 1984.
		(ii) The response of Phizobium meliloti to Methionine Dl-Sulphoxi-mine.	J. Bioscience **6**, 839-845, 1984.

9.	K. Shailubhai, S. R. Sahasrabudhe, Vora K. A. Modi, V. V.	Degradation of chlorobenzoates by *Aspergillus niger.*	Experimentia **40**, 406-407, 1984.
10.	Mehta A. N., Patel K. A. and Dave P. J.	Purification and some properties of an inhibitory protein isolated from L. *acdiophilus* AR—1.	Miloh issenchaft **39**, 86, 1984.
11.	K. Shailubhai, Rao N. N. and Modi V. V.	Treatment of petroleum industry oil sludge by Rhodotorula sp.	European J. Appl. Microbiol. Biotech, **19**, 437, 1984.
12.	Dholakia J. N. and Modi V. V.	Regulation of Carotenogenesis by inorganic phosphate in *B. Trispora*	J. Gen. Microbiol. **130**, 2043, 1984.
13.	Modi Mayuranki, Shah Ketan and Modi V. V.	Isolation and characterization of catechol like siderophore from cowpea Rhizobium RA-1.	Arch. Microbiol. **141**, 156, 1984.

Physics

1.	Desai and Bhatt V.P.	A sample holder for cutting single crystals along any desired X-ray oriented plane.	J. App. Cryst. 1984, 17, 369.
2.	Chandra B. P., Verma R. D., Majmudar B. and Bhatt V. P.	Dependence of mechano luminescence on the microhardness and dislocations density in crystals.	Phys. Status. Solidi 1984, 83, 19-22.
3.	Desai C. F., Pandya G. R. and Bhatt V. P.	Etching characteristics of screw and Edge dislocations on the cleavage plane of B1-Sb single Crystals.	Surface Tech. 1984, 21, 379-381.
4.	Rao N. S., and Desai H. S.	Position Scattering by Hydrogen, He and Li atoms.	Current Science Dec. 20, 1984, Vol. 53 to 24, 1271-73.
5.	Chandra C. N. and Desai H. S.	e-(H (2s) elastic Scattering.	Indian J. Phys. 59B 58-62, 1985.
6.	Joshipura K. N., Desai H. S.	Elastic Scattering of fast positrons by hydrogen molecules.	Indian J. Phys. 59B, 8-12, 1985.
7.	Bhagia L. J. and Pandya J. R.	(i) Chemical Dissolution of calcite Cleavages in formic acid,	Indian J. Pure and Appl. Phys. (India), 23, 1985, 27.

Sr, No.	Name	Title	Name of the Journal wherein published with date of publication
		(ii) Comparison of Knoop and Vickers Hardness number of calcite cleavages.	IBID, 22, 1984, 439.
8.	Shah A. J. and Pandya J. R.	(i) Chemical Dissolution of calcite cleavages in eqeous solution of sodium hydroxide.	Crystal Res. and Tech. (Germany) 20, 1985, 813.
		(ii) Non-dislocation Thermal etch pits on calcite cleavages.	Surface Tech. (GB) 25, 1985, 59.
	Statistics		
1.	Shah D. K. and Phatak A. G.	Single Three Class Attributes Sampling Plan based upon a Linger cost model and a prior Distribution.	J. M. S. U. Vol. XXX No. 3, 1981, pp. 13-16, Pub. in 1984-85.
2.	Das N. P.	Sex Perference pattern and its stability in India; 1970-1980.	Demography India Vol. XIII, Nos. 1 and 2 pp. 108-119, 1984.
	Zoology		
1.	Menon G. K. and Agrawal S. K.	Epidermal Keratinization and lipogenesis in rictus and toe web of the domestic fowl; Comparative fine structural observations.	J. Animal Morphol. Physiol. Vol. 29, Nos. 1 and 2 pp. 19-29, 1982.
2.	Swamy M. S. Ramchandran A. V. and Shah R. V.	Local and systemic alterations in succinate dehydrogenase activity in relation to altered thyroid functioning and tail regeneration in the scincid lizard Mabuya carinata.	J. Animal Morphol. Physiol. Vol. 29, Nos. 1 and 2 pp. 162-168, 1982.
3.	Athavale N. V., Shah R. V. and Ramchandran A. V.	Comparative histochemical evaluation of lactate malate and succinate dehydrogenases (LDH, MDH and SDH) in the pre-anal glands of *Hemidactylus flaviviridis* and *Uromastix hardwickii*.	J. Animal Morphol. Vol. 29, Nos. 1 and 2, pp. 169-175, 1982.
4.	Ambadkar P. M. and Gangaramani N. F.	(i) Some alterations in blood plasma induced by sex hormones albine rate.	J. Animal Morphol. Physiol. Vol. 29, Nos. 1 and 2, pp. 176-182, 1982.
		(ii) Early effects of castractions and hormone replacement on some aspects of hepatic carbohydrate metabolism.	J. Animal Morphol. Physiol. Vol. 29, Nos. 1 and 2, pp. 183-188, 1982.
5.	Pilo B., Patel P. V. and Verma R. J.	Hepatic cations in the Liver of vagotomized domestic pigeon (columba Livia)	J. Animal Morphol. Physiol. Vol. 29, 216, Nos. 1 and 2 pp. 211-1982.
6.	Verma R. J. and Pilo B.	Effect of bilateral cervical vagotomy on certain biochemical and histochemical changes in the crop of domestic pigeon (Columba Livia).	*PAVO*, Vol. 20, Nos. 1 and 2, pp. 30-35, 1982.
7.	Menon G. K.	(i) Sime fine structural features of epidermis in the cere of pigeon.	*PAVO*, Vol. 20, Nos. 1 and 2 pp. 46-50, 1982.
		(ii) Glandular functions of avian integument, An overview.	J. Yamashine Inst. Ornith. Vol. 16, pp. 1-12, 1984.
8.	Salinukul N. and Menon G. K.	Localization of certain hydrolytic enzymes and oxidoreductases in lipogenic epidermis of rictus and toe web of domestic fowl.	*PAVO*, Vol. 20, Nos. 1 and 2, pp. 51-58, 1982.
9.	Ambadkar P. M. and Chauhan B. C.	(i) Certain histomorphological observations on seasonal changes in the parathyroid glands of Indian house crow Corvus splenden (Vieillot).	*PAVO*, Vol. 20, Nos. 1 and 2, pp. 59-72, 1982.
		(ii) Certain observations on the pinela organ of Indian house crow, Corvus splendens (Vieillot) during annual cycles.	J. Yamashina Inst. Ornith. Vol. 16, pp. 63-82, 1984.
10.	Joshi U. M. and Desai A. K.	Effect of monocrotophos on the levels of certain amino acids and transaminase activities in the brain of Tilapia mossambica.	*Environment and Biotic Interaction*, 1984.
11.	Pilo B., John T. M., George J. C. and Etches R. J.	(i) Effect of electrical stimulation in vivo of *M. Pectoralis* on carbohydrate metabolism with reference to certain lever and blood values in the pigeon.	*Archi. Internat. de Physiol. et. do Biochem.* Vol. 92, pp. 131-138, 1984.

Sr. No.	Name	Title	Name of the Journal wherein published with date of publication
		(ii) Liver Nat K^+ ATPase Activity and circulating levels of corticosterone and thyroid hormones following cold and heat exposure in the pigeon.	*Comp. Biochem. Physiol.*, Vol. 80-A, No. 1, pp. 103-106, 1985.
12.	M. Pilo, John T. M., Pemsingh R. S. and Geprge J. C.	Post vagotomy changes in the ultrastructure of the thyroid and circulating levels of its hormones in in the pigeon.	*Cytobios*, Vol. 41, pp. 175-180, 1984.
13.	Kotak V. C. and Ambadkar P. M.	Variations in ascorbic acid concentrations in the liver, gonads, kidney and blood serum of feral blue rock pigeon (Columba livia gmelin) during the breeding and non-breading seasons.	Poult. Sc., Vol. 64, pp. 542-544, 1985.
14.	Joshi U. M. and Desai D. K.	Effect of monocrotophos.	J. Animal Morphol., and Physiol. Vol. 30, Nos. 1 and 2, pp. 201-207, 1983.
15.	Patel C. D., Asnani M. V., Ramchandranan A. V. and Shah R. V.	Seasonal variations in certain blood parameters in normal and pinealectomised feral blud rock.	J. Animal Morphol., Physiol., Vol. 30, No. 1 and 2, 208-216m, 1983.

3. Published Books and Monographs:

Chemistry

1.	Godbole A. N.	A few chapters for XI Std. Text.	

Geography

1.	Janaki V. A., Ex-Prof. and Head, Deptt. of Geography, Faculty of Science, Baroda .	Principles of Economic Geography.	M. S. University Press, March, 1985.

Geology

1.	Merh S. S. and Vashi N. M. (Editors)	Proceedings of the Symposium on Puaternary Eposcodes in India (Neotectoniam, Eustasy and Palaecclimates).	Department of Geology, M.S.U. of Baroda, 1984.
2.	Das N. P.	Population Policy in India (with Special Reference to infant mortability and Fertility).	Blackie and Sons, publishers, Pvt. Ltd., Bombay

4. Papers presented at Professional level Seminars, Conferences etc.

1.	Rajalakshmi R.	(i) International W/shop on " Fetal Biology " organized by Veterinary College, Mathura in August, 1984.	Human Fetal Development in relation to maternal Nutrition.
		(ii) International Conference on the environmental education organised by Indian Environmental Society, School of Planning and Architecture, COSTED and UNESCO from March 4-9, 1985.	Ecological dimensions of Food production and Nutrition.
		(iii) National Workshop on Orientation to ongoing national nutrition programme held in Faculty of Home Science, M. S. University, Baroda in February, 1985.	Applied Nutrition Programme.
		(iv) Internation W/shop in Neuroscience held in Department of Bio-chemistry, M. S. University, Baroda in November, 1984. Sponsored by UGC, COSTED, ISN, DST, ICMR, CSIR, DAE, Sir Pratapsinhrao Gaekwad Charities.	Gave a number of Lecturers in Neuroscience.

Botany

1.	Mehta A. R.	(i) UGC—sponsored National Level Institute on Recent advances in Plant Tissue Cultures, Deptt. of Genetics, Osmania Univ., Hyderabad, Dec. 10-31, 1983.	Secondary Products through Plant cell culture-problems and prospects (2 Lectures)

Sr. No.	Name	Title	Name of the Journal wherein published with date of publication
		(ii) DST Sponsored Training Course on Plant Tissue Culture of .Micropropagation of woody trees and plant protoplasts and Somatic Hydrbization, NCL, Pune, March, 4-17, 1985.	Tissues Culture of Tree ; with special reference to Phenolics.
		(iii) Workshop on Plant Cell and Tissue Culture, University Leadership Programme, Pune, Feb., 19-23, 1985.	Control of Morphogenesis.
		(iv) Xth Piant Tissue Culture Conference, Uni. of Rajasthan, Jaipur, Feb. 2-4, 1985.	Our current experiments with plant cell cultures.
2.	Deniel D. and Sabnis S. D.	All India Symposium on Phytochemistry in relation to Botanical classification, Bhagalpur, Feb., 17-19, 1985.	The Chemical Phylogeny of the Order Gentianales ".
3.	Padhye P. M., Daniel M. and Sabnis S. D.	—do—	"Chemical systematic of Verbenaceae ".
4.	Bedi S. J.	Seminar on Environmental Stresses Human Suffering Faculty of Social Work, M. S. University, March, 4, 1985.	Environmental Stresses and Human Suffering in light of Bhopal MIC tragedy.
5.	Pratapsenan G.	(i) Deptt. of Agricultural Chemistry, Deptt. of Biochemistry, of Uni., Delhi, 53rd Annual Meeting of Biological Chemists (India), Delhi, 12-14 October, 1984.	Metabolism of Phytin during germination of paddy (Oxyza Sativa L. Var. GR-3). under the influence of salt and GA3.
		(ii) Newer Approaches to Biological Applications Basic Science Committee II, Board of Research in Nuclear Science, Deptt. of of Atomic Energy, Govt. of India, Baroda, 19-21, October, 1984.	Single cell protein from Cassava by fermentation.

6.	Bhatt P. N. and Mehta A. R.	Deptt. of Atomic Energy, Organised Workshop on Plant Molecular Biology NCL, Pune, Jan. 21-25, 1985.	Tissue Culture approached in Developmental and Somatic cell Genetics.
7.	Padhya M. A.	DAE Symposium 'Newer approaches of Biological applications' at the Microbiologiy Deptt., M. S. Uni. of Baroda. Oct. 19-21, 1984.	Clonal propagation of ornament ferns.
	Chemistry		
1.	Bhattacharya P. K.	21st Annual Convention of Chemists, Jadhavpur 14-18, Oct., 1984.	Ternary complexes involving some Biologically important Amino Acids.
2.	Trivedi K. N.	International symposium on Modern concepts in Design and Development at Lucknow 29-31, Dec. 1984.	Synthesis of 3, 4-Triphenyl Profalenes.
3.	Misra S. N.	(i) Indian National Science Congress Lucknow, 3-10, Jan. 1985.	Hypersensitivity in Nd3 complexes.
		(ii) Second Conference on fluorine chemicals and polymers held at HBTI, Kanpur, Feb. 25-28, 1985.	Selelective fluorientation of Aluminium isopropoxides.
4.	Shah A. C.	21st Annual Convention of Chemists, Calcutta, 14-19, Oct. 1984.	Rearrangement of Dithiolium salts.
5.	Rakshit A. K.	21st Annual Convention of Chemists, Calcutta 14-19 Oct., 1984.	Studies of Viscosity in ternary systems Barium chloride in binary solutions.
6.	Ram R. N.	(i) National Symposium on co-ordination chemistry and catalysis, Varanasi. 20-22 Oct. 1984.	Catalytic Activity of amine complex of copper and cobalt absorped on sillica the decomposition of H_2O_2.
		(ii) 21st Annual Convention of Chemists, Calcutta, 14-18, Oct. 1984.	Catalytic activity of Cu (alanie)+2 in the decomposition of H_2O_2
7.	Nair K. B.	(i) National Symposium on Co-ordination chem. and catalysis Varanasi, 20-22 Oct. 1984.	Catalytic activity of amine complex of copper and cobalt absorbed on sillica the decomposition of H_2O_2.

Sr. No.	Name	Title	Name of the Journal wherein published with date of publication
		(ii) 21st Annual Convention of Chemists Calcutta, 14-18, 1984.	Biquinolines as antioxidents for olefin polymers.
8.	Chudasma Uma V.	—do—	Studies in some Ternary complexes involving and binding ligands.
9.	Rama H. S.	—do—	Chromotagraphic separation of coumarin carboxylic acids using ion exchange resin column.
	Geography		
1.	*Sinha R.N.P.*	(i) Symposium on "Geography and Teaching and Environment" University of Poona, Pune, (14-17 Feb. 85).	Advanced Level Course in Environment.
		(ii) Advance Level Institute in Geography, Bodh Gaya (4-24 Feb, 1985).	Land Use Study : An Applied Approach.
		(iii) National Seminar on "Geography and Business" M. S. University, Baroda, (4-7, Feb. 1985).	Environmental Impact Assessment and Business.
		(iv) —do—	Data Management and Mapping in the solution of Business problems.
		(v) —do—	Relevance of Geography to Business pursuits.
		(vi) Seminar and Exhibition organised by the planning Deptt. Govt. of Gujarat, to discuss VII F.Y.P. for Vadodara Dist. Federation Hall, Baroda. (27-28 July, 1984).	Vadodara District Laying the foundation of VII F.Y.P.
		(vii) Cartographic, Revaluation,	In a book Modern Geographical concepts, Eds, Prasad Banerjee and Dutt 1985, Burdwan.

2.	Misra B. R.	Seminar and Exhibition organised by the Planning Deptt., Govt. of Gujarat to discuss VII F.Y.P. for Vadodara Dist. Federation Hall, Baroda. (27-28 July, 1984).	Problems of the Sea Traffic of the Gujarat Ports.
3.	Rizvi S. N. and Towari R. P.	—do—	Changing Occupational structure of Rural population : A case study of Bara Tract of Jambusat Taluka, Dist. Bharuch.
4.	Rangaswamy V. C.	International Geographical Congress, Paris (27-31 Aug. 1984).	"Regional Disparities : A case study.
5.	Jayshree De	Symposium on "Health in the Tropics : A Geographical perspective organised by the International Geographical Union at Lusaka (20 to 22 April, 1984).	Spatial and Temporal Distribution of Infections Hepititis in India city.
6.	Jayshree De and Golleruin R. S.	Morbidity of Infections Hepatitis in Vadodara.	Annuls of the National Association of Geographers India, Vol. No. 2, Dec. 1984.
7.	Vyas J. P. and Merh S. S. (Geology)	Annual Meeting and Conference of Gujarat Science Congress organised by the Gujarat Science Academic A'bad (25th to 27th Dec. 1984).	Geomorphic Evolution of Rajpipla Hills and the neighbouring coastal plains.
8.	Vyas J. P.	4th Annual Meet Gujarat Geographical Association Ahmedabad (10-3-85)	Integrated Approach to Geography Syllabus at School level.
	Geology Department:		
1.	Merh S. S., Chamyal L. S. and Vashi N. M.	(i) Seminar of Cenozoic crystal evolution of the India plate margins 20-22 Sept. 1984.	Geochemistry and Geodynamic significance of the amphibolites of Kumaon Himalaya (in Press).
		(ii) Vth Indian Geological Congress, Bombay, 19-21 Dec. 1984.	On the nature of the main central thrust of Kumaon Himalaya (In Press)
2.	Merh S. S.	(i) Key-note Address at the Structure and Tectonic Section of the Vth Indian Geological Congress, Bombay, 19-21 Dec. 1983.	A reinterpretation of the structural set up of Kumaon Himalaya (In Press).

Sr. No.	Name	Title	Name of the Journal wherein published with date of publication
		(ii) Key-note Address at the Workshop on Geoenvironmental management in Gujarat Guj. Sc. A'bad. Baroda. 8th Sept.1984.	Geoenvironmental diversity of Gujarat and and problems of management.
		(iii) Key-note Address at Gujarat Science Congress, A'bad, Guj. Sc. A'bad. 25th Dec. 1984.	Terrain diversity of Gujarat and appraisal of controlling geoenvironmental factors (In Press).
3.	Chamyal L. S. and Merh S. S.	72nd Session of Indian Science Congress, Lucknow, 3-8 January, 1985.	Regional significance of the structural set up of Kumaon Himalaya.
4.	Vashi N. M., Ganpathi S. and Merh S. S.	Seminar on Coastal Geomorphology, Mangalore, 21st-23rd February, 1985.	Studies on Quaternary landforms and sediment characters along the Mainlaid Gujarat coast between Tapi and Auranga.
5.	Ganpathi S. and Merh S. S.	Seminar on Coastal Geomorphology, Mangalore, 21-23 February, 1985.	Geomorphic evolution of Shetrunji estuarine delta.
6.	Patel P. P. and Merh S. S.	Gujarat Science Congress Ahmedabad, 25-27, December, 1984.	Geology and Geomorphology of the Ranns of Kutch.
7.	Patel M. P., Desai S. J. and Merh S. S.	Vth Indian Geology Congress, Bombay, 19-21 December, 1984.	Structural and metamorphic studies of the Precambrian rocks of Balaram-Swarupgunj and area SW Rajasthan.
8.	Ganpathi S., Patel M. P. and Merh S. S.	Vth Indian Geology Congress, Bombay 19-21 December, 1984.	Quaternary geology and geomorphology of the coastline between Okha Madhi and Kodinar Western Saurashtra.
9.	Chamyal L. S. and Vashi N. M.	Seminar on Himalayan Crystalline Metamorphics and Structure, Delhi, 27-30 December, 1984.	Tectonic framework and structural characteristics of the crystalline rocks of Kumaon Himalaya.
10.	Desai S. J. and Patel M. P.	Gujarat Science Congress, Ahmedabad, 25-27 December, 1984.	Petrological and petrochemical investigations of high grade pelitic granulites of Balaram Siyawa area.
11.	Shringarpure D. M.	XIth Ind. Coll. on Micropalaeontology and Stratigraphy, Calcutta, October, 1984.	Trace fossils as the Omission surface examples from the Mesozoic of Kutch.

12.	Shah O. K., Patel S. G. and Chamyal L. S.	Vth Indial Geology, Congress, Bombay, 19-21 December, 1984.	Stratigraphic significance of the rocks of Ganai area in Kumaon Himalaya.
13.	Karanth R. V. and Shah A. N.	Vth Indian Geology Congress, Bombay, 19-21 December, 1984.	Geology of the area around Khandi District Baroda with special reference to lead mineralization.
	Mathematics		
Singhal J. P.		72nd Session of Indian Science Congress Association at Lucknow, January 3-8, 1985.	'On inverse series relations'.
	Microbiology		
1.	Karlekar K.	25th Annual Meeting of Association of Microbiologists of India, held at Pantnagar, 7-9 December, 1984.	Salt mediated changes in some enzymes from halotolerant C. Sphaerospermum and Asp variecolor.
2.	Gaur A., Firozi K., Parekh T. and Chhatpar H. S.	25th Annual Meeting of Association of Microbiologist of India held at Pantnagar, 7-9 December, 1984.	Salt mediated changes in some enzymes from halotolerant *Asp* variecolor.
3.	Ghelani S., Nair B. G. and Chhatpar H. S.	—do—	Effect of pyrophoshphate on carbohydrate metabolism in N. crassa.
4.	Sahasrabudhe S. R., Nautiyal S. and Modi V. V.	Symposium on 'NEWER APPROACHES TO BIOLOGICAL APPLICATIONS', organised by Department of Atomic energy Government of India at M. S. University of Baroda from 19-21 October, 1984.	"Dehalogenation of chloroarcmatics by immbilized microbial cells".
5.	Amin A. R., Modi V. V., Udupa S. R. and Chadha M. S.	—do—	Potentials of using plant latices as a renewasle source for fermentation processes.
6.	Modi V. V., Sharma Arun, Phiroze B., Sethna and George Usha	Symposium on "Newer approaches to biological applications, organised by Department of Automic Energy Government of India at M. S. University of Baroda from October 19, 21, 1984.	Ammonia assimilation in Rhizobia.

Sr. No.	Name	Title	Name of the Journal wherein published with date of publication
7.	Saxena Babita, Vaghela Narendra, Shah Ketan and Modi V. V.	—do—	Associative nitrogen fixation in miaze by Azospirillum spp.
8.	Reshamwala P. J., Dholakia J. N. and Modi V. V.	—do—	Fermentative production of B-carotene and B-glucoridase from Blakeslea trispora.
9.	Sethna Phiroze and Modi V. V.	—do—	Asparagine synthetase of Rhizobium japonicum.
10.	Nair B. G., Bhagat K. and Chhatpar H. S.	—do—	Effect of phosphate on primary and secondary metabolism in N. crassa and S. cerevisica.
	Physics		
1.	Bhatt V. P. and Shah R. C.	XVI National Seminar on Crystallography, at Delhi, January 2-4, 1985.	Creep and Activation energy of flow process in BI-Sb Single crystals.
2.	Bhatt V. P. and Desai C. F.	—do—	Anisotropy of Deformatio twinning in BI-Sb single crystals.
3.	Pandya J. R.	(i) XIV National Seminar on Crystallography at Delhi, January 2-4, 1985.	Quantitative study of gel parameters on Growth of single crystals of Ammonium hydrogen d-tartrate.
		(ii) —do—	Microhardness anisotrophy of calcite cleavages.
		(iii) —do—	Microhardness of gel-grown single crystals of ammonium hydrogen d-tartrate.
		(iv) National Seminar on Crystal Growth Anna University, Madras, 27-30 August, 1984.	Effect of gel pH on growth of single crysta's of Ammonium hydrogen d-tartrate in sillice gel.
	Statistics		
1.	Shreehari M.	Gujarat Statistical Association, Bilomore, 25-26 December, 1984.	On some transformations of variables.
2.	Das N. P.	Paper Contributed (jointly with M. M. Gandotra) in the Seminar at Gujarat Institute of area Planning and the pop. council (New York) at Ahmedabad, October 1-4, 1984)	Determinants of Infant Mortality. An analysis of Recent Births.
3.	Shah N. 1.	U.G.C. Conference, Ujjain, November, 1984.	Inadmissibility of certain inbiassed Estimators.
4.	Srivastave Deokumar	Paper presented at the Research Scholars Meet organised by Faculty of Science, M. S. University. Place: Microbiology Department, 15 and 16 of March, 1985.	"Normal probability plotting using usual (Ordinary) Graph paper".
5.	Shah G. H.	—do—	"Single period Stochastic Inventory model with Sampling Inspection".
	Zoology		
1.	M. V. Asnani	Symposium on Comparative Endocrinology, December, 29-31, 1984, Varanasi.	Effect of Dexamethasore corticosterone and ACTH on glycogen content of glycogen body in the pireon, Columba livia.
2.	Mehan S. P. and Bonny Pilo	—do—	Neuroendocrine control of transport of glucose across the membrane of liver cells of pigeon under in vitro conditions.
3.	Pilo Bonny	—do—	Effect of bilateral corvical vagotomy on the ultranstructure adrenal gland of pigeon.
4.	Patel Meena and Ramchandran A. V.	—do—	Seasonal alterations in the various lipid fracture of gonada of normal and pinealectomised domestic pigeons, Columba livia.

Sr. No.	Name	Title	Name of the Journal wherein published with date of publication
5	Ramchandan A. V and Ayyar Chitra	Symposium on comparative Endocrinology, December, 29-31, 1984, Varanasi.	Functional significance of tissue asceribic acid content in the gonads and adrenal and their interrelationship in the pigeon, Columba livia.
6	Chauhan B. C. and Chauhan N. B.	—do—	The developmental effect of Lithum: Studies on nucleic acids, protein thyroidal and morphometric aspects.
7.	Menon Jaishree	—do—	Differential response of tail and limb regeneration in Rana tigrina, tadpoles to thicurea treatment.
8.	Patel P. V. and Vaiashnav D. M.	—do—	Activity of acetylocholinesterase (ACHE) and glyogen content in the liver of alloxan-treated diabetic rats.
9.	Menon G. K., Grayson S. and Elias P. M.	Annual meeting of the Society for Investigators Dermatology, May, 1984, Washington, D.C., U.S.A.	Role of catious in mammalian epidermal differentiation.
10.	Menon G. K., Feingold K. R., Halloran B. P. and Elias as P. M.	—do—	Rate and functions of newly synthesized lipids in mammalian epidermis.
11.	Menon G. K., Grayson S., Brown B. R. and Elias P. M.	12th Meeting Pacific Skin club, May, 16, 1984, Palo Alto, California.	Sebokeratocytes of cetacean epidermis; Histochemistry, altrastructure and lipid Composition.
12.	Ayyar C. B. and Ramchandran A. V.	Symposium on Reproductive biology and comparative endocrinology, 7-8, June, 1984, Madras.	Adrenal suppression and gonad activity Alteration in the protein content and activity of non-specific phosphomoneesterases in the wild pigeon, Columba livia.
13.	Patel M. M. and Ramchandran A. V.	Symposium on Reproductive biology and comparative endorinology, 7-8, June, 1985 Madras.	Effect of Pinealectomy on gonadal steriod dehydrogeneases in the domestic pigeon, Columba livia.
14.	Ndukuba P. I., Swamy M. S. and Ramchandran A.V.	—do	Pineal and regeneration : Effect of various light regimes on tail regeneration in the Gekkonid lizard, Hemidactylus flaviviridis.
15.	Ramchandran A.V., Patel M. M. and Balaraman R.	Asian Congress of Pharmacology, Jan. 15-19, 1985 New Delhi.	Pinealectomy and blood pressure responses to agonists in rate.

5. Talks of academic nature given at different Universities/Professional Institutions.

Botany

1.	Mehta A. R.	(i) Multidisciplinary Lecture Programme, Faculty of Science, M. S. University, Baroda Feb. 4-7, 1985.	Impact of Botany on the Growth of other disciplines.
		(ii) INSA Lecture, Baroda, Sept. 18, 1984.	Plant Biotechnology.
		(iii) Plenary Lecture at the VIIth Annual Convention of the Gujarat Bioscience Society, Ahmedabad Dec. 25, 1984.	Cell-Culture Approaches for Crop improvement.
		(iv) UGC and M.S.U. sponsored National Seminar on Geography and Business Baroda, Feb. 4-7-1985.	Environmental impact analysis of Developmental Projects.
2.	Sabnis S. D.	P. G. Dept. of Botany, University of Nagpur, Nagpur, 2nd Feb. 1985.	Plant nomenclaturea botanical-irritants.

Chemistry

1.	Bhattacharya P. K.	(i) Convention of Chemists, Calcutta, 16th Oct., 1984	Relevance of study of group theory in Chemistry.
		(ii) South Gujarat Univ. Surat, 23rd and 24th Jan. 1985	Quantum Mechanics and atomic structure.
2.	Singh V. K.	University of Indore, March, 1985	Some aspects of certicoasteroids.
3.	Shah A. C.	Summer Institute in Chemistry at Shri Kalyan College, Sikar, 12th June, 1984	Photochemical Reactions.

Sr. No.	Name	Title	Name of the Journal wherein published with date of publication
	Geography		
1.	Gupta C. M.	Bharatiya Vidhya Bhavan, Makarpura, Baroda on 13-9-1984	Physical Geography.
2.	Mishra B. R.	—do—(14-11-1984)	Work of Ice.
	Geology		
1.	Gadekar D. R.	(i) Rotary Club, Baroda on 14-9-1984	Our Earth : Restless, rich and wronged.
		(ii) All India Radio, Vadodara on 3-3-1985	Manu Mataya Katha (crystal achievement and floods in earth history)
2.	Patel P. P.	Gujarat Engineering Research Institute, Baroda, at the training course for Engg. and Geologists, 9-9-1984	Hydrogeological surveys in socioeconomic relevance.
	Mathematics		
1.	Shah V. M.	Gujarat Secondry Education Board, Ahmedabad on 12-2-85	"On the basic concepts of Mathematics": (Lecture was delivered to a group of talented students identified by the Board),
	Microbiology		
1.	Modi V. V.	Regional Research Lab. Hyderabad, May, 4, 1984	Microbiology and management of environment.
2.	Dave P. J.	South Guj. Univ. Surat, Ist Feb. to 15th Feb. 1985	Genetics.
	Statistics		
1.	Shreehari M.	Surashtra Univ. Rajkot, 8-9 Jan. 1985	Convergence of sequences of random variables.

	Zoology		
	Shah R. V.	(i) Himachal Pradesh Uni., Simla, Aug. 1984	Reptilian Regeneration
		(ii) Madras Univ. Madras, March, 1985	Regeneration.

6. Participation in Professional Programme, Workshops, Summer Schools etc.

Sr.No.	*Name of the Teacher*	*Programme, Place and Date*	*Capacity in which participated*
	Bio-chemistry		
1.	Telang S. D.	Workshop in 'Neuro-Science" held at Department of Biochemistry, M.S.U. Baroda in November, 1984.	Director.
2.	Parikh L. J.	—do—	Co-Director.
	Chemistry		
1.	Singh N. K.	DST Workhop Organic Chemistry, Bangalore, July, 1984.	Participant.
2.	Shah A. C.	Summer Institute in Chemistry at Sikar, June, 1984.	Delivered 2 Talks.
3.	Patel D. C.	Refresher Course on Modern analytical Chemistry, Ahmedabad, March 8-28, 1985. Gujarat University	Participant.
	Geography		
1.	Rangaswamy V. C.	International Workshop on "Examples from the Geography Netherlands as Illustration to the Treatment of Thomas and concepts in thinking of Geography at Secondary and Tertiary levels" from 13-17 August, 1984 organised by the information and documantation centre for Geography on Netherland, Utrecht.	Participated and presented a paper
2.	Parmar J. K.	(i) U.G.C. workshop on "Research Methods in Regional and Urban Planning" Centre for Study of Regional Development, J.N.U. New Delhi (25 March to 13 April, 1985).	Participant.

Sr.No.	Name of the Teacher	Programme, Place and Date	Capacity in which participated
		(ii) Item-writer Training course from 29th November, 1984 to 8th December, 1984 organised by the Department of Measurement Evolution Survey N.C.E.R.T., New Delhi	As a Tra nee.
3.	Rizvi S. M. H.	—do—	As a Trainee:
	Geology		
1.	Gadekar D. R.	Symposium on "Water resources" organised by Gujarat Engineering Research Institute and Human Technology Forum, Baroda on 30-12-1984.	Participant.
2.	Patel P. P.	(i) One dayworkshop, on "Geoenvironmental Management in Gujarat" at Baroda on 8th September, 1984.	Convener of the Workshop.
		(ii) Panel Discussions on "Role of Remote Sensing for regional development in Gujarat" ISTPRS AT ISRO, Ahmedabad, on December, 1984.	Member of the ISPIRS.
3.	Ganpathi S.	Workshop on Geoenvironmental management in Gujarat, M. S. U. Baroda, 8-9-1984.	Participant.
	Mathematics		
1.	Shah V. M.	International Seminar on "Constructive Function Theory and its applications" held at Jabalpur University, Jabalpur, sponsored by National Board for Higher Mathematics and U.G.C. on 17th December-19th December, 1984.	Participant.
2.	Savitakumari	(i) Summer School on "Combinatories and Graph Theory" at I.I.M. Bangalore conducted by I.S.I. in May/June, 1984.	Participant.
		(ii) Participated as a Speaker in the above symposium.	Participant.
3.	Singhal J. P.	Organised a symposium on "Inverse Series relations" on 31-10-1984 during 21st Annual Conference of Gujarat Ganit Mandal held at Gandevi (Dist. Valsad).	Organizer.

4.	Dave B. I.	Participated as a Speaker in the above symposium.	Participant.
5.	Patel N. V.	Participated as a Speaker in the above symposium.	Participant.
	Microbiology		
1.	Toraskar M. V.	Short term training in plant molecular biology at Indian Inst. of Science, Bangalore, from 3rd March to 20th March, 1985.	Participant.
2.	Parikh Himanshu	—do—	Participant.
	Statistics		
	Sreehari M.	Population 1984, New Delhi, May 31 to June 2, 1984.	As Director of Population Research Centre, Baroda.
	Zoology		
1.	Ramchandran A. V.	International symposium on genodotropin releasing hormone in control of facility and malignancy.	Invited Participant.

7. Exhibitions, Performances, Demonstrations, etc. at State, National and International Levels

	Geography	
	District Level Exhibitions	The Planning Department, Government of Gujarat Gandhinagar organised exhibition and Discussion at the District level in each District and accordingly exhibition and discussion held in Baroda on 27th and 28th July, 1984 at Federation Building, Alkapuri, Baroda to discuss the Planning proposal of VII F.Y.P. Department of Geography exhibited 6 sheets of Land use maps (in colours) of Sinor Taluka, District Baroda.

8. National and International Awards and Distinction

Sr. No.	*Name of the Recipient, Teacher/Non-Teacher/Student*	*Description of the Award*
	Botany	
1.	A. R. Mehta	(i) Elected as a Fellow of the Gujarat Academy of Science. (ii) Appointed as Vice-President, Orchid Society of India. (iii) Director General, ICAR, New Delhi, has elected as Member of ICAR, Scientific panel on Plant Breeding for the period of 1985-86.
2.	Padhya M. A.	—
	Geology	
1.	Merh S. S.	Appointed President of the Wadia Institute of Himalayan Geology, Dehradun for 3 years from 19-2-1985.
2.	Gadekar D. R.	(i) Elected fellow of the Maharashtra Academy of Sciences, Pune on 7-10-1984. (ii) Correspondent, Scientific event Allert Network (SEAN), Smithsonian Institute, Washington, D.C., U.S.A.
	Microbiology	
1.	Modi V. V.	(i) Presented paper in international Workshop on Bioenergy recovery and conservation at Bostan (U.S.A.) in November, 1984. (ii) Chaired a session and presented a paper in the "International symposium on carotenoids" in Munich (Germany) in September, 1984.
	Physics	
	Potbhare V. N.	Hari Om Ashram Prerit Shri Gokuldas Bamkhdoi Award for Research in Physics by Gujarat University.
	Statistics	
1.	Shreehari M.	(i) Elected Associate Editor of Bulletin of Ind. Soc. for Theory of Probability and its applications (ISTPA), 1985-87. (ii) Elected President of the Gujarat State. Assn. for the year 1985. (iii) Elected as Executive Committee Member of the Ind. Soc. for Prob. and Statistics.
2.	Shah D. K.	Elected as Jt. Secretary of the Gujarat State Assn.

9. Faculty Publications

Name of the Journal	*Name of the Editor/s*	*Periodicity of Publication*
Baroda Journal of Nutrition	Prof. R. Rajalakshmi	Once a year.

10. Visitors

Sr.No.	*Name*	*Designation*	*Date/Duration of Visit*
1.	Prof. H. C. Arya	Head, Department of Botany, Jodhpur University	UGC-National Lectures-21-22, January, 1985.
2.	Dr. W. Hughus	Senior Scientist Unilever Research, Bedford, U.K.	Research Seminar on Clonning of Oil Palms, 18 February, 1985.
3.	Dr. T. N. Khoshoo	Secretary, Department of Environment, GOI, New Delhi	To deliver Prof. A. R. Chavan, Memorial Lectures, 17-10-1984.
4.	Dr. S. K. Jain	Pitambar Pant Ecology, Fellow, National Botanical Institute, Lucknow.	To deliver UGC DRS-Lectures, 11-12 January, 1985.
5.	Dr. J. T. Guthrie	Senior Lecturer, Department of Colour Chemistry, University of Leeds, Leeds (U.K.)	17th March to 3rd April, 1985.
6.	Prof. R. M. Prothero	Prof. and Head, Department of Geography, University of Liverpool, Liverpool.	14-12-1984, 15-12-1984 2 days visits.
7.	Prof. J. N. Kapur	Senior Professor of Mathematics, I.I.T., Kanpur.	March 2, 1985.
8.	Dr. Fujino Y.	Ohihiro University, Hokkaido, Japan.	29-10-1984.
9.	Dr. G. P. Kalle	Hindustan Lever Research Centre, Bombay.	4-12-1984.

Sr.No.	Name	Designation	Date/Duration of Visit
10.	Dr. P. K. Maitra	Tara Institute of Fundamental Research, Bombay.	4-12-1984.
11.	Dr. R. Chattoo	Friendrich Miescher Institute, Basel Switzerland.	12-12-1984.
12.	Dr. R. N. Singh	Tata Institute of Fundamental Research, Bombay.	4-1-1985 and 5-1-1985.
13.	Dr. Hatton T. T.	United States Department of Agriculture, Orlando, Florida, U.S.A.	15-3-1985.
14.	Prof. J. Roy	Head, Computer Centre, I.S.T., Calcutta.	17-8-1984.
15.	Dr. C. G. Khatri	Prof. and Head, Statistics Department, Gujarat University, Ahmedabad-9.	18, 20, 21 and 22 February, 1985.
16.	Dr. S. P. Modak	Professor and Head, Department of Zoology, University of Poona, Pune.	27-8-1984 One Day.

CHAPTER IX (A)

FACULTY OF EDUCATION AND PSYCHOLOGY

FACULTY OF

EDUCATION AND PSYCHOLOGY

CHAPTER IX (A)

1. **Published Articles/Papers :**

Sr. No.	*Name/s*	*Title*	*Name of the Journal and Date of Publication*
	Department of Education :		
1.	Joshi D. C.	Role of an Academic in Higher Education	'University News' Vol. XXII No. 30, Sept. 8, 1984
2.	Sudame, G. R., Jointly with Yadav M. S., Roy S., Lakshmi, T. K. S.	Integrating Education with Development in the Community : Role of the University Teachers	New Frontiers in Education, Vol. XIV No. 3, July—Sept. 1984.
3.	Sudame, G. R. Jontly with Roy. S.	The Scientific Method in Educational Research: Need for Re-thinking	New Frontiers in Education Vol. XIV.
4.	Roy S., Jointly with Yadav M. S., Sudame G. R., Lakshmi, T. K. S.	Integrating Education, with Development in the Community: Role of University Teachers	New Frontiers in Education, Vol. XIV. No. 3 July—Sept. 1984.
5.	Roy S, Co-authored with Sudame G. R., Govinda R.	The Scientific Method in Educational Research Need for Rethinking'	New Frontiers in Education, Vol. XIV. No. 4, Oct.—Dec 1984.
6.	Menon M. B., & Sahoo P. K.	Educational Technology in Higher Education	Journal of Higher Education, Vol. 9, No. 3 Spring, 1984.
7.	Menon M. B. and Sahoo P. K.	Case Study Method in Research in Instructional Process	Frontiers in Education, Jan 1985.

Sr. No.	Name/s	Title	Name of the Journal and Date of Publication
8.	Christian J. A.	Pashupatinathnana Pravase (Rs. 25/– cash prize)	Pratyayan, Text-book Board, Ahmedabad, May–June, 1984.
9.	Christian J. A.	A study of Fear and Success feelings of Teacher-Trainees on Their Academic Performance (A Research Paper)	Asian Journal of Education, Agra, Vol. 14, No. 1, 1985 Jan.
10.	Menon S. B.	Systematic Observations in Understanding Instructions. A Review and Some Rethinking.	New Frontiers in Education Research, NEW DELHI, Metripolitan, 1985.
11.	Menon S. B.	Quantitative and Qualitative Approaches in Educational Research.	Quality Control in Edul. Research, New Delhi. Metropolitan, 1985.

Department of Educational Administration :

12.	Dekhtawala P. B.	Strategies for Improving Teacher Effectiveness.	The Progress of Education, Vol. LIX. No. 9, 1985.

Department o Psychology :

13.	Deftuar C. N.	Human Engineering : A Brief Introduction	Management Review and Newsletter, 1984, 13–16

2. Published Books/Monographs :

Sr No.	Name of the Author	Title	Name of the Publisher & Year of Publication
	Department of Education :		
1.	Shah M. M.	Vignan Shikshan for P.T.C.	Gujarat State School Text-book Board, Ahmedabad, Feb. 1985
	Department of Educational Administration :		
1.	Dekhtawala P. B.	Curriculum Construction and Curriculum Planning (in Gujarati)	University Granth Nirman Board, Ahmedabad October, 1984.

Sr. No.	Name of the Author	Title	Name of the Publisher & Year of Publication
	Department of Psychology :		
2.	Daftuar C. N.	A Series of 7 (Psychological/Social Tools/Instruments): (1) Managerial Behaviour Questionnaire) (MBQ) (2) A Scale of Measure dysfunctions Consequences of Control System (Dy. S., C. S. S.) (3) Delegation of Authority Scale (D. A. S.) (4) Job satisfaction Scale (JSS) (5) Organisational Effectiveness Scale (EFF) (6) Power Strategies Scale (PSS) (7) Hospital Climate Questionnaire (HCQ)	Second Handbook of Psychological and Social Instruments–by D. M. Pestonjee (Ed.) I. I. M. Ahmedabad–1984.

3. Papers presented at Professional Seminars/Conferences etc. :

Sr. No.	Name	Theme, Organizers Name, Place and Date of Conference	Title of the Paper
	Department of Education :		
1.	S. Roy, Co-authored with Lakshmi T.K.S.	National Seminar on Research in Sociology of Education : Methodological Issues, held at C.A.S.E. from March 11-13, 1985	'Researches in Sociology of Education : Methodological Issues.
2.	Gajjar J. J.	Seminar on Value Education, Aligarh, Muslim University Aligarh 4-6 Feb. 1985 sponsored by U G.A.	Psych o–Philosophical Bases of Value Education.

Sr. No.	*Name*	*Theme, Organizer's Name, Place and Date of Canference*	*Title of the Paper*
3.	Desai D. B., Menon, M. B., Patankar S. D.	National Workshop in Education and National Development, organised at CASE, Baroda from 28-30 Sept. 1984 financed by U.G.C., New Delhi.	Education and National Development.
4.	Christian J. A.	U.G.C. Seminar on 'Locus of Control' Department of Psychology, University of Calicut, 8-14 October, 1984.	A Theory of Emotional Attribution.
5.	Menon S. B.	(1) National Seminar on Methods and Technology of Teaching Science, Dehradun, January, 1985.	Science Curriculum Development : Need for a Research Base.
		(2) National Workshop on Educational Journalism, Jaipur, Feb.-March, 1985.	
	Department of Psychology :		
6.	Gon. M. (with Sultana Afifa)	21st Annual Conference of the Indian Academy of Applied Psychology, Indian Institute of Technology, New Delhi, May 25-27, 1984.	Purpose-in-Life and Adjustment Patterns of the Adolescents in Bangladesh.
7,	Gon. M. (with Samidha, Ojha)	—do—	A Study of the Effects on Sex-Typing & Marital Status on Repression—Sensitization.
8.	Gon. M. (with Hina Saxena)	—do—	A Comparative Study of the Effects of Age, Sex-difference and Sex-roles on Locus of Control

Sr. No.	*Name*	*Theme, Organizer's Name, Place and Date of Conference*	*Title of the Paper*
9.	Daftuar C. N.	(i) 21st Annual Conference of the Indian Academy of Applied Psychology, Indian Institute of Technology, New Delhi, May 25-27, 1984	An Experimental Study of leadership Styles in Management Decision Making Games.
		(ii) Indian Science Congress, Lucknow, January 3-8, 1985.	Power Strategies, the game top people play in Organizations.
		(iii) First Convocation of the Indian Psychological Asso-Ciation, Magadh University, Bodh-Gaya, November, 1984.	Need for an Indian Theory of Organization Leadership.
		(iv) National Seminar on HRD. Dept of Psychology, M. S. University of Baroda, February, 18-20, 1985.	Open System Approach to Human Resources Development.
		(v) Cross-Cultural Seminar at the University of Sagar, February, 24-26 1985.	Indian Work values and Effective Leadership Styles in Indian Organizations.
		(vi) Seminar on Environment held at Faculty of Social Work on 4th March, 1985. M. S. University of Baroda, Baroda.	Environment and Human Performance.
10.	Bhatt I. D.	Indian Science Congress, Lucknow, 3rd to 8th January. 1985. (72nd Annual Session)	A Study of knowledge and Unerdstanding of Democratic Principles among School going Boys and Girls in Rural and Urban Areas.
11.	Pandit K. M.	(i) 21st Annual Conference of Indian Academy of Applied Psychology, 25-27 May, 1984, New Delhi.	Reaction of the Gifted to Experimentally induced frustration.

No.	*Name*	*Theme, Organiger's Name, Place and Date of Conference*	*Title of the Paper*
		(ii) Indian Science Congress Association, 72 Annual Session at Lucknow, January 3rd to 8th 1985.	Effect of Experimentally induced frustration on Anxiety and Self–Concept of Gifted and Non-gifted.
18.	Quraishi, Z. M., (In collaboration with Babu Thomas,	National Seminar on Human Resource Development held at the Department of Psychology, Baroda, Feb. 18-20, 1985.	(1) Trade Union Affiliation as a Predector of Work-related Motivation. (2) Motivation Personal Needs and Union Affiliation.

4. **Talks of Academic Nature given at Different Universities/Professional Institutions :**

Sr. No.	*Name of the Teacher*	*University/Institution and Date*	*Title of the Lecture*
	Department of Education :		
1.	Shelat N. A.	(i) Gondal High School, 30-4-84.	Transaction Analysis for Teachers
		(ii) Sister Nivedita High School, Rajkot, 1-5-84	Life and Communication in Classrooms
2.	Panchal B. R.	(i) PTC College for Women Chhotaudaipur, 8-10-84	Effective Classroom Teaching for PTC students
		(ii) V. T. Sarvajanik College of Education, Surat, 1-9-84	Effective Classroom Teaching for B.Ed. students
3.	Christian J. A.	K. J. Mehta Bal Adhyapan Mandir, (Pre-P.T.C., P.T.C., & B.Ed.) 1-2-1985	Creative Children
	Department of Educational Administration :		
1.	Dongre P. K.	(i) Divine Life Society, Baroda, 12-8-1984	Efforts or Fortune–which is Superior
		(ii) Malwan High School, Malwan, 14-8-1984	Modernization in Teaching of Sanskrit in Schools

Sr. No.	*Name of the Teacher*	*University/Institution and Date*	*Title of theLecture*
2.	Dekhtawala P. B.	(i) B.Ed. College, Bhavnagar, 6-9-1984	Effective Classroom Teacher
		(ii) Acharya Sangh, Bhavnagar 6-9-1984	Leadership Behaviour
		(iii) Stree Adhyapan Mandir, Chhotaudaipur, 8-10-1984	Classroom Techniques
		(iv) Stree Adhyapan Mandir, Zalod, 1-2 Dec., 1984	Classroom Techniques.

5. **Participation in Professional Programme, Workshop, Summar Schools etc.**

Sr. No.	*Name of the Teacher*	*Programme, Place and Date*	*Capacity in which participated*
	Department of Education		
1.	Sudane, G. R.	(i) All India Workshop on University and National Development (U. G. C. sponsored) held at CASE, Baroda from 28-30 September, 1984.	Resource Person
		(ii) All India Workshop for Developing Junior Research Fellowship Test in Education, (U.G.C. sponsored) (CASE, Baroda) from 28 Dec. 1984 to 6 January, 1985.	Resource Person
2.	Roy, S.	(i) All India Workshop for developing Junior Research Fellowship Test in Education (U. G.C. sponsored), CASE, M. S. University, Baroda, Dec. 28, 1984 to Jan. 6, 1985.	Resource Person

Sr. No	*Name of The Teacher*	*Programme, Place and Date*	*Capacity in which participated*
		(ii) National Seminar on Researches in Sociology of Education-Methodological Issues, CASE, M. S. University, Baroda, March 11-13, 1985.	Convener
3.	Shelat, N A.	(i) A Seminar on ' Youth Action for Tomorrow's Youth, Organised by the Dept. of Child Development, Faculty of Home Science and Family Planning Association of India, from 26-1-85 to 1-2-1985.	Member of Organising and Reception Committee
		(ii) A Seminar organised by the Department of Extension Services, Faculty of Education & Psychology on International Youth Year 4-2-1985.	Member of Organising Committee as well as discussant
4.	Panchal, B. R.	(i) Seminar on ' Recent Trends in Education ' for Primary Teacher Educators P.T.C. College for Women, Zalod, Dist. Panchmahals, 1-12-84 and 2-12-84.	Resource Person
		(ii) Seminar on ' Effective Teaching of Science for Teachers ' Uttar Buniadi Ashram Shala, Mirakhandi Dist. Panchmahals 15-7-'84.	Resource Person

Sr. No.	*Name of The Teacher*	*Programme, Place and Date*	*Copacity in which participated*
5.	Menon M. B.	(i) A 3-Day Course in Educational Evaluation organised at I. P. C. L., Baroda, January, 1985.	Organizer
		(ii) A 3-Day Course in Training Technology and Audio Visual Education, Training Centre, Gujarat Refinery, 8–10, February, 1985.	Organizer
6.	Christian J. A.	(i) India's Communication Institute, Bombay, 5th A. V. Workshop at ECC, Whitefield, Bangalore 27th April, to 27 May, 1984.	Resource Person
		(ii) A Workshop for the preparation of Handbook on ' National Values, for Std. VIII to XI at Ambaji, organized by Textbook Board, Gandhinagar, 14–16 July, 1984.	Resource Person
		(iii) A Workshop for the Preparation of Handbook on ' India's Independence ' for Std. I to VII at Dakor, organised by Textbook Board, Gandhinagar, 1st Sept., 1984 to 3rd Sept. 1984.	Resource Person

Sr. No.	Name of the Teacher	Programme, Place and Date	Capacity in which participated
7.	Kumar S.	A 3–Day Course in Educational Evaluation organised at I. P. C. L. January, 1985.	Organizer
8.	Ekbote, E. R.	(i) All India Workshop on 'Photography held from Dec. 11 to 20, 1984 organized by Dept. of Educational Technology, NCERT New Delhi	
		(ii) A 3-Day course on Educational Technology and A. V. Education at Training Centre, Gujarat Refinery, 8-10 February, 1985.	Organizer
9.	Menon S. B.	National Workshop on Educational Journalism, Jaipur, Feb–March 1985.	Participant
10.	Govinda R.	Workshop on Educational Journalism, Jaipur, February-March 1985.	Participant
	Department of Educational Administration		
11.	Dongre P. K.	(i) National Seminar on University and National Development, CASE, Baroda September, 28–30–1984.	Participant
		(ii) Seminar on Vedic Studies at Ahmedabad (Sola) October 13-14, 1984.	Participant delivered a Public lecture on Traditional Features of Vedic Learning.

Sr. No.	Name of the Teacher	Programme, Place and Date	Capacity in which participated
	Department of Psychology		
12.	Gon, M.	(i) Workshop on National Test Development: Review of Indian Tests in Print. The Department of Policy Research, Planning & Programming, NC ERT, New Delhi, Feb. 26-27, 1985.	Resource Person
		(ii) National Seminar on Human Resource Development, Dept. of Psychology, Baroda, February 18-20 1985.	One of the Organizers and Participants.
13.	Daftuar C. N.	—do—	—do—
14.	Parlikar R. K.	—do—	—do—
15.	Bhatt I. D.	—do—	—do—
16.	Pandit K. M.	—do—	Participant
17.	Parminoo B.	(i) —do—	—do—
		(ii) Annnal Conference of Gujarat Psychological Association held at Vallabh Vidyanagar, Anand from 29-30 December, 1984.	—do—
		(iii) Annual Conference on Applied Psychology, held in I.I.T., Delhi from May 25-27 1984.	—do—

Sr. No	*Name of the Teacher*	*Programme, Place and Date*	*Capacity in which participated*
18.	Mario X.	(i) Workshop on National Test Development Review of Indian Tests in Print. The Department of Policy Research Planning and Programming, NCERT, New Delhi Feb. 25-27, 1985.	Resource Person
		(ii) National Seminar on Human Resource Development, Dept. of Psychology, Baroda. Feb. 18-20 1985.	One of the organizers and Participants.
19.	Quraishi Z. M.	(i) Workshop on National Test Development : Review of Indian Tests in Print. The Department of Policy Research, Planning and Programming, NCERT, New Delhi Feb. 25-27 1985.	Resource Person
		(ii) First Conference of Gujarat Psychology Association held at Sardar Patel University, Vallabhavidyanagar, 29-30 Dec. 1984.	
20.	Pathak N. S.	National Seminar on Human Resource Development organised at the Department of Psychology M. S. U., Baroda, Feb. 18-20, 1985.	Organizer and Director

6. Exhibitions, Performance, Demonstration etc. at State, National or International level :

The National Levels Seminars, Workshops organised at the Faculty :

Department of Education and Educational Administration.

(1) All India Workshop on University and National Development sponsored by University Grants Commission. September, 28-30, 1984.

(2) All India Workshop for Developing Junior Research Fellowship Test in Education sponsored by University Grants Commission, December 28, 1984 to January 6, 1985.

(3) National Seminar on Research in Sociology of Education—Methodological Issues, CASE, Baroda March 11-13, 1985.

(4) A grant of Rs. 1200 received by Christian J. A. from the Research Institute, Text book Board, Dafnala, Ahmedabad to prepare 'A' Hand-book on National—Emotional in Geography for Std. V to VII. She completed the book in January, 1985.

Department of Psychology

(5) Organised the National Seminar on Human Resource Development during 18th to 20th February, 1985.

(6) Pathak N. S. and Khatena, Joe, A Fulbright Professor in Psychology from U.S.A. conducted a Training Programme for Gujarat Refinery in February, 1985.

7. National and International Awards and Distinctions

Name of the Recipient	*Description of the Award*
Desai D. B.	Awarded a National Lecturership in the area of Education for the year 1984-85

8. Visitors

1.	Khatena, Joe	Fulbright Awardee from USEF Professor, Missippi State, University U.S.A.	5-1-1985 to 20-4-1985. in the Department of Education.
2.	Mitra, S. K. Ex. Director, NCERT and I.C.S.S.R., Fellow	—	17-8-1984 to 2-9-1984
3.	Sinha H. C.	Professor of Education Allahabad.	9-9-1984
4.	Azad J. L.	Retd. Director, National Inst. Edul. Planning and Administration.	23-8-1984

5.	Saraf S. N.	Ex-Member, Planning Commission.	29-1-1985
6.	Nair P. R.	Professor of Education, Mysore	16-1-1985 and 17-1-1985

9. Any activity in the Faculty involving Innovations in Teaching/Research

(1) Joshi, S. M. developed Instrucitional Material for the Course A-503-Educational Psychology.

(2) A Project of Christian, J. A. under process on 'A Study of Value Inputs on Students Performance and Related Psychic Variables'. This Project has emerged out of Teacher Course on A-506 Classroom Management.

(3) Menon M. B. and Lakshmi T. K. S. systematised the Instuctions in Principles and Practices of Instruction at B.Ed. level, 1985 batch.

10. Any activity of the academic/social significance organised in or by the Faculty not included under the previous items :

Extension Services

A detailed summary of the programmes conducted by the Extension Department of the Faculty during the year under report was published.

Types of Programme

The Programmes are classified into two main catagories namely :

(A) Programmes for primary Teachers' Training Colleges with respect to :

(A 1) Primary teacher educators,
(A 2) Student teachers

(B) Programmes for School Renewal with respect to :

(B 1) Principals, (B 2) Teachers,
(B 3) Pupils, (B 4) Parents.

CHAPTER IX (B)

FACULTY OF EDUCATION AND PSYCHOLOGY

UNIVERSITY EXPERIMENTAL SCHOOL

FACULTY OF

EDUCATION AND PSYCHOLOGY

UNIVERSITY EXPERIMENTAL SCHOOL

CHAPTER IX (B)

1. **Courses of Studies**

The School follows the syllabus and the courses prescribed by the Department of Education, Government of Gujarat, and the Secondary Education Board of the Gujarat State.

2. **Students' Activities and Experiments**

—A project ' In the lap of nature ' was organised by the pupils of Std. IX. They visited Kadipani, Hafeshvar Asramshala at Chikhali, Chhotaudaipur.

—Pupils of Stds. V, VI and VII went on an educational tour to Goa for eight days on 16-10-84.

—Pupils of Std. XI Common collected blankets and mattresses and distributed them among the poor living on foot path.

3. **Results of Examination**

—90.40% Result of the New S.S.C. Examination of March, 1984.

—Chi. Hiren V. Majmudar stood first in the school. He secured 85% of marks. Chi. Sandip J. Chauhan got Second prize from Secondary Teachers' Association Baroda City, for getting 77.8% of marks in the New S.S.C. Exam. of March, 1984.

—77.7% Result of Higher Secondary (Science Stream) Exam. of March, 1984.

—Chi. Shivang M. Trivedi secured 82.7% of marks and stood first in the school.

—89% Result of Higher Secondary (Common Stream) Exam. of March, 1984.

—Chi. Kirtida Suryakant Mithawala obtained 73% of marks and stood first in the school.

—99% Result of U.N.I. test held by U.S.O. Chi. Nirmal Solanki of Std. VII and Chi. Ami Majmudar of Std. VIII won First and Second prizes respectively in the U.N.I. Test organised by U.S.O.

Hindi Examinations :

Balpothi 97%, Paheli 100%, Dusari 100%.

4. Awards and Prizes

(a) *Awards in Debate* :

Chi. Sangita N. Shah of Std. IX obtained Second prize in Vasant Rajab Shield Elocution Competition organised by Akhil Bhartiya Sevadal Gujarat.

Chi. Sangita N. Shah of Std. IX won Second prize in the Elocution competition organised by Soclean in Sayajigunj Section.

(b) *Awards in Sports* :

Chi. Malay R. Patel and Vyas Himanshu of Std. X were sent to school boys' Cricket Coaching Camp, from 2-8-84 to 31-8-84 at Polo Grounds.

(c) *Awards in Art and Drama* :

(i) Chi. Jay Suren Choksi of Std. VI won a prize of Rs. 125/- (one hundred twenty five) in Drawing Competition organised by Krelin.

(ii) The play ' Kallu Ballu ' written and directed by Kum. N. P. Desai won the first prize in Gujarat District Drama Competition.

(iii) The play ' Kallu Ballu ' won the Third prize at Navsari in Drama Competition organised by Gujarat Natya Academic and Kum. N. P. Desai got a prize for direction.

(iv) Chi. Viral Dave, Chi. Prachi Vaidya (Std. VIII), Chi. Pinku Patel (Std. IX) and Chi. Shilpa Shah (Std. XI) got prizes for their acting.

CHAPTER X

FACULTY OF COMMERCE

CHAPTER X

1. Published Articles/Papers :

Name,s	*Title*	*Name of the Journal wherein Published with date of Publication*
Department of Banking		
Elavia B. H.	Integrated Rural Development Programme : Rate of Commercial Banks under the Sixth Five Year Plane.	Financing Agriculture—July-September, 1984
Department of Business Economics :		
Saramma A. D.	(i) Baroda Natural Gas Project : " Loopholes in Pricing Policy " (Jointly with Ms. P. A. Javdekar)	" Commerce " Vol. 148 No. 3805, May 5, 1984
	(ii) " Urbanisation and its effects on Urban services in Vadodara " (Jointly with Dr. (Ms.) B. S. Kantawala)	Gujarat Economic Association Conference, Vallabh Vidyanagar, Feb. 3-4-85
Department of Co-operation :		
Rathod C. B.	Role of Women in Co-operative Development	A paper presented at the Fifth National Convocation of ISSC. Pune, in October, 1984 (Indian Society for Studies in Co-operation ISSC)

Name/s	*Title*	*Name of the Journal wherein Published with date of Publication*
Department of English :		
Raval R. K.	(Article Published) :	
	(i) " Wordsworth's Sports of time " and the use of ' Chiaro-scuro ' in Constable : A Study in Aesthetic Parallelion "	Journal of Comparative Literature and Aesthetics, Vol. VII No. 1-2, June '84 : Sambalpur University, Jyotivihar Orissa.
	(ii) " Domination of the Eye in Early Wordsworth "	' Indian Journal of English Studies ' Vol. XXIII, 1984 issue, Dec. 1984.

2. Published Books of Monographs :

Department of Business Economics :		
Saramma A. D.	Petroleum Industry — A study of its spread effects	Criterion Publications, New Delhi, 1985

8. Papers presented at Professional level Seminars, Conference etc. :

Name of the Teacher	*Theme, Organisor's Name, Place & Dates of the Conference/Seminar*	*Title of the Paper*
Department of Business Economics :		
1. P. R. Pancholi	" Human Stress and Environment " M.S.W. Faculty, 4th March, 1985.	Economic Cost and Pollution Control.
2. Saramma A.D.	5th All India Conference " Industrialisation and Regional Development " by the Society for the Study of Regional Disparities held at Sukhadia University, Udaipur, 15-16 Dec., 1984	"Industrialisation and its effects on the Social Overheads in Baroda "
Department of Statistics :		
Bhatt Rajashri G. and Jaiswal M. J.* *(of the Guj. Univ.)	72nd Conference of Indian Science Congress held in Dec. '84, Jan. '85 in Lucknow.	" An Effective Arrangement of Posters in Advertising ',

Name of the Teacher	*University/Institution and Date*	*Title of the Lecture*
4. Talks of academic nature given at different Universities/Professional Institutions :		
Department of Accounts :		
Patel A. G.	Sardar Patel University, Vallabh Vidyanagar, P. G. Deptt. of Commerce, December, 1984 under U.G.C. Scheme	'Break-Even Analysis and Analysis and Profit Planning'
Department of Banking :		
Sharma M. D.	Lucknow University, Faculty of Commerce, 23rd Feb., 1985	Research Methodology.
Department of Commerce :		
1. Beri G. C.	Sukhadia University, Udaipur, June, 1984	A Series of Lectures to M.B.A. Students on Marketing Management.
2. Bhatt A. S.	(i) B.J.Y.M. Sardar Patel University, Vallabh Vidyanagar, COHESSIP PROJECT, 14-12-84.	Product Positioning.
	(ii) State Bank of India. Staff Training Centre, Baroda, 30-5-1984	" Management of Change "
	(iii) State Bank of India, Staff Training Centre. Baroda, 4-6-1984.	" Marketing for Banks "
	(iv) IPCL Training Centre, 28-11-1984	" The Role of Supervisor "
	(v) IPCL Training Centre, 19-1-1985	" Industrial Relations and Peace "
Department of Co-operation		
Rathod, C. S.	(i) Under the Planning of Forum of Arts, Science, Commerce College of Borsad, 12-12-1984	Role of Co-operation under Five Year Plans on Evaluation.

Name of the Teacher	*University/Institution and Date*	*Title of the Lecture*
	(ii) Delivered series of 12 Lectures, organised by the Bank of Baroda, in September, 1984 for CAIIB Examination.	Rural Economics

5. Participation in Professional Programme, Workshops, Summer Schools etc.

Name of the Teacher	*Programme, Place and Date*	*Capacity in which participated*
	Department of Accounts	
1. Khedkar J. R.	Seminar on Tax Audit and General Tax at Baroda held in July, 1984 under the auspices of Baroda Branch of Chartered Accountants.	Member
2. Shah Jayantilal	(i) April '84 Residential Refresher Course, Bombay Chartered Accountants Society, Bombay, 3 days	Group Leader
	(ii) Feb. '85 The Regional Conference of Chartered Accountants, Bombay	Participants
	(iii) Jan. '85 Seminar on Taxation, Baroda.	do
	Department of Banking	
Sharma, M. D.	U.G.C. Workshop on " Impact at Research Methodology on researches in Management and Management Education Technology in India " (12-13 October, 1984) University of Rajasthan, Jaipur.	Expert to deliver lectures and preside over technical sessions

Name of the Teacher	*Programme, Place and Date*	*Capacity in which participated*
	Department of Commerce (including Business Administration) :	
1. Beri G. C.	Meeting of Expert Body, New Delhi, February. 1985	As an expert in Commerce and Management to Scrutinize the proposals on Seminars / Summer Schools received by the U.G.C. from various Universities and Colleges
2. Bhatt A. S.	" A Workshop on Management of Small Enterprises " Organised by Banyan City Jayces at Federation Hall, Baroda on 24-6-1984	Workshop Conductor
3. Patel B. S.	Completed in April, 1984 10 Month Faculty Development Programme at IIM Ahmedabad	Participants
	Department of Co-operation :	
Rathod C. S.	Workshp on Question Bank for T.Y.B.A. Co-operation, Anand Arts College, Anand—21-12-1984 to 23-12-1984	Expert

6. National and International Awards and Distinctions :

Name of the Receipient Teacher/Non-Teacher/ Student	*Description of the Award*
Department of Business Economics :	
Saramma A. D.	Invited to write a paper on " Socio-Economic effects of oil and gas from Bombay High " by International Labour Organisation, Geneva for ILO/Norwegiah Petroleum Project.

Department of Commerce including

Business Administration :

Beri G. C.	(i) Was selected by the American Biographical Institute, Releigh, North Cerolina, U.S.A. for inclusion in the proposed second world edition of the International Book of Honour
	(ii) A biographical entry included in the International Directory of Distinguished Leadership—(American Biographical Institute)

Department of Accounts :

Shukla Yogendra K.	First Prize for securing First Rank (87%) Distinction in the Computer Management Course organised by Baroda Productivity Council.

CHAPTER XI (A)

FACULTY OF MEDICINE

MEDICAL COLLEGE

CHAPTER XI (A)

A. Brief History :

The college started its working from June, 1949. This is a Government Institution affiliated to the M. S. University of Baroda. Annual admission for undergraduate course was 40 in the beginning and has gradually increased to the present figure 140.

B. Building

The college is housed in a spacious modern three storeyed building three hundred feet in length and breadth. Each floor has lecture hall to accommodate about 160 students. Besides there is one main lecture hall to accommodate about 400 students. The department of Anatomy, Physiology are placed on the second floor. The ground floor consists of department of Preventive and Social Medicine Administrative block. Medicine department, students dining and common rooms. Clinical Chemistry and Bio-Chemistry Departments and canteen. In addition to the spacious laboratories for each department well equipped Museum for the Anatomy, Pathology and Preventive and Social Medicine Department. Also exist in the college building, a separate animal house, cold storage for dead bodies, post-mortem rooms and Ayûrvedic out-patient department and Research science are in the Associated block near the main college building.

Attached Shree Sayaji General Hospital, where Clinical Institutions are imparted, has six Medical, six Surgical, four Obst. and Gynaecology, two paediatrics, one Dental, two E.N.T., three Orthopaedic, one Anaesthesia unit and one Psychiatry unit, one Skin v.d., one Plastic Surgery, two C.T. Surgery and two Opthalmology, one Neurology and one Urology Clinic are recently started at this college. The students are posted under these units for their clinical training. The total bed strength is 43766 and average 1141.06 daily in patient attendance and O.P.D. attendance for the year 1984—85 was 463229 and average 1493 respectively.

The campus has several attractive buildings, viz. the Medical College, twenty one hospital wards, the O.P.D., the Nurses and Resident staff quarters. Physiotherapy school etc. The interance students are also housed near the campus. Quarters for Professors, Assistant Professors and other staff are situated nearby,

1. Published Articles/Papers :

Sr. No.	*Name/s*	*Title*	*Name of the Journal where published with date of publication*
	E. N. T. :		
1.	Udwadia R. B. Tiwari R. S.	Tvmpanometry in Secretary otitis media.	July, 1984 (Indian Journal of laryngology and Otology Dr. Vijay Moredia Dr. R. B. Udwadia Dr. R. S. Tiwari
	Physiology :		
1.	Trivedi D. R., Desai C. A. and Chandwani S.	Study of electro cardiographic changes in normal non-pregnant and pregnant women .	The journal of obstetrics and Gynaecology of India Oct. 1984
2.	Pandya K. D., Chandwani S., Desai C. A. and Dadiani A. G.	Study of Vital capacity and timed vital capacity in normal non-pregnant and pregnant women.	Jr. Obst. Gyn. India, Dec. 1984
	P. S. M. :		
1.	Shah D. N., Rajgopal T., Joshi G. D., Kotecha P. V., Patel Y. I.	Parameters related to the fertility profile in the three adopted PHCS of Medical College, Baroda under the ROME scheme.	" The Medicine & Surgery "—No. 9 September 1984 p.p. 11-13—Vol. XXIV.
2.	Shah D, N., Durvasual R. H., Rajgopal T., Baxi R. K., Joshi G. D., Kotecha P. V., Patel Y. I.	" A study of the present status of Rural water supply and sanitation in Baroda District.	Jonrnal of the India water works Association. Vol. XVI, No. 1, Jan-March 1985, pp. 73 to 78
	Clinical Chemistry :		
1.	Shah N. C., Sharma Bharti, Bhatt Y. H., Shah P. B.	Prevalence risk of diabetes in persons with family history of diabetes.	The Medicine and Surgery, 24-9-84 (May 1984)

Sr. No.	*Name's*	*Title*	*Name of the Journal where published with date of publication*
2.	Shah D. S., Mahida S. B., Shah P. B., Vasavada N. B.	Assessment of fetal lung maturity by study of biochemistry parameters in amniotic fluid.	Journal of Obstetrics and Gynaecology of India, 34 : 43, 1985, (Feb. 1985)
	Pathology :		
	Handa V.	(i) The Oh (Bombay troup) Phenotype	Indian Medical Association Vol. 82, No. 12, Dec. 1984, pp. 446-447.
		(ii) Cord Blood studies for Alpha Thalassemias and its effect on few Haemlotological parameters.	IInd J. Haematol October 1984, Vol. II, No. 4 pp. 239.
		(iii) Alpha-Antitnupsin Deficiency in Cirrhosis of liver.	Journal of India Medical Association Vol. II, Nov. 1984, pp. 389-391.
		(iv) Hb E disease (A case report)	The Medicine and Surgery Vol. XXIV No. 4 April 1984, pp. 23.
	Paediatrics :		
1.	Modi U. J.	Cord Blood studies for alpha thalassaemias and its effects on a few haematological parameters.	Indian J. of Eaematology Vol. No. 4, 1984, pp-239-240.
2.	Gurbani S. G.	Anthopometic measurement in new horn in Medicine and surgery, July 1984, and " Hyperbilirubinemia in new born ".	A special paediatric issue of Medicine and surgery. July 1984.
	Medicine :		
1.	Sanghvi N. G.	Systolic time interval in Hypertension	December, 1984, Indian Heart Journal
2.	Patel H. R. Patel K. H.	Diagnosis of reversible and irreversible and failure	The India Practitioner Vol. 12 Dec., 1984.

2. **Papers presented at Professional Level, Seminars, Conferences etc :**

Sr. No.	*Name of the Teacher*	*Theme, Organisor's name, Place and Dates of the Conference/Seminar*	*Title of the paper*
	E.N.T. :		
1.	Tiwari R. S.	IXth Annual Gujarat State Branch conference of A.O.I., Baroda 4th Nov. 84 Annual conference of Association of otoleryngologister India at New Delhi, 5-8 Jan., 1985.	How I do it "Treacheostuma reconstruction in laryngology operation. Experience with pectoralis major flap in Head and Neck surgery
	Physiology :		
1.	Palam B. M. Chandwani S.	(i) Association of Physiologist & Pharmacologists of India XXX Annual Conference at A.P.P.I. at Bombolim (Goa) from 23-25 Nov. 1984	Correlatian of Hyphotizability with performance at Examination and with eye Roll score.
		(ii) Indian Society for clinical & Experimental Hyphosis. 1. National conference of Hyphosis & Psychosomatic Medicine, at Ahmedabad an 15-16 Dec., 1984.	"Examination Stress; effect of hyphotio suggestions"
2.	Pandya K. D., Dadlani A. G., Chandwani S.	XXX Annual Conference of A.P.P.I. Goa 23-25 Nov. '84	Effect of age, physical training, posture, sex & smoking on peak flow rate.
	P. S. M. :		
1.	Rajgopal T., Durvasual R. S., Shah D. N.	XXXVth All India Conference of Indian Association of Occupational Health held at Bangalore from 8th Feb., to 10th Feb., 1985.	An Epidemiological study of Air pollution in Baroda-city A multivariate analysis and development of a statistical model to predictmorbidity due to Air pollution

Sr. No.	*Name of the Teacher*	*Theme, Organisor's name, Place and Dates of the Conference/Seminar*	*Title of the Paper*
2.	Durvasul R. S. Shah D. N. Rajgopal T.	—do—	"Epidemiological study of Air pollution in Baroda city with reference to respiratory morbidity and pulmonary function tests.
3.	Rajgopal T.	National seminar on Hazards in chemical Industries Technological prevention and remedies, 2nd March, 1985 at Baroda.	"A systems approach to the control of hazards in chemical Industries.
4.	Kotecha P. V. Shah D. N.	15th Annual conference of Indian association of prev. & Soc. Medicine 11-1-1985 to 13-1-1985 at Mysore.	Evaluation of Implementation Rome Programme at three PHCS.
5.	Kotecha P. V.	35th All India conference of Indian association of occupational Health 8-9-10 Feb., 1985.	"Role of Industrial doctors as viewed by them".
6.	Baxi R. K.	11th National conference of IAPSM at Mysore 11-1-85 to 14-1-1985.	A clinico-Epidemiological study of 200 cases of measles and its complication in the slums of Baroda
7.	Baxi R. K., Gurbani S. G., Modi U, J.	15th National conference of IAPSM at Mysore 11-1-85 14-1-1985.	Relevance of age in anthropometry.
8.	Shah D. N.	(i) Development of teaching methodology Model for Tuberculosis to undergraduates. WHO workshop N.T.I. Bangalore 10-12-84 to 15-12-84.	Expert & Govt. Nominee.

Sr. No.	*Name of the Teacher*	*Theme, Organisor's name, Place and Dates of the Conference/Seminar*	*Title of the Paper*
		(ii) Middle level management of E.P.I. WHO Workshop N.I.C.D. New Delhi 9-1-1985 to 17-1-1985	Participant
	Clinical Chemistry :		
	Mani I., Patel H. R., Shah P. B., Mani U. V.	Paper read at the XI Annual conference of A.C.B.I. (Association of Clinical Biochemists of India), Bangalore from Feb. 20-23, 1985	Lipid profile in maturity onset diabetic patients
	Anaesthesia :		
	Tandon	27th Dec., to 30th Dec. 1984 Madurai, Annual conference of Indian Society of Anaesthesia	Coracaid approach to Branchial plexus block.
	Orthopaedics :		
1.	Nagpal P. S.	(i) Indian orthopaedic Association Annual conference, Kanpur 1984.	Functional & Myelography in the Diagnosis of Lumber Disc lesions.
		(ii) Gujarat orthopaedic Association Annual Conference, Baroda Feb. 1985	(i) Continental Approach for Menisectomy (A Video Presentation) (ii) Diagnostic Problems fo Low Back pain. (iii) Psychological Aspects of low back pain (iv) Radiculography Subcalcaneal pain
2.	Trivedi S. R.	Indian Orthopaedic Association Annual conference, Kanpur 1984	Haematogenous Septic Arthritis in Adults.

Sr. No.	*Name of the Teacher*	*Theme, Organisor's name, Place and Dates of the Conference/Seminar*	*Title of the Paper*
3.	Mehta P. R. Golwala P. P.	—do—	(i) Pin Guide for Internal Fixator (Video presentation) (ii) Girdlestore orthoplasty Injuries of Distal Tarsals—Metarsals.
	Medicine :		
1.	Sanghvi N. G.	APG, Surat conference in Dec. 1984	DNCB test in leukemia & lymphoma
2.	Patel K. H.	6th Annual Conference of APG in Jan. 1985 at Surat.	(i) A simple and rapid screening test for sickle Hemoglobin. (ii) Lipid profile of maturity onset diabetic subjects.—A prospective study of 30 patients.
3.	Lakhani J. D.	6th Annual conference of APG in Jan. '85 at Surat.	(i) Systolic time interval in rehabilitation of depute myocardial infraction. (ii) Systolic time interval in copd. (iii) CFS and serum enzyms in cerebrovascular accidents. (iv) CSF calcium and magnesium in epilepsy. (v) Clinical profile of myasthenia gravis with special reference to serum CPK enzims.

3. Talks of academic nature given at different Universities/Professional Institutions :

Name of the Teacher	*University/Institution*	*Title of the Lecture*
Eye Department :		
Sheth K. J.	Rajasthan Academy Feb., 1985	Use of laser in Opthalmology
Physiology :		
Palan B. M.	(i) 7th National Hypnosis course for medical professionals at V. S. Hospital, Ahmedabad 10-12-1884	Hypnotizability & Department of Hypnosis ".
	(ii) National Congress of Hypnosis & Psychosomatic Medicine at Manipur, Medical College, & V. S. Hospital, Ahmedabad to 16 December 1984.	" Physiological & Psychological factors during various phases of hypnosis.
Medicine :		
Sanghvi N. G.	Baroda Medical Union (for G.P.S.) Feb. '85	Hypertension Synopsis on Hypertension.

Name of the Teacher	*Programme, Place & Date*	*Capacity in which Participated*
E.N.T. :		
1. Udwadia R. B.	International workshop on Head & Neck cancer at New Delhi 2-5th Jan. 1985.	Discussion audience Participant
2. Tiwari R. S.	Course on Microsurgery of Ear and partid gland at B. Y. L. Nair Hospital, Bombay Co-sponsored by University of Meog. of Germany 11th-18th, Jan. 85	Attended.

Name of the Teacher	*Programme, Place and Date*	*Capacity in which participated*
Physiology :		
Plam B. M.	Workshop on hypnosis dt. 13-14th Dec., 1984	Trainee Participant
P. S. M.:		
Shah D. N.	(i) Development of teaching methodology Model for Tuberculosis to undergraduates. WHO workshop N.T.I. Bangalore 10-12-84 to 15-12-84.	Expert & Govt. Nominee
	(ii) Middle level management of E.P.I. who workshop N.I.C.D. New Delhi 9-1-1985 to 15-1-1985	Participant
Clinical Chemistry :		
Shah P. B.	Laboratory quality control and standardization in clinical chemistry Deptt. of Laboratory Medicine Chemistry Dn, SB-10 University Hospital University of Washington, settle, Washington 98195 U.S.A. 2 months from 14-1-1985.	WHO Fellow

5. National and International Awards and Distinctions :

Name of the Recipient Teacher/Non-Teacher Student	*Description of Award*
Shah D. N.	Bhaikaka prerit Inter University Hari Om Ashram Medal for best research paper 1983-84, May 1985 S. P. University, Vallabh Vidhyanagar.

6. Library :

Total Stock	— 28,450
Journals Subscribed	— 170
Subscription of Journals	— 20,340-00.

CHAPTER XI (B)

FACULTY OF MEDICINE

SHETH UJAMSHI PITAMBERDAS AYURVEDIC RESEARCH UNIT

FACULTY OF
MEDICINE
SHETH UJAMSHI PITAMBERDAS
AYURVEDIC RESEARCH UNIT

CHAPTER XI (B)

1. Function of the Unit

The only function of Sheth U.P.A.R. Unit is Research on Ayurvedic Medicine.

Towards this aim the Unit has the following facilities :

1. Library :

The Unit has a library with about 2500 books on different subjects like Ayurvedic Medicine, Pharmacology, Pathology, Chemistry, Botany etc. However the total number of Books has remained constant for some years as no new books have been added.

2. Museum :

Fifty groups of available medicinal herbs, each group consisting of 10 drugs according to the Pharmacological Classification of Charak, are arranged and maintained. A Section of Ayurvedic Medicine preparations is also provided. Work concluded in the Unit is exhibited separately. There are about 1,000 Ayurvedic specimens, 54 herbarium frames, 7 original Ayurvedic photo frames, 75 specimen jars of fresh herbs preserved in solution and 16 charts and maps. About 300 specimens have been collected for the herbarium and are classified. A relief map of India showing the distribution of important medicinal plants of India is exhibited in the museum.

3. Rasha-Shala :

The Unit prepares its own Ayurvedic preparations for the O.P.D. patients and for Research.

2. General Ayurvedic O.P.D.

During the year 1984-85 a total of 3573 patients were treated out of which the new cases were 1442 and the old cases 2131. The corresponding figures for the year 1983-84 were 1773 new and 35673 old cases. The very high figures for old cases in previous years is due to an error in calculation. When a patient

was given medicine for 10 days it was recorded as 10 patients instead of one in earlier years. This mistake has been rectified this year and the figures are the actual correct ones.

3. Use of S.S.G. Hospital

The Unit has the arrangement for the use of beds in S.S.G. Hospital through the Honorary Physician attached to Sheth U.P.A.R. Unit for the purposes of Clinical Trials.

4. Staff

SUPARU has the following staff on its role: One Honorary Head of the Unit, One Honorary Physician, one Research Officer (Ayurved), One Asstt. Research Officer (Ayurved), One Head Clerk, One Compounder, Three Compounders, Three Class IV Servants.

Work done in the Unit :

1. The work on the effect of Tambra Bhasma (TABH) on the experimental paptic ulcer in rats has been completed. TABH was found to be extremely effective in preventing peptic ulcers in rats. It also had no significant side effect.

   TABH will now be studied on human patients.

2. While studying TABH on ulcers, a modern drug Verapamil a Calcium channel blocker, was also found to be very effective in preventing ulcers in rats. This is the first time a calcium channel blocker is shown to have effect on peptic ulcer. The Preliminary communication this finding has already been accepted for publication in Indian Journal of Pharmacology.

Professional Growth of the Staff :

Dr. D. C. Pandya, Research Officer of Sheth U.P.A.R. Unit presented the results of work on TABH in the Asian Congress of Pharmacology held in New Delhi in January, 1985.

CHAPTER XII

FACULTY OF TECHNOLOGY AND ENGINEERING

FACULTY OF

TECHNOLOGY AND ENGINEERING

CHAPTER XII

1. Courses of Studies

New Courses started during the year.

Applied Mechanics Department :

(i) Post-B.Sc. Diploma in Geotechnique—one year duration (Two Semester).

(ii) Elective subject of " element of Fracture Mechanics " at the Final Year Final Semester of B.E. Civil.

(iii) Elective subject of " Mechanics of Fracture " at M.E.—Part II (Three Semester Course).

Civil Engineering Department :

Post-B.Sc. Diploma in Environmental Engineering.

Chemical Engineering Department :

Post-graduate Course leading to Degree of M.E. (Chemical Engineering) Polymer Technology.

Architecture Department :

(ii) Restructuring of B.Arch. Course introducing Practical training, electives and two new subjects as per recommendations of the Council of Architecture.

2. Published Articles/Papers

Applied Mechanics Department :

Sr.No.	*Name/s*	*Title*	*Name of the Journal wherein published with date of Publication*
1.	Parikh Piyush and Biyani K. R.	Influence of rate of loading on Diametrically Compressed rock.	Science, Technology and Medicine, M.S.U. Journal, No. 3, 1984.
2.	Parikh Piyush and Shroff A. V.	Soil foundation structure interaction during consolidation of clays.	science, Technology and Medicine, M.S.U. Journal, No. 3, 1984.

Sr. No	Name/s	Title	Name of Journal wherein published with date of Publication
3.	Giri P. R. Kulkarni K. S.	Influence of length of pile on coefficient of elastic uniform compression of clays during vibration.	Science, Technology, Medicine, M. S. U. Journal No. 3, 1984.
4.	Shroff A. V. Shah D. C.	Enclosure on the paper : Rheological Aspect of Resorcinolic grout with sand.	IGS Conference Volume No. 2, pp. 28, 1984.
5.	Shroff A. V. Gajjar G. I. Parikh Piyush	Enclosure on the paper : Electro-Chemical hardening of marine clay.	IGS Conference, Volume No. 2, pp. 29, 1984.

Civil Enginreeing Department :

1.	Parthsarthy G. S. Chauhan L. I. Bhatt N. M.	Ground Water Quality in and around the Area Irrigated by Waste Water.	Journal of India Water Works Association, Vol. XVI No. 4 October-December, 1984.
2.	Vyas P. D. Parthsarthy G. S. and Modi P. M.	Some Hydrodynamic Aspects of Diffused Air Pumping for Destratification of Density Stratified Reservoirs.	Journal of Civil Engg. Dn., Institute of Engineer India, March, 1985.

Chemical Engeneering Department

Subrahmanyam N.	Alcohol Manufacture in India.	Proceedings of the National Symp. on Biotechnology, Chandigarh, 1984, P-17.

Metallurgy Engineering Department :

1.	Deshpande N. U. Roy K. K. and Malik A. K.	(i) The Al-Se-Zn System.	Trans. IIM, Vol. 37, No. 6, p. 709, Dec. 1984.
		(ii) —do—	Trans. IIM, Vol. 37 No. 6, p. 715, Dec. 1984.
2.	Pai K. B., Mondal A. K. and Trueman S.	Pitting Studies on 304 Stainless steel in Saline Environment.	Proceedings of the A.Tech. meeting 19-20 July, 1984, Bangalore.

Textile Engineering Department :

1.	De Dipak Kumar Dutta P. and Banglore V. A.	Comparison of Ring spun yarns produced with conventional and Revolving Rings.	J.I.F., 1984, Vol. 65, Dec. P. 1.
2.	De Dipak Kumar Bhattacharya A. and Banglore V. A.	Fibre Segregation in Silvers and Rovings.	I.T.J., 1985, Vol. 95. Jan., P. 89.

Textile Chemistry Department :

1,	Karmakar S. R.	Chemical Hazards from Textile Process House	Textile Industries and Trade Journal, Annual Issue, Jan. 1985.
2.	Bhattacharya S. D.	(i) Hot Brand Dyeing of Reactive Colours in Room Temp.	Indian Textile Journal, Oct. 1984.
		(ii) Acetylation of Cotton.	Indian Textile Journal, Nov. 1984.
3.	Gupta R. P.	(i) "What Colour Speaks".	Indian Textile Journal, Oct. 1984.
		(ii) Removal Stains and stripping of colours from Textiles.	Indian Textile Journal, Feb. 1985.

Architecture Department :

1.	Pramar V. S.	(i) Study of Indoislamic towns of Gujarat.	Environmental Design Rome Ist Issue 1985.
		(ii) Architectural Links between Gujarat and Abysinia.	Marg. Vol. XXXVI, 1985.
		(iii) Comparative Woodwork of India.	Architecture + Design March, 1985.
2.	Mehta Jainini	kindergarten Project.	Architecture + Design Nov. 1984.
3.	Deshpande S. V.	Housing course as a discipline, what for ?	I.I.A. Journal (Gujarat Chepte June, 1984 .)

Pharmacy Department -:

1.	Agrawal Y. K. and Menon K. S.	Micro-determination and separation of Titanium in Environmental samples by Spectrophotometry.	Analyst., 109, 17 (1984).

Sr. No.	Name/s	Title	Name of the Journal wherein published with date of Publication
2.	Agrawal Y. K., John K. T.	(i) New Substituted Hydroxamic acids for spectrophotometric determination of cerium.	Bunseki Kayaku, (Secl E), 33, 137 (1984).
		(ii) Extraction-Photometric Determination of Microgiam amounts of Nibobium (V).	Analyst 109, 1509 (1984).
		(iii) Extraction and Spectrophotometric determination of Titanium (IV).	Analyst, 110, 57 (1985).
3.	Agrawal Y. K. and Roshania R. D.	(i) Gravimetric determination and separation of alkaline earth metals with N-p-Chlorophenyl Cinnamo-hydroxamic acid.	J. Indian Chem. Soc., 61, 248 (1984).
		(ii) Benzohydroxamic acid as an Indicator in the Titrimetric determination of Alkali earth metals.	J. Indian Chem. Soc., 61, 273 (1984).
4.	Agrawal Y. K. and Bhatt V. J.	Extraction and spectrophotometric determination of Bismuth (III) with N-m-Tolyl-p-chlorobenzohydroxamic acid and xylenol orange,	Analyst, 109, 1287 (1984).
5.	Agrawal Y. K. and Dayal U.	Spectrophotometric determination of Hafnium as a mixed Ligand complex with N-p-Tolyl-p-methoxy benzohydroxamic acid and xylenol orange.	Analyst, 109, 1565 (1984).
61	Agrawal Y. K. and Mehd. G. D.	Extraction and Spectrophotometric Determination of Zinc.	J, Indian Chem. Soc. 61, 462, (1984).
7.	Agrawal Y. K. and Nagar A. K.	Extraction, Spectrophotometric and fluorimetric Determination of submicrogram quantities of Aluminium with N-phenyl benzohydroxamic acid.	J. Indian Chem. Soc. 61, 614 (1984).
8.	Banerjee S. K.	" Life to us is death to Rodents "l	Bull, Indian Pharmaceutical Asso. Baroda Branch Vol. I : 5, 1984.
9.	Patel I. R. and Rao K. K.	(i) Indunction of premature lysis of bacteriophage infected *P. aeruginosa* PAO, by Polymyxin B.	Microbios Letters 25, 35, 1984.
		(ii) Prophage induction by liver microsomal metabolism of Aflatoxin Bl in lysogenic *P. Aeruginose.*	Acta Microbiologica, 31, 359, 1984.
10.	Jain N. K. and Kothari R. P.	(i) Solvent deposition systems "	Indian Drugs 22 (2) 51-60, 1984.
		(ii) *In vitro* Dissolution and Absorption Enhancement of Oxyphenbutazone through solvent diposition.	
11.	Jain N. K. and Gandhi D. N.	Hydrophobicity in Pharmacy.	Indian Drugs **22 (3)** 106-112, 1984.
12.	Jain N. K.	Switching over to a 3-Semester M.Pharm. Course	Pharma Times 16 (12), 26-27, 1984.
13.	Jain N. K. and Naik S. O.	Designing of slow Release capsule employing Laser Drilling.	J. Pharma Science, 73 (12). 1806-1811, 1984.

Applied Mathematics Department :

1.	Asti N. M.	An Aspect of ground water flow in a two layered soil with heterogeneity in the lower layer.	M. S. U. Journal, 1984.
2.	Jaiswal K. J.	Pressure Distribution at Fingure tips in a certain problem of Ground Water replanishment.	M. S. U. Journal, 1984.

Applied Chemistry :

1.	Vora R. A.	(i) Exhibition of non-linear behaviour and Smectic and nematic mesophases in the binary systems where both the components are non-mesogenic. *Renu Gupta* and *R. A. Vora.*	Molecule Crystal; Liquid Crystal 106 (1-2), 147-159 (1984)
		(ii) Mixed Mesomorphism ; Binary Liquid Crystal systems exhibiting linear and non-linear thermal behaviourl *R. A. Vora and Nilesh Dixit*	

Sr. No.	Name/s	Title	Name of Journal wherein published with date of Publication
		(iii) Mesogenic Polymers I : Thermotropic Liquid Crystalline polymers from P- hydroxy benzoic acid, *R. A. Vora, Nilesh Dixit, G. D. Karadkar* and *R. G. Patel.*	Molecular Crystal, Liql Cryst. 1984, 198 (3-4), 1871
		(iv) Mesogenic Polymers IV : Synthesis, characterization and evaluation of mesogenic and other Physical properties of polyesters and polyamides obtained from 1,2-bis (4'-carboxy-phenyl ethane *R. A. Vora and R. G. Patel.*)	Moleculer Crystal Liq. crystal, 1984, 110 (1-9), 109-20.
		(v) Mesogenic Polymers with Heterocyclic Moiety : I Polyesters.	Moleculer Crystal, Liquid Crystals, 123, (1985)I
2.	Gupta Renu	Exhibition of non-liner behaviour and smectic and nematic mesophases in the binary systems where both the components are non-mesogenicl	Moleculer Crystal, Liquid Crystals, 106, 147-159, (1984).

Applied Physics Department :

1.	Joshi R. V., Joshi T. R., Mahajan O. H., Kathuria S. P., Kehate A. K.	Effect of B_a and Ca^{2*} impurities on TSL of sodium chloridel	Journal of Luminescence 31 and 32 North Holland, Amsterdam, 1984, November, 1984,
2.	Joshi R. V., Joshi T. R., Dhake K. P.	Determination induced TL in NaCl : (Ca (T)	Journal of Luminescence 31-32. North Holland, Amsterdam. November, 1984.
3.	Mahajan O. H., Joshi T. R., Joshi R. V., Kathuria S. P.	Kinetics and Trapping Parameters for 220°C TL Dosimetry peak in NaCl : Ba (T)	Nuclear Tracks and Radiation Measurements, Great Britain Feb. 1985.
4.	Mahajan O. H., Joshi T. R., Joshi R. V. V., Nambi K.S.V.	Gamma Radiation Dosimetry Using NaCl : Ba (T) TL Phosphor,	Journal of Health Physics U.S.A. Feb, 85, 1985.
5.	Joshi R. V., Dhake K. P., Joshi T. R.	Effect of F. and Z light illumination an thermal glow curve of pretreated NaCl % Ca phosphors	Journal of Materials Science Letters. March, 1985.
6.	Swarnalata N. Agrawal R. K. L. Padmini	Ultrasonic Velocities and Elastic Constants In Indium alloys.	Pramana Vol. 23 No. 2 page 155-63, 1984.
7.	Otia J. R., Agrawal R. K. L. Padmini	Investigation of Pre-transitional effects in some liquid crystals.	J. Pure and Applied Rhotrasonics, Vol. 6. Nos. 2 P. 33, 1984.
8.	Shah A. R., Pandya J. R.	(i) Non-dislocation Thermal etch pits on calcite cleavages. (ii) Chemical dissulution of calcite cleavages in aqueous solution of sodium hydroxide.	Surface Technology volume 25, No. 1, pp. 59-64, (1985), January. Crystal Research and Technology 20, 1985, 6, 813-817, March.

3. Published Books and Monographs

Sr. No.	Name of the Author	Title of the Book	Name of the Publisher and Year of Publication
	Applied Mechanics Department		
	Shah H. J.	Rainforced concrete.	Charotar Publishing House, Anand, 1984-85.
	Mechanical Engineering Department		
1.	Patel R. C. and Karamchandani C. J.	Heat Engines, Vol. 1, 2 and 3, 11th Edition.	Acharya Book Depot, Baroda, 1984-85.
2.	Patel R. C. and Gupte C. G.	Work-Study, 2nd Edition.	—do—

4. Papers presented at Professional Level Seminars, Conferences etc.

Sr. No.	Name of Teacher/s	Theme, Organiser's Name, Place and Dates of Conference	Title of the Paper
	Applied Mechanics Department		
1.	Parikh Piyush, Shroff A. V. and Gajjar Ckandrakant	Geotechnical Engineering Indian Geotech. Soc., Calcutta, 20th December to 24th December, 1984.	Electro-Chemical Hardening of Marine clay.

Sr. No.	Name of Teacher/s	Theme, Organisr's Name, Place and Dates of Conference	Title of the Paper
2.	Shroff A. V. and Shah D. L.	Geotechnical Engineering Indian Geotech. Soc., Calcutta Chepter, Calcutta, 20th December to 24th December, 1985.	Rheological Characteristics of Resorcinolic grouts.

Civil Engineering Department

1.	Modi P. M., Reddy J. Mohan and Clyma Wayne	Seminar on "Water Management Institute of Engineers (India) Roorkee, January 12th, 13th, 1985.	1. Role of Water Management Engineering Irrigated Agriculture in Gujarat State India.
2.	Modi P. M.		2. Mohni Water Cooperative Society-A Case Study of Irrigation Water Management in Command Area of Kakrapar Weir in Gujarat State.
3.	Bhatt R. D.	Seminar on "Bituminus Pavements" Government of Gujarat, Gandhinagar, June 5th, 6th, 1984.	Strength Evaluation of Bituminus pavements in Field.
4.	Bhatt R. D., Shah G. N., Shah D. P. and Parmar N. B.	Seminar on "Recent Developments in Construction Technique and Management" O.N.G.C. and Institute of Engineers (India) Roorkee local centre, Dehradun, February 22nd, 24th, 1985.	Geotextiles as a construction material.
5.	Savani A. K. and Modi P. M.	National Seminar on "Water Resources Management for Rural Development" Kamla Nehru Institute of Technology, Sultanpur, October, 18th 19th, 1984.	Basic consideration of Water Management in rice irrigation.
6.	Savani A. K. and Modi P. M.	—do—	Consumptive use of crops using Radiation method.
7.	Savani A. K. and Modi P. M.	—do—	Farmers Involvement on Farm Irrigation Water Management.
8.	Savani A. K. and Modi P. M.	29th Congress of ISTEM and symposium on "Flow through and past Porous media" ISTM Karnataka, December 27th-30th, 1984.	See page from a Trapezoidal canal A mathematical model,
9.	Savani A. K., Modi P. M. and Panchal J. B.	National symposium on Formulation and Appraisal of Irrigation project WRSP Patna University, March, 28th-30th, 1985.	Developing synthetic unit Hydrograph for Large catchment Area
10.	Prajapati J. J.	National seminar on "Gates and Valves Regional Engineering College", Bhopal, July, 1984.	Areation problem of Gated outlet work.
11.	Prajapati J. J.	National Seminar on "Water Resources Management for Rural Development" Kamla Nehru Institute of Technology, Sultanpur October, 18th-19th, 1984.	Modernization of Water courses for Rural Development.
12.	Prajapati J. J.	—do—	Underground pipeline Irrigation.
13.	Prajapati J. J.	National Seminar on "Formulation and Appraisal of Irrigation projects" W.R.S.P. Patna University March, 28th-30th 1985.,	Flow measurements in Irrigation practices.
14.	Parthsarthy G. S., Sutaria P. N., Bhatt N. M. and Modi P. M.	(i) National Seminar on "Transfer of Hydrological knowledge" Annamalai Uni., August 13-14th, 1984.	Hydrological un-balance due to Human interference.
		(ii) National Seminar on "Water Resources Management for Rural Dev." Kamala Nehru Inst. of Tech. Sultanpur, Oct. 18th-19th, 1984.	Floods Disaster Prevention and Management.
		(iii) —do—	Ecological Implications in the Development of large scale Irrigation projects.
		(iv) 72nd Annual session of Indian Science Congress, Engineering Section, LUCKNOW, January, 3rd-8th, 1985.	Water quality for Irrigation.
		(v) National Symposium "Formation and Appraisal of Irrigation Project" W.R.S.P. Patna University, Patna, March 28th-30th 1985.	Impact of Rotational water Distribution system on Effective Water Management Practices.
		(vi) National Seminar on "Transfer of Hydrological knowledge" Annamalai Uni. August, 13th-14th, 1984.	Hydrological Impect on Infiltration factor-philosophy of Rainfall infiltration.

Sr. No.	Name of Teacher/s	Theme, Organisor's Name, Place and Dates of Conference	Title of the Paper
15.	Geethanath H. Y.	National Symposium on " Remote sensing for Urban Development " INCOR, Vishakhapatham. January, 12th-14th, 1985.	Remote sensing Applications to Estimate Water contents of Vihar Lake.
16.	Shete D. T.	Workshop on " Management of Education P. S.G. College of Technology Colmbatore, May, 13th-26th 1984.	Technology Assessment for Water Resources Management.
17.	Shete D. T. and Modi P. M.	(i) National Seminar on Water Resources Management for Rural Development Kamla Nehru Inst. of Tech. Sultanpur, October, 18th-19th 1984.	Planning and Updating farm Irrigation schedules taking into account systems Optimal depth.
		(ii) —do—	Crop salt tolerance Management.
		(iii) National Symposium on " Formulation and Appraisal of Irrigation Projects W.R.S.P., Patna, March, 28th-3oth, 1985.	Planning, Updating and optimizing farm Irrigation schedules.
18.	Sheth D. T. and Modi P. M.	(i) National Symposium " Formulation and Appraisal of Irrigation Projects " W.R.S.P., Patna, Uni. March, 28th-30th, 1985.	Research Needs in Evaluation of Detrimental Effects of Irrigation Development.
		(ii) National symposium on " Formulation and Appraisal of Irrigation Projects " W.R.S.P. Patna University, March 28th-30th, 1985.	Irrigation Planning and Evaluation.

Electrical Engineering Department

1.	Mehta J. H.	Paper Meeting of Institution of Engineers (India) Calcutta, Bangalore, 19 and 20th January, 1985.	Microprocessor based Numerically Controlled Machines.

Chemical Engineering Department

1.	Puranik S. A.	37th Annual Session of the Indian Inst. of Chemical Engineers, Delhi, 17th December to 20th December, 1984.	Thermodynamic of some selected oxidation reactors.
2.	Subrahmanayam N.	(i) —do—	Input energy requirements to produce selected products in India.
		(ii) National Seminar on Cement Industry by Hydrabad Regional Centre of IIChE, 24th March, 1985.	Split location of cement plants.
3.	Puranik S. A. and Oza K. T.	A Seminar on Hazards in Chemical Industry by IIChE. Baroda, Centre on 2nd March, 1985 at IPCL, Baroda.	Biodegradation of toxic cyanide waste.
4.	Pandya S. B.	A Seminar on " Hazards in Chemical Industry on 2nd March, 1985 at IPCL, Baroda " by IIChE, Baroda, Regional Centre.	Hazards and Safety with process vessels.
5.	Ethirajula K.	—do—	A system approach to control of Hazards in Chemical Industry.
6.	Oza K. T.	—do—	Hazards in Plastic Processing.

Metallurgical Engineering Department

1.	Basa D. K., Agrawal S. K. and Gadgeel V. L.	38th Annual Tech. Meeting and 22nd NMD of IIM, Bangalore, November, 1984.	Failure Analysis of Thermowell Tube of 1.25 Cr., 05 MO Steel.
2.	Joshi P. B., Shah N. M. and Gadgeel V. L.	—do—	Failure Investigation of Piston Rod of ammonia Compressor at Caprolactum Plant.
3.	Murti Sunder N. S.	—do—	Strength Measurements of Chromite Ore Pellets/Briquettes of Ele. Temp.
4.	Pai K. B., Mondal A. K. and Trueman S.	ATM of ECST, Bangalore, July, 1984 and published in proceeding.	Studies on pitting Corrosion of 304 Stainless Steel in Saline Environment.
5.	Basa D. K., Munshi S. R. and Mehta G. N.	34th Convention of IIF, Bombay, February, 1984.	Some Aspects of Cost Analysis in Foundry.

Sr. No.	Name of Teacher/s	Theme, Organisor's Name, Place and Dates of Conference	Title of the Paper
	Textile Engineering Department		
	Banglore V. A.	Institute of Engineers, Calcutta, 29th December, 1984.	Rotating Rings.
	Textile Chemistry Department		
1.	Bhattacharya S. D.	Annual Paper Meeting Session Institute of Engineers held on 29th December, 1984.	Dye Induced Changes in Mechanical and Physical Properties of Acrylic yarn dyed with Cationic dyes.
2.	Jamadgni R. P.	A Seminar conducted at I.P.C.L. on March, 1985.	Hazards in Chemical Industry.
	Architecture Department		
1.	Parmar V. S.	Council of Architecture Seminar on Architecture Education, Hyderabad, January, 1985.	Duration of B.Arch. Course in Comparison with other courses.
	Applied Mathematics Engineering Department		
1.	Pathak V. D.	Annual Conference of Gujarat Ganit Mandal during 30-31 October, 1984 at Gundeva.	Effect of Computers on Mathematics Education.
	Pharmacy Department :		
1.	Agrawal Y. K. and Patel D. R.	36th Indian Pharmaceutical Congress, Banglore, 9-11th February, 1985.	Determination of aluminium a magnesium in pharmaceuticals.
2.	Banerjee S. K. and Porter W. R.	—do—	Separation of cholecalciferol vit. K on the chlorodarivative of vit Kl in a mixture by high pressure liquid chromatography
3.	Jain N. K. and Misra A. N.	—do—	Design and Evaluation of sustained release tablets of Hydralaxine HCl.
4.	Jain N. K. and Kothari R. P.	—do—	In vitro dissolution and absorption enhancement of oxyphenbutazone through solvent deposition technique.
5.	Patel R. M. and Rao K. K.	—do—	Role of surfactants on fermentative production of cellulolytic enzymes by Fusarium moniliforme.
6.	Dighe A. S. and Rao K. K.	—do—	Production of cellulasses by Penicillium funiculosum NRRL 5837.
7.	Barbhaiya H. B. and Rao K. K.	—do—	Fermentative production purification and characterization of iron chelating fluorescent pigment of Pesudomonas aeruginosa PAOL.
8.	Jain N. K. and Naik S. U.	—do—	Commercial and economic feasibility study on designing controlled drug delivery systems employing laser drilling.
9.	Kaur R.	Asian Congress of Pharmacology, New Delhi, 15th-19th January, 1985.	
	Applied Chemistry Department :		
1.	Lohar J. M.	J. M. Lohar and Jayrang S. Dave presented at the XVI National Seminar on Crystallography Delhi (January, 1985).	Study of New Mesogens Homologous series p-(p-Alkoxychinna-moyloxy) benzylidene m choloroanilines.
2.	Vora R. A.	(i) R. A. Vora and G. D. Mehta presented in the 21st Annual Convention of Chemists held at Jadhavpur University Calcutta 14-19th October, 1984.	Mesogenic Romologous series : 4 (4'-n-Alkoxy benzolyloxy)-3 Methoxy-benzy-lidene-4''-n Butylanilines,
		(ii) R. A. Vora and N. C. Patel presented in the 21st Annual Convention of Chemists held at Jadhavpur University Calcutta, 14th-19th October, 1984.	Reactive Polymers II : Polyster containing reactive Chlorine Group.

Sr. No.	Name of Teachers	Theme, Organisor's Name, Place and Dates of Conference	Title of the Paper
	Applied Physics Department :		
1.	Agarwal R. K. L. P. Swarnalata, Patil D. P.	Acoustics Conference IIT Kharagpur October, 1984.	Properties of some Alloys.
2.	Joshi T. R., Joshi R. V., Mahajan O. H., Nehate A. K.	International Conference on Luminescence (ICL -84) Wisconsin University Wisconsin, Madison, USA, August 13th-17th 1984.	Effect of Ba^{2+} and Ca^{2+} imurite is on TSL of Sodium Chloride.
3.	Joshi T. R. and Dhake K. P.	—do—	Deformation Induced TL in NaCl : Ca (T)
4.	Joshi T. R. and Prasad L. H.	National Seminar on Crystallography, Physics, Deptt. Delhi University, February, 1985.	Fluorescence study of Thallium doped alkali halides.
5.	Joshi T. R. and Mahajan O. H.	—do—	Complex TL centres in Nacl : Ba (T) Phosphor.
6.	Joshi T. R. and Nehate A. K.	—do—	Deformation induced TL in UV irradiated NaCl ; Ca.

5. Talks of Academic Nature given at different Universities/Professional Institutions

1.	Parikh Piyush	Short course of FEM and its Engg. Applications held at Applied Mech. Department in August, 1984.	Analysis of Dams.
2.	Damle S. K.	(i) Short course of FEM and its application held at Applied Mech. Department on 31st July, and 3rd August, 1984.	1. Dynamic Analysis, 2. Fiacture Mechanics.
		(ii) ISTE Winter School on Application of Computer to Civil Engineering problems 12th January, 1985.	Computer application to dynamic problems in structures.
3.	Thattey V. S.	Short course of FEM and its applications held at Applied Mech. Department on 3rd August, 1984.	Laboratory Aspects in Fracturs Mechanics.
4.	Shroff A. V.	Short courses of FEM and its applications held at Applied Mech. Department on 31st July, 1984.	Consolidation of clays by Finits Element Analysis.
5.	Patodi S. C.	Short courses of FEM and its Engineering applications held at Applied Mech. Department on 30th July, 1984.	One dimensional Finte Element Analysis.
6.	Khisti M. G	Short course of FEM and its Engineering Applications held at Applied Mech. Department on 31st July, 1984.	Plane and (Plate) bending problems.
	Civil Engineering Department		
1.	Modi P. M.	Water and Land Management Institute, Gandhinagar, June, 1984.	Evapotranspiration and Irrigation Scheduling.
2.	Geethnath H. Y.	Faculty of Science, M. S. University, Baroda, February, 8, 1985.	Aerial Photography and remote sensing.
	Metallurgy Department		
1.	Gadgeel V. L.	(i) Short courses on Metallurgy for Non-Metallurgist under Baroda Chapter and Ind. Met. Division of IIM from 20-23 September, 1984.	Failure Analysis and Selection of Materials.
		(ii) Prototype Dev. Centre of Small Industries Dev. Government of India, Rajkot (16th August, 1984).	Two lectures on Recent Development in Heat Treatments.
2.	Murti N. S. Sundar	—do—	Metals Extraction from Ores.
3.	Agrawal S. K.	—do—	Heat treatment Welding and other Metal joining processes.
4.	Basa D. K.	—do—	Effect of Alloying Elements on Properties.
5.	Pai K. B.	Short Course on Metallurgy for Non-Metallurgist under Baroda Chapter and Ind. Met. Division of IIm from 20-23 September, 1984.	Simple Treatment of Steels, Plating, Galvanising, Aluminizing.
6.	Shah N. M.	—do—	Metallography and its applications.

6. Participation in Professional Programme, Workshops, Summer Schools, etc.

Sr. No.	*Name of the Teacher*	*Programme, Place and Date*	*Capacity in which participated*
	Applied Mechanics Department :		
1.	Parikh Piyush	Professional short course of finite Element Methods with Engineering Applications on 2nd August, 1984 by App. Mech. Deptt., Faculty of Tech. and Engg., Baroda.	Co-ordinator of the course.
2.	Patodi S. C.	—do—	Co-ordinator of the course.
3.	Shah A. K.	Professional short course on Finite Element Methods with Engg. Application on 2nd Aug., 1984 by App. Mech. Deptt., Baroda.	Participant
4.	Gandhi M. C.	—do—	Participant
5	Patodi R. K.	—do—	Participant
	Civil Engineering Department :		
1.	Bhatt R. D.	Workshop on " Geoenvironmental management of Gujarat " Baroda September, 8th 1984.	Participant
2.	Bhatt R. D. and Parmar N. B.	(i) National Workshop to promote to the use of National Standards in Technical Educations " Ahmedabad Jan., 17th, 18th, 1985.	Participant
		(ii) Indian Road Congress Jubilee Celebrations, Lucknow. Feb. 2nd-7th, 1985.	Participant
3.	Geethanath H. Y.	16 weeks course on " Remote Sensing and Applications " CSRE, IIT, Bombay August 22nd, December, 25th 1984.	Participant
4.	Shete D. T.	Workshop on " Management of Education " P.S.G. College of Technology, Coimbatore, May 13th-26th, 1984.	Participant
	Chemical Engineering Department		
1.	Puranik S. A.	A Seminar on Hazards in Chemical Industry on 2nd, March, 1985 arranged by II ChE Baroda Regional Centre, at IPCL.	Worked as Secretary, Organising Committee of the Seminar.
2.	Ethirajulu K.	—do—	Worked as Convener, Technical Programme Committee of the Seminar.
3.	Dabke S. P.	—do—	Treasurer of the Organising Committee the Seminar.
4.	Gade V. N. and Oza K. T.	—do—	Members of the Organising Committee.
	Electrical Engineering Department		
1.	Parekh R. S.	Short Term Course on Micro-Processor Technology Applications, IIT Delhi April 16, to May 5, 1984.	Participant
2.	Kelkar R. B.	Modern Trends in Power System Operation and Control College, of Engineering. Pune Winter School, (ISTE) sponsored from 10th-22nd December, 1984.	Participant
3.	Nehte P. P.	—do—	Participant
4.	Joshi S. K.	—do—	Participant
	Metallurgy Engineering Department		
1.	Shah N. M.	Course on Finite Element Methods, App. Mech. Deptt. Faculty of Tech. and Engg., Baroda July, 1984.	Course Participant
2.	Patel M. N.	—do—	—do—

Sr.No.	Name of the Teacher	Programme, Place and Date	Capacity in which participated
	Textile Engineering Department		
1.	Kapadia V. H. and Benglore V. A.	"Research Activities at BTRA" a talk by Betrabet (Director BTRA) 18th July 1984.	Participant
2.	Kapadia V. H., Shah N. N.. Vernekar S. T., Patel P. C., Patel Uma, Bhawalkar D. M., Bhattacharya S. and alongwith Post-graduate Students	Visit to "Shri Dinesh Mills" and a Talk with their technical Staff 16th October 1984 Baroda.	Participants.
3.	Mistry R. J.	I.T.M.E. 1984 (Bom.), 1st December to 3rd December, 1984.	Participant.
4.	De Dipak Kumar	(i) 13th August to 18th August, 1984 Attended a Seminar on Management of Higher Technical Educational Institution held at New Delhi, conducted by N.I.E.P.A. and I.S.T.E.	Participant.
		(ii) U.G.C. sponsored Seminar organised by Saurashtra University, 9-10 February, 1985.	Participant.
5.	Sanghadia J. B.	ITME 1984 1st December to 6th December, 1984, Bombay.	Participant.
6.	Bangalore V. A., Patel P. C., Sanghadia J. B., Patel Uma, Bhawalkar D. M. and Morenne M. V.	Summer School on "Man-Made Fibre Technology" 14th June, 1984 to 27th June, 1984, Surat.	Participant.

	Textile Chemistry Department		
1.	Gupta R. P. and Jaiswal R. N.	"Man-Made Fiber Technology" Summer School of 4 weeks duration sponsored by ISTE in Surat in the month of May, 1984.	Participant.
	Applied Chemistry Department		
1.	Chhangawala M. T. and Shah M. K.	QIP Programme of short term course on corrosion of Metals and Alloys, 17th-29th December, 1984.	Participant.
	Mechanical Engineering Department		
1.	Bhatt G. D.	Greep, Fatique and failure analysis P.S.G. Tech. Coimbatore, 13th-28th May, 1984.	Participant.
2.	Rajput H. G.	CAD and CAM, P.S.G. Tech. Coimbatore, 13th-28th May, 1984.	Participant.
3.	Mistry K. K.	—do—	Participant.
4.	Panchal V. M.	Advances in Mfg. Science R.E.C. Calicut, 15th-30th May, 1984.	Participant.
5.	Kaluskar S. B.	—do—	Participant.
6.	Kaluskar S. B.	Hydraulics and Pneumatic analysis as applied to Machine tools I.I.T. Madras, 17th June, 1984 to 1st July, 1984.	Participant.
7.	Desai M. B.	Conversation and Optimum Utilisation of Energy for Industry College of Engineering, PUNE, 10th December to 22nd December, 1984.	Participant.
	Applied Physics Department		
1.	Majmudar Neeta	Madras, I.I.T., August, 1984.	Workshop on 'Fibre Optics'.
2.	Prasad L. H. H.	I.I.Sc. Bangalore, June, 1984.	Participant—Short Term Course on Micro-Processors.

Sr.No.	*Name of the Teacher*	*Programme, Place and Date*	*Capacity in which participated*

7. Exhibitions, Performances, Demonstrations etc. at State, National or International Levels

Architecture Department

Work of one teacher, Professor A. M. Shirgaonkar was exhibited at Indore in 1984.

8. National and International Award and Distinctions

Name of the Teacher	*Description of the Award*
Applied Mechanics Engineering Department	
Patodi S. C.	Gold Medal for the Research Paper Published in the Journal of Institution of Engineers (I), Calcutta.
Architecture Engineering Department	
Pramar V. S., Matai Vijay and Patel Haresh	Architectural Design Competition Energy—Conscious House. Gujarat Energy Development Authority—2nd Prize Rs. 3,000/-.

Students

Students sent as delegates to National Architecture Students Association convention held at Kharagpur won the following Prizes :

Reuben's tropy for Best Term Work of 1983-84 individual design prizes and for photography.

9. Visitors

Name	*Designation*	*Date/s Duration of Visit*
Applied Mechanics Department		
1. Desai C. S.	Professor and Director, Engineering Mechanics, Geomechanical and Structural Mechanics Programme, University of Arizona, Tucson, USA.	Visited department as a UNDP Project consultant between the July to 4th August, 1984.
2. Shah S. P.	Professor of Civil Engg. Department, North Western University, USA	Visited Department as a UNDP Project consult between 10th Dec. to 17th 1984.
Civil Engineering Department		
1. Gandhi S. K.	Managing Director, Rinki Industrial Oils Ltd. Baroda.	27th August 1984 Talk on Petroleum based speciality oils.
Textile Engineering Department		
1. Garde A. R.	Deputy Director, ATIRA, Ahmedabad	2nd January, 1985
2. Lilani H.	Manager, Research and Product Development Amatex Corporation, USA	29th January, 1985.
3. Jasani Kanti		7th December, 1984.
4. Vinznekar	Professor-Head Text. Tech. V.J.T.I. Bombay	2nd January, 1985.
Architecture Department		
1. Mehta Ashwin	Deputy Mayor, Baroda	Delivered a talk on Design of a Municipal Corporation Office, August, 1984.
1. Beknev V.	Professor of Mechanics Engineering, Bauman Technical Institute, MOSCOW-U.S.S.R.	Visited the department under U.N.D.P. Programme in the field of Turbojet Propulsion. From 31st October, 1984, to 7th February, 1985.
2. Singh Riti	Professor of Mechanical Engineering, Cranfield Institute of Technology, U.K.	From 20th February, 1985 to 15th, March 1985.

10. Any Activity in the Department involving innovation in Teaching/Research

Applied Mechanics Department

(1) Department has installed and sent new MTS Material Testing system in Fracture Mechanics Laboratory.

(2) Dr. S. P. Shah, UNDP Expert, suggested a research programme on "The Fracture behaviour of fibres reinforced concrete beam". This is in progress.

Mechanical Engineering Department

(a) In the field of Turboject Propulsion, Group discussions were held with Prof. V. Beknev for explorsing the possibilities for Research work, utilising new equipments (U.N.D.P. programme) for research and development.

(b) For a new course in Turbojet Propulsion, the scheme of teaching and examination, detailed syllabi, etc. were finalised in consultation with Prof. Beknev.

(c) The department conducted a one week advanced course in "Gas Turbine applications, combustion and fuels, with the help of Prof. Riti Singh, the U.N.D.P. expert. Ten senior staff members from the department and six staff members from other universities in Gujarat attended the above course.

(d) A new laboratory in the field of Turbojet Propulsion, which is supposed to function as a regional centre for advanced research work, is established.

11. Any Programme of the Department for the benefit of the Community

Applied Mechanics Department

Department has conducted short course on Finite Element Methods with Engineering Applications between 30th July to 4th August, 1984. Thirty professional engineers from industries and Government organisations attended this course alongwith teachers from various engineering colleges. The courses was taught by a number of Faculty members of the University and Prof. C. S. Desai and Prof. D. N. Contractor of University of Arizons, U.S.A.

Electrical Engineering Department

A 3 weeks Project on Computer Literacy and Studies under Schools (Class) Teachers Training Programme sponsored by NCERT, was conducted by Electrical Engineering Department from 18th June 7th July, 1984.

Textiles Chemistry Department

(a) At the 41st All India Textile Conference held at Indore about 50 students alongwith the six staff members participated in the conference.

(b) Our three staff members are active in the Professional Organisation and through that several lecture meetings were held in the department.

(c) A three day factory visit for Diploma and Degree Students was conducted at Ahmedabad, Nadiad etc.

TPA-1—Training and Placement Activities: 1984-85

Training and Placement Activities and guidance in these and related areas were being gradually enhanced during the year under report. It may, however, be noted that training programme schedules and related activities were adversely affected by uncertainity in the semester and examination schedules during the year under report.

(1) *Practical Training* :

A considerable section of pre-final and other students were encouraged and assisted in obtaining practical training at various industrial establishments in and around Baroda as well as elsewhere in the country. 222 students were deputed for practical training during summer vacation for a period of approximately four or more weeks. 17 chemical industries, 17 Pharmaceutical industries and research/testing laboratories, 13 mechanical engineering industries, 16 electrical engineering industries, 22 electronics industries, 15 metallurgical engineering based industries, 16 textile industries and textile chemistry and allied engineering based industries, 16 textile industries and textile chemistry and allied-organisations offerred training facilities from a total of 613 industries contacted for the purpose.

In addition, on request, recommendation letters for practical training were issued to considerable number of students (204), wishing to arrange training on their own.

(2) *Employment Opportunities* :

(a) Campus Interviews : Representatives of some fifteen well established companies visited the campus for conducting campus interviews/tests of final year students interested in employment.

It may be noted that once again quite a few companies planned to visit us but the visits had to be cancelled owing to uncertain schedules.

TPA-2—(1984-85)

In all 10 + 4* companies visited the faculty and conducted interviews of 224 students, spread over 14 + 6 days. On the other hand some companies could not visit us due to uncertainity of schedules, and some companies interviewed students at their premises. Students interviewed were selected from a much larger section of students who appeared for the tests/furnished bio-data. List of companies and details are shown in enclosure No. 1.

(b) A large number of companies, organizations/laboratories and educational institutions gave publicity to their requirements, requested for bio-data of interested students, and communicated for information through the facilities made available under ' Training and Placement ' activities.

(c) Indian Navy carried out their preliminary selection of Engineers for entry into Indian Navy under their University entry scheme. Out of eligible students who filled up forms, considerable section was selected for services Selection Board Interviews. The Naval Officers took the opportunity to talk to the students on ' The Role of Engineer in Navy '.

(3) *Co-operative Courses :*

The four year programme gradually replaced the five year integrated course and hence resumption of this programme will depend on the overall Government policy, possibility of encompassing total/large section of student population, clear cut directives regarding financial and other responsibilities, availability of staff and industrial facilities on a continuous basis and readjustment of syllabi-structure, without sacrificing academic contents.

TPA-3—(1984-85)

(4) *Quality Improvement Programme :*

Short term (Summer) Quality Improvement Programme, Western Region, Government of India, Bombay: It was proposed and planned to depute one staff member, from Applied Mathematics Department, under the scheme for 3 months training at Indian Statistical Institute, Calcutta and its local constituent. The Staff Member fully utilized the opportunity of such practical training.

(5) *Guidance :*

Students availed of this facility by discussing their employment/training and related problems and sought guidance in the matter. Awareness of requirements of the world of work, experience during academic training and acquisition of communication skills are being inculcated in the students. Their response has been encouraging.

Remarks :

During the year under report (1984-85) activities were affected due to prevailing uncertain conditions, considerably changing schedules of examinations and other activities. It may be appreciated that despite limitations of other facilities, a well organized fixed time schedule of exminations and student activities will permit planning of training and placement activities with reduced constraints. It would benefit students, avoid wastage of efforts and create a still better image of this institution.

While Professor-in-Charge of ' Training and Placement ' was on leave of absence.

12. Any Activity of Academic/Social Significance organised in or by the Department or Faculty not included under previous items

Chemical Engineering Department

The staff of the Department of Chemical Engineering actively co-operated in organising a half day seminar by the Indian Institute of Chemical Engineers (Baroda Regional Centre) as per details mentioned below :

" Process and equipment design: Case Studies " at R and D auditorium, IPCL (Petrochemicals) Baroda on 21st September, 1984.

Textile Engineering Department

(a) The department has been awarded Institutional Network scheme to develop Man-Made Fibre Laboratory and for Faculty exchange with I.I.T., Delhi. Dr. R. J. Mistry and Shri V. A. Bangalore visited I.I.T. under the scheme.

(b) The department has also received a grant of Rs. 10/- lakhs for the purpose of modernization of its laboratories from Ministry of India.

(c) The department devoted separate notice board called as ' Textviews ' for the desplay of articles, papers, catalogues, etc. depicting innovative ideas in the field of engineering and technology.

Textile Chemistry Department

(a) Final Year B.Sc. (Tech.) students took part in seminar of 16 different topics on Textile wet processing conducted by themselves.

(b) Most of the staff members are life members of the All India Professional Organisation. Two staff members are N.C.C. officers and ex-officio sports officers of the Faculty.

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CHAPTER XIII

FACULTY OF FINE ARTS

CHAPTER XIII

1. Published Articles/Papers :

	Names	*Title*	*Name of the Journal, wherein published with date of Publication*
	Painting Department :		
1.	Sheikh G. M.	'Pahela Ane Hamana' (Gujarati)	"Sanskriti" April-June, 1984 and subsequently in "Sarjakani Antarkatha" (Edited by Umashankar Joshi), Ahmedabad.
	Art History Department :		
1.	Parimoo Ratan	"Picture Puzzles Jagannath paints Bihar's verses"	The India Magazine June 1984.
2.	Kannal Deepak	(i) "Art Scene in Gujarat".	Times of India 17th Annual Issue 6th February, 1985.
		(ii) Mithila Shaili (Marathi)	Samachar Diwali Issue. Oct. 1984.
3.	Parimoo (Gauri as Co-author)	(i) "Innovations in the Dance & Dramas of Prof. Chandrasekhar"	Indian and World Arts and Crafts (New Delhi) Vol. IV. No. 1-2 Jan.-Feb. 1985.
		(ii) "Chitra Chandrasekhar"	"
		(iii) Introduction to the Prints & Drawings of Madhu.	Vol. IV. No. 2, March-1985, October 1984.

2 Talks of academic nature given at different Universities/Professional Institutions :

Name of the Teacher	*University/Institution*	*Title of the Lecture*
Dave P. H.	Child Development Department, Faculty of Home Science, M. S. Uni. of Baroda, Dec. 5th 1984 to Feb , 1985.	Art experiences and Puppetry.

3. Participation in Professional Programme, Workshop, Summer School etc.

Name of the Teacher	*Programme, Place & Date*	*Capacity in which participated*
Art History Department :		
1. Parimoo Ratan	(i) The IInd Savas International (England) Conference, Lucknow 15th & 20th Sept. 1984	(i) Paper "Weapons of Gods as Embodiment of their power". Read.
	(ii) International Seminar on the Budhist Stupa in India & South East Asia, Varanasi, 20 & 25th March, 1985.	Paper "Structural Analysis of the Jatak stories depicted in the Reliefs of the Buddhist Stupas".
2. Dave P. H.	A Seminar for the Art teacher of the Gujarat State, College of Fine Arts, Vallabh Vidyanagar, 25th Febr, 1985	To talk on New Trends in Art Education.
Painting Department :		
Sheikh G. M.	(i) Made presentation of own work at the East West Encounter, National Centre for Performing Arts, Bombay. 8th to 14th February, 1985.	Participant
	(ii) Seminar by the British Council on occasion of the British Exhibition "The proper Study" New Delhi. 3-4th Decemper, 1984.	Participant

Name of the Teacher	*Programme, Place and Date*	*Capacity in which participated*
Applied Arts Department :		
Patel Jeram	(i) All India Artist Camp at Calcutta organised by Max Muller Bhavan, January, 1985.	Participant
	(ii) Made Presentation of Own work in East West Encounter, National Centre for Performing Art, Bombay, 8-14th February, 1985.	Participant.

4. Exhibitions, Performances, Demonstrations etc., at State, National or International levels :

Painting Department :

1. Sheikh G. M.	(i) Invited to participate in the Annivesary show, Roopankar Museum of Fine Art, Bhopal, February, 1985.	
	(ii) Participated in an International Exhibition of Artists from Europe, America & Asia organised by Max Muller Bhavan, during East-West Encounter at Jahangir Art Gallery, Bombay 8-14th February, 1985.	
2. Pandya Ramesh	(i) Participated in the Annual Exhibition of the Camera Pictorialists of Baroda.	
	(ii) One-man-show of Photographs held at Hakim's Gallery Baroda and the Camera Pictorialist of Baroda.	
	(iii) Participated in the Annual Exhibition of Gujarat State Lalit Kala Akademi.	
3. Shah V. C.	(i) One-man-show of painting organised by the British Council, Bombay from 5-9th November 1984.	
	(ii) One-man-show of Painting in Bombay at the Taj Art Gallery from 9-15 October, 1984.	

Name of the Teacher	*Programme, Place and Date*	*Capacity in which participated*
Sculpture Department :		
1. Pandya M. D.	Exhibition of Drawing in Bombay in the Group show at Jehangir Art Gallery, Bombay.	
2. Kaneria R. R.	(i) Exhibited in Travelling Exhibition by UNESCO in Republic of Korea, Japan, China, Burma Viet-Nam, Phillipines, Malayasia, Indonesia, Thailand, Shrilanka, Bangladesh, Afghanistan, India and Maldives.	
	(ii) Participated in the National Art Exhibition as an "Invited Artist" by Central Lalit Kala Akademi, New Delhi.	
Applied Arts Department ;		
1. Patel Jeram	(i) Invited to participate in the Anniversary show, Roopankar Museum of Fine Arts, Bhopal. Feb. 1985.	
	(ii) Invited to participate in the All India Graphic Exhibition organized by the Lalit Kala Akademi, New Delhi.	
	(iii) Invited to participate in the All India Exhibition organised by the Birla Academy of Fine Arts, Calcutta.	
	(iv) Invited to participate in the All India Graphic Exhibition organised by the Chandigarh, Museum, Chandigarh.	
	(v) Invited to Exhibit the Graphic Prints by the Max Muller Bhavan, Calcutta in Feb. 1985.	
	(vi) Invited to participate in graphic print Exhibition compiled by Prof. Lingran for festival of India, in U.S.A.	
2. Deshpande M. S.	Participated in Baroda Pictorial Photo Contest 1985.	
Graphic Arts Department :		
1. Patel V. S.	Participated in Group show in Bombay Jehangir Art Gallery, November 1984.	

5. National and International Awards and Distinction

Sr. No	*Name of the Recipient Teacher/Non-Teacher/ Student*	*Description of the Award*
Painting Department :		
	Shah V. C.	National Book Trust Award for Illustration of Children's Books, 1984.
Sculpture Department :		
	Kaneria R. R.	Awarded Sun Pack Prize at the Ninth Photo contest in Asia and the Pasific by UNESCO, Tokyo Japan.
Applied Arts Department :		
1.	Patel Jeram	Participated in An International Exhibition of Artist from Europe, America and Asia organised by Max Muller Bhavan, Bombay, during East-West Encounter, at Jehangir Art Gallery, Bombay, 8-14th Feb., 1985.
Graphic Arts Department :		
1.	Khatri G. H.	Awarded Prize in Baroda Pectorialist Photographic Exhibition.

6. Visitors :

Name	*Designation*	*Date/ Duration of Visit*
1. Prof. Alfrado Andres Hernindez Castano	Professor of Plastic Arts (Cuba)	2nd May 1984 to 4th May 1984 under Cultural Exchange Programme.
2. Mr. Andreas N. Chrysochos Inspector of Secondary Education, Ministry of Education, Govt. of Cyprus.	Inspector of Secondary Education, Ministry of Education, Government of Cyprus.	Under the Commonwealth co-operation plan 13th October 1984 to 15th October, 1984.
3. Michael Anderson	Artist (U. K.)	Talks and Slideshow on his work, 28th Sept. 1984.

Name	*Designation*	*Date/Duration of Visit*
4. Feaver William	Art Critic Observor (London)	Post-war Art in Britain: A Critical view : 29th Nov. 1984.
5. Anthony Green	Eminent Artist (U. K.)	(1) Narrative Art Now ! Is National Art better than International ? 7th Nov. 1984. (2) Art at the Service of Humanity. 8th November, 1984.
6. Mitter Partha	Art Historian (U. K.)	(1) Heirarchy of Preferences : Reception of Exotic Art in the West, 12th Nov. 1984. (2) Art and Nationalism in India, 13th Nov. 1984.
7. Sieqfried Neuenhansen		(1) Academy of Art Braunschweig (West Germany) (2) Project of Collective Sculpture with old people. (3) Project of working with inmates of Jail on creative Sculpture
8. Eleanor Gadon Boston, U.S.	Art Historian	Balagopal Stuti Paintings from Gujarat. August 1984.
9. Kalidas Raju, Tamil University, Tanjawar (T. N)	Reader in Sculpture	Temple Rathies, their Structure, Iconography and Symbolism, Feb. 1985.

7. Any activity in the Faculty involving Innovation in teaching/research :

1. The Departmental Committee of Staff and Students had decided that

(a) The staff and students of Art History visited L.D. Museum N. C. Mehta collection Calico Museum of Textiles, Ahmedabad, 14th October, 1984.

(b) The staff and students of Art History visited the Sardar Patel University Museum, Anand on 9th February, 1985.

(c) Saturday Lecture Series–Dr. Joshi, Head, Department of Philosophy, Two Sessions (Introduction to Phenomenology, Ist Term. Ms. Bela Raval, (Freelance Artist) 3 Sessions (History of Cinema) Ist Term. Miss Rekha Rodwittiya (Artist) one Session " On my paintings ". Prof. Mahulkar D. D. Head, Department of Linguistic " Indian Literature ".

Dr. G. Devji (Reader, Department of English) Two Sessions .
" English Writing in India "

Dr. Shyam Menon–Psychology of Indian Childhood.

(d) Monday special slide shows (Slider gifted by ACSAA US Foundation comprising Indian Sculpture & Painting).

2. A Study Tour was undertaken by the students of the Under-Graduates and Post-Graduates classes to Delhi to visit Natioual Gallery of Modern Art, Exhibition of European Paintings from the Dresden-Museum Exhibitions of Contemporary British Figurative Paintings ' Lalit Kala Gallerses

3. Department of Painting :

Pandya Ramesh

(i) Conducted the Faculty study tour to Ajanta Ellora, Aurangabad and Daulatabad as in charge and prepared an article on the places of visit for the participants.

(ii) Programme Officer.
Creative Activity project, National Service Scheme, (NSS) M. S. University of Baroda.

4. Department of Painting :

(i) Four Workshops for Craftsmen and Artists were held from September onwards through a grant from the Development Commissioner of Handicrafts, Ministry of Commerce, Government of India, from September 1984 onwards in the Department. The month-long workshops included painting from Mithila and Gujarat, Kalamkari from the Shri Kalahasti (Andhra Pradesh) Ahmedabad and Jambusar, Pottery, Ceramic, Terracotta and Wall relief from Molela (Rajasthan) and Kachchha, and Pata painitng from Rajasthan and West Bengal. Exhibitions of works producted were organised at the end of each workshop. The workshop and exhibitions received enthusiastic response from students and staff as well as discerning public of Baroda.

(ii) A concerted drive for visual documentation has added to the collection of slides and b×w photographs as visual aids and research

material Documentation of Orchha murals in Madhya Pradesh, Ceramic and reliefs of Kacchha Pata painting of West Bengal and Rajasthan was made by the students and the staff.

5. **The following students participated in the workshop for craftsmen and Artists organised by the Depa tment of Painting :**

(A) (i) Ms. Kirtana Thangavelu (Final Yr. Art History)
(ii) Ms. Seema Mohanto M.A. (Fine) Art History
(iii) Ms. Parul Dave, M.A. (Fine) art History

(B) (i) Miss Gauri Parimoo, Final Year B.A. (Fine) Art History had her article " Natyanjali Festival of Chidambaram—published in Indian world Arts & Crafts.

6. **The following students have won prize at the Gujarat**

(i) State Lalit Kala Akademi's Annual Art Exhibition—Ahmedabad.
1. Shri Kirit M. Patel—M.A. (Fine)
2. Shri Birendra Boro—M.A. (Fine)

(ii) Some of the students of the Deptt. have taken part in the following National level as well as State level art exhibitions including National Art Exhibition by AIFACS, Bombay Art Society, Gujarat State Lalit Kala Akademi, U.P. State, Lalit Kala Akademi.

(iii) Patel Paulomi Kishorbhai IIIrd Yr. Painting — Award in Student's Catagory, Gujarat State Lalit Kala Akademi for Wood Cut Rs. 500/-.

Department of Graphic Arts :

Student Achievements for the year 1984-85

(iv) The following students of the Department of Graphic Arts have won prizes and awards and participated in a number of exhibitions here and abroad.

Name of the Student	*Participated*	*Award*
1 Mairal Jayant B.	1. AIFACS—New Delhi National-85 2. Maharashtra State (Bombay Art Society) Received Urja Trust Scholarship—1984-85.	
2. Jayanti Rabadia	1. AIFACS-85 2. National 3. Bombay Art Society 4. Manipur-U.P. Received Urja Trust Scholarship—1984-85.	Gold Medal

Name of the Student	*Participated*	*Award*
3. Nair Surendram	Bombay Art Society	
4. Gananat S.	1. Bombay Art Society 2. AIFACS—New Delhi 3. Manipur Received Karnataka Lalit Kala Akademi Scholarship	
5. Ajit Duley	1. National Exhibition 2. AIFACS 3. U.P. (Luckow) 4. Manipur	
6. Pandurang Deogare	Award Bombay Art Society	
7. Ginoya Keshav	Award Bombay Art Society	
8. Jogi Jitendra Makani	1. AIFACS. 2. National 3. Award Gujarat S. Annual 4. Award Bombay Art Society 5. Contemporary Print-making California–U.S.A. Awarded Elizabeth Green Shield-Grant from Canada–1984 for One-Man-Show of Prints and Drawings, Goa–1st March to 21st March, 85 Bombay. Jehangir – April 1985.	
9. Bagodi Nijalingappa G.	1. AIFACS. 2. Bombay Art Society 3. National–New Delhi 4. Gujarat State Received Karnataka Lalit Kala Akademi Scholarship.	
10. Shah Kavita V.	1. AIFACS. 2. Bombay Art Society	

8. **Any Programme of the Faculty for the benefit of the Community :**

Art History Department :

Dave P. H. — (1) On 10th December, 1984 worked on Jury of Judges to select an award, prizes to the Painting and Crafts works at the 17th village Youth Festival organized by the Youth Services and Cultural Activities, Government of Gujarat.

(2) On 1st January, 1985 worked on the Judging Group to award, prize to the best Poster. The Poster Competititon was organized by the Baroda Meseum.

Painting Department :

Pandya Ramesh

(1) Worked as an Adjudicator for Art, Drama and Mono acting at the Gram Vibhag Youth Festival of Gujarat State at Kwant, and for the Child Art Competition held at Baroda Metropolitan Jaycees and by Soclean, Baroda.

(2) Conducted a summer course "Painting for Beginners," under the Continuing/Adult Education Programme, M.S.U. of Baroda,

(3) Executive Committee Camera Pictorialist of Baroda,

(4) Member, Advisory Committee, Friends Society, Baroda,

(5) Member, Advisory Committee, Bhulka Bhavan, Baroda.

(6) Member, Balbhavan Society, Baroda,

(7) Ad hoc Committee, Lalit Kala Akademi, Gajarat State.

Applied Arts Department :

Deshpande M. S.

(1) Worked as an Adjudicator at Godhra for District, Yuvak Mahotsav.

9. Any activity of academic/social significance organized in or by the Faculty not included under previous items :

Art History Department

Shri Ratan Parimoo, Shri Deepak Kannal, Shri Shivaji Panikkar and Shri K. C. Chittrabhanu went on a photographic Documentation tour of Ajanta, Ellora Badami, Aihole, Pattadakal May, 1984 for about 4 weeks on a U.G.C. Documentation Grant.

Shri Deepak Kannal, Shri Panikkar Shivaji and Shri K. C. Chitrabhanu were deputed by the University to attend the IInd Sevas Conference and Seminar at Lucknow.

Painting Department

Shaikh G. M.

(1) Renominated member, Governing Council and Standing Committee, National Institute of Design by Government of India.

(2) Appointed member, Philatic Advisory Committee, Govt. of India.

(3) Served as an expert member, Japanese and Commonwealth Scholarship for Government of India

(4) Member, Committee of Honour on the occasion of the British Exhibition. "The proper study" by the British Council.

(5) Served on Selection Committees for the post of of Professor and Reader, Jamia Millia. University—New Delhi. 12th December, 1984 and 26th March, 1985

(6) Member, U.G.C. Committees to review eligibility conditions laid down by the U.G.C. for Assistants to Colleges of Music and Fine Art, 1984.

Pandya Ramesh

(1) Invited to inaugurate the exhibition of French Master Artists Prints organised by the Gujarat Lalit Kala Akademi at the University Experimental School, M. S. University, Baroda.

(2) Invited by the Bombay Doordarshan for preparing Special Graphics for a Comedy play and to participate in it

Mistry Gyarsilal

(1) Exhibited his paintings in Gujarat Lalit Kala Akademi in February, 1985.

Applied Arts Department :

Patel Jeram

(1) Invited as an expert to participate in the NCERT Workshop-cum-Group meeting on Developing Teacher Training Programme in Art Education at Udaipur.

(2) Renominated member, Board of Studies, Faculty of Visual Arts, Banaras Hindu University, 1985.

(3) Visited U.S.A. & Mexico 1984 to visit various Museums & Art Institutions, and to meet personally some working Artist.

(4) Invited to inaugurate the teachers' Training Workshop at Vallabh Vidya Nagar organised by Gujarat State Lalit Kala Akademi, 1984-85.

(5) Served as an expert member Rajasthan Public Service Commission at Ajmer.

(6) Served as an expert member Uttar Pradesh Public Service Commission at Allahabad.

(7) Served on the Selection Committee for the post of Professor and Lecturers at Banaras Hindu University, Varanasi, Faculty of Visual Arts, 1984.

(8) Nominated as an expert member in Advisory Committee, Kanoria Centre for Arts, Ahmedabad.

Sant N. K.

(1) Appointed member of Syllabus Committee for Re-visiting Courses, Govt. Polytechnic for Girls, Surat. (Government of Gujarat).

(2) Executed a complete project of 40 posters for Nutritional Health Education Research Project undertaken by Foods and Nutrition Department, Faculty of Home Science, sponsored by W.H.O- (World Health Organization).

Sculpture Department :

Bhatt G. C.

(1) Paper Setter for Sculpture, Gujarat State Examination Board.

(2) Appointed as examiner at Sculpture Department, Fine Arts College, Jaipur, Rajasthan.

Panchal R. R.

Appointed as examiner at Sculpture Department, Fine Arts College, Jaipur, Rajasthan.

Kaneria R. R.

Appointed as an expert member of the Selection Committee for the appointment of Professor and Reader in Sculpture at Banaras Hindu University, Varanasi.

Faculty Office :

Savant M. M.

(1) Appointed as Honorary Secretary of Baroda District, Women's Hockey Association.

(2) Deputed for State Association as a member from District, Gujarat State Women's Hockey Association.

(3) Appointed as Expert for Selection from the Sport Council, Baroda.

CHAPTER XIV

FACULTY OF HOME SCIENCE

CHAPTER XIV

1. Courses of Studies

During the year the following new courses have been introduced in the Extension Education:

EE-251—Productive Arts and Crafts.

2. Published Articles/Papers

Sr.No.	*Name/s*	*Title*	*Name of the Journal wherein published with date of Publication*
	Child Development Department		
1.	Saraswathi T. S. and Gupta Radhika	Educate a woman and you educate a family.	Perspectives in Education, Vol. 1, No. 1, pp. 49-54, January, 1985.
2.	Saraswathi T. S. and Patel Jena B.	The 'Bais' of Baroda.	Social Welfare, Vol. 31, No. 6, pp: 8-11 and 30-32, June, 1984.
3.	Pathak Yogini	Minimum needs of the Urban Poor.	Social Welfare, Vol. 31, No. 11, February, 1985.
4.	Pathak Yogini and Gogoi Mala	Community guidance service—A Program for Workers.	Indian Journal of Community Guidance Services, Vol. 2, No. 1, January, 1985
5.	Parikh Jyoti and Shukla Smita	Creative activities for Pre-school children (in Gujarati).	Jeevan Shikshan (SIE), Vol. 123, No. 2, pp. 14-16, December 1984.
6.	Mohite Prerna	Educating the Poor Children in Cities.	Journal of Social Welfare, January, 1985.

Sr. No.	Name/s	Title	Name of the Journal wherein published with date of Publication
	Clothing and Textile Department		
1.	Singh J. A. and Mathur P.	Costumes of Rulers (with Indian patterns) of Mewar, and Construction Techniques.	Textile Journal, December, 1984, 143.
2.	Chaulkar B. N. and Phadke S. M.	A study of the effect of thermoplastic and thermo-setting finishes on physical properties of cotton, polyester and blend fabrics.	Indian Textile Journal, December, 1984, 141.
3.	Chaulkar B. N. and Majmudar G. V.	Studies in printed textile designs and development of experimental techniques for printing.	Indian Textile Journal, December, 1948 141.
4.	Thomas A. and Kawlra V.	A study of the Scope and use of Embroidary export garments.	Indian Textile Journal, Sept., 1984, 135
5.	Thomas A. and Sanghavi S.	A study of Sanganeri printing.	Indian Textile Journal, Sept., 1984, 135.
6.	Chaulkar B. N. and Singh R.	A comparative study of thermal insulation characteristics of U-Foam, felt and Flannel.	Indian Textile Journal, Sept., 1984, 136.
7.	Chaulkar B. N. and D'Souza N.	The effect of some antistatice finishes on soiling and soil release Characteristics.	Indian Textile Journal, Sept., 1984, 136.
8.	Chaulkar B. N. and Das P.	Impact of Clothing and Textile Advertisements on the Female Students.	Indian Textile Journal, January, 1985, 141.
9.	Chaulkar B. N. and Soni N.	A study of changing trends in the advertisements of Clothing and Textiles during 1963-73 in India.	Indian Textile Journal, January, 1985, 141.
10.	Chaulkar B. N. and Thakur N.	A comparison of some of the characteristics of advertisements of Women's wear and Men's wear.	Indian Textile Journal, January, 1985, 142.
	Education and Extension Department		
1.	Shah Anupama with Co-author	Effectiveness of puppetry as a method of educating rural Adult Women.	Indian Journal of Adult Women Vol. 45, No. 7 pp. 32-35, Sept., 1984.
2.	Paralikar Kalpana	Need identification for teacher's training in Home Science in Gujarat State.	P. G. Council research report 1984-85.
	Foods and Nutrition Department		
1.	Seshadri Subadra and Malhotra Swati	The effect of Hematinics on the physical work capacity in Anemic Children.	Indian Pediatrics Vol. 21, p. 529-533, July, 1984
2.	Seshadra Subadra, Hirode Kalpana, Naik Pallavi, Shah Alka and Gupta Neeta	An effective Intervention to reduce the prevalence of Anemia in children	Indian Journal of Medical Research Vol. 80, pp. 164-173, August, 1984.
3.	Shah Alka and Seshadri Subadra	Bioavailability of Iron from Diets of poor pre-school children in India.	Proceedings of the Nutrition Society India, Vol. 30, 1984.
4.	Mittal Neeru and Gopaldas Tara	Habit Survey of a Culturally Acceptable food in Gujarat.	Ecology of Food and Nutrition Vol. 16, No. 3, 1985.
	Home Management Department		
1.	Dr. (Mrs.) Srinivasan Ramala and Dwivedi Seema	A study of child labour in Baroda city.	MSU Journal Vol. XXXIII No. 2, Social Science 1984-85 issue.
2.	Dr. (Mrs.) George Rachel and Mehta Toral	Credit use pattern of rural households	Kurukshetra 32 (10) July, 1984.
3.	George Rachel	Energy Management and the Family	Management Review Sept., 1984.
4.	Gandotra Veena	Management practices of Retired people.	MSU Journal Social Science issue 1984-85.
5.	Nadvi Salma and Makhijani M.	Opinions of adolescents towards Independent Decision Making.	MSU Journal Vol. 30 No. 3 1984.
6.	Nadvi Salma	Kitchen for Disabled.	Inside/Outside Feb./March, 1985.

2. Published Books and Monographs :

Sr. No.	*Name of the Author/s*	*Title of the Book/s*	*Name of the Publisher and year of Publication*
	Education and Extension Department		
1.	Shah Anupama and Joshi Uma	Handbook for urban non-formal education instructor	M. S. University Press, 1985.
2.	Paralikar Kalpana	Concerns of Home Science in Gujarat State, HSAI Gujarat Branch (Mono-graph)	HSAI Gujarat Branch 1984-85.
3.	Paralikar Kalpana and Thomas Anita	Field Experience in Sonarjkui (Booklet)	Faculty of Home Science, M. S. Uni. 1984-85.
4.	Chandra A. Thomas A. and Nagwekar A.	Khanpur experiment in Extension Education	MSU Press 1984-85.
	Foods and Nutrition Department		
1.	Gopaldas Tara and Pant I.	Nutrient-Health Interventions for Underprivileged schoolers.	Deptt. of Foods and Nutrition, M. S. University, Baroda 1984 (Terminal Report of the Ford Foundation Funded project).
2.	Seshadri Subadra and Gopaldas Tara	A research report on " Nutrition and the Medical Profession ".	A M. S. University Technical Monograph, 1984.
3.	Gopaldas Tara	Orientation to ongoing National Nutrition Programme.	Terminal report of National UGC sponsored Workshop in the Deptt. of Foods and Nutrition in February, 1985.
4.	Gopaldas Tara	Nutrition Monitoring and Assessment.	Terminal report of National UNICEF sponsored Workshop in the Deptt. of Foods and Nutrition in November, 1984.

4. Papers presented at Professional level Seminars, Conferences etc.

Sr. No.	*Name of the Teacher*	*Theme, Organisor's name, Place and Dates of the Conference/Seminar*	*Title of the Paper*
	Child Development Department		
1.	Verma Amita	(i) Media utilization for the development of Women and Children; India, International Centre, New Delhi; 11th and 12th September, 1984.	Children's Needs and the role of the Media.
		(ii) International Federation of Home Economics and the Danish Federation of Planned parenthood, Denmark; 1984.	Integrated approach to Family Welfare.
		(iii) Women in Development, Indian University Association for continuing Education; 1st February, 1985.	Women's Development through Non-formal Education.
		(iv) Child Labour, Gandhi Labour Institute and Antar Bharati, Ahmedabad; 28th February, 1985,	Non-formal Education for children in the Labour force
2.	Verma Amita, Shastri Jigisha et al	Learning objectives and activities for the ICDS Anganwadis; UNICEF, Agra 13th to 16th December, 1984.	Physical Development activities for Anganwadis.
3.	Saraswathi T. S.	(i) Identification and development of the gifted children, National Institute of Public Co-operation and Child Development, New Delhi; 10th to 12th Oct., 1984.	Nurturance of talent in Home and community.
		(ii) Current Development in research in Home Science Bombay; 7th and 8th January, 1985.	Current researches in Child Development; A critical review.
4.	Mistry Veena	(i) Science for young children; Indian Association of Pre-school Education, II Nursery School, New Delhi; 11th to 13th February, 1985.	Of Wondering Dragon our wonderful world and we (teachers and children).

Sr. No.	Name of the Teacher	Theme, Organisor's Name, Place and Dates of Conference	Title of the Paper
		(ii) Learning objetcives and activities for the ICDS Anganwadis; UNICEF; Agra 13th to 16th December, 1984.	Developing Activities for Anganwadis.
5.	Parekh Kiran	Science for Young Children; Indian Association Pre-school Education, III Nursery School, New Delhi, 11th to 13th February, 1985.	Science experience for young children.
6.	Parikh Jyoti	(i) Curriculum for Auditory and speech Impaired Children; L K.. Institute for Deaf; Bhavnagar; 7th and 8th December, 1984.	Pre-school curriculum for auditory and speech impaired children.
		(ii) 7th World Congress of the International Association for the Scientific study of Mental Deficiency, 24th to 28th March, 1985.	Home based programme for Mentally Handicapped children.
7.	Dave Aruna	Science for young Children; Indian Association for pre-school Education; New Delhi; 11th to 13th February, 1985.	Science Experiences in the classroom.
	Clothing and Textile Department		
11	Chaulkar B. N.	National Seminar on Production and utilization of wool fibres—CSWRI, Avikanagar, via Jaipur, Rajasthan—20th-22nd Aug., 1984.	Recent Techniques of Garment Finishing.
	Education and Extension Department		
1.	Chandra A.	Tapping the resource of youth for National development at 71st Indian Science Congress at Lucknow, January 6th 1985.	Tapping the resource of youth for National development chaired a session.
2.	Paralikar Kalpana	(i) 71st Indian Science Congress at Lucknow in January, 1985.	Youth for Rural Development.
		(ii) U.G.C. sponsored regional workshop on research trends at SNDT Women's University, Bombay in January, 1985.	Thrust areas of Research in Home Science Extension and Education.
	Foods and Nutrition Department		
1.	Bhatia Divya and Seshadri Subadra	XVII Annual Meeting of the Nutrition Society of India, Hyderabad, 13th-14th December, 1984.	Anemia, Under-nutrition, and physical work capacity in young children.
2.	Seshadri Subadra	(i) National Workshop on "Nutritional Monitoring and Assessment" sponsored by UNICEF held at Baroda, 24-26 November, 1984.	The Grey areas of monitoring and Evaluation of Nutrition Health Education.
		(ii) UGC Sponsored Workshop on "Orientation to on-going National Nutrition Programmes" Baroda, 13-15 February, 1985.	The current status of National Nutritional Anemia Prophylaxis Programme.
3.	Seshadri Subadra and Gopaldas Tara	International Congress on Dietetics, Toronto, Canada, July, 1984.	Nutrition in the Medical Curriculum.
4.	Mani U. V.	(i) Annual Meeting of the Society of Biological Chemists, at V. P. Chest Institute, Delhi, 12-14th October, 1984.	Effect of Wheat bran supplementation on Tissue Lipids in Diabetic Rats.
		(ii) Annual Meeting of Association of Clinical Biochemists at St. John's Medical College, Bangalore, 22-24th February, 1985.	Serum Lipid Profile in Maturity Diabetes.
5.	Gopaldas Tara	(i) Naional Seminar on Media Utilization for the Development of Women and Children. (October, 1984.)	Women's Needs, Health and Nutrition.
		(ii) UGC Sponsored Workshop on Orientation to on-going National Nutrition Programmes" Baroda, 13-15 February, 1985.	The Mid-day Meal Programme.
		(iii) National Workshop on "Nutritional Monitoring and Assessment", M. S. University, Baroda, 24-26th November, 1984.	Process Evaluation—A new and Important Concept.

Sr. No.	*Name of the Teacher*	*Theme, Organiser's Name, Place and Dates of the Conference/Seminar*	*Title of the Paper*
6.	Kanani Shubhada	National Workshop on "Nutritional Monitoring and Assessment", M. S. University, Baroda, 24-26th November, 1984.	Indicaters for the monitoring and evaluation of nutritional status in the primary and middle school age group 6-15 years.
7.	Gujral Sunder	National Workshop on Orientation to on-going National Nutrition Programmes, 13-15 February, 1985.	Integrated child development services.
8.	Kanani Shubhada and Gopaldas Tara	XVII Annual Meeting of the Nutrition Society of India, Hyderabad, 13-14th December, 1984.	Efficiency, feasibility, Nutritional Impact and cost of selected Nutrient Health Inputs on Mid-Day-Meal. beneficiaries.

Home Management Department

1.	Ogale N.	(i) UGC Sponsored National Workshop at Delhi from June, 4-6, 1984 on theme "Thrust Areas in Home Science Research".	Presented a working paper on Thrust area for research in Home Management.
		(ii) Current Development and Research in Home Science held at SVT College of Home Science SNDT Women's University, Bombay, 7th to 9th January, 1985.	Historical perspective of research in Home Management and major Thrust areas.
2.	Srinivasan Kamala	(i) "Gender Justice" IInd National Conference on Women's Studies by Indian Association of Women's Studies hosted by University of Kerala, Trivandrum, 9th-12th April, 1984.	Female Labour participation in development presented on 10th April, 1984.
		(ii) National Seminar on Human Resource Development invited by the organiser, Deptt. of Psychology MSU to participate in the symposium-from 19th-20th February, 1985.	Paper presented on 19th February, 1985 Women's studies and Human Resource Development from the perspective of a Home Economist.
3.	Das Asha V.	National Seminar on Human Resource Development, Deptt. of Psychology 10-20 Feb. 1985.	Developing Human Resouces in Home related work.
4.	Chandra A.	Seminar as Research Trends of Agra from 18th to 20th March, 1985.	Research Trends in Home Science Education (Inaugural Address).

5. Talks of academic nature given at different Universities/Professional Institutions

Name of the Teacher	*Universities/Institution and date*	*Title of the Lecture*
Child Development Department		
1. Verma Amita	(i) Sri Venkateshwar University, Tirupati April, 1984.	(i) Present Trends and future perspectives in Pre-school Education.
		(ii) Family life Education in Home Science curriculum.
		(iii) Training personnel to work with young children.
	(ii) Sri Avinashilingam Chattiar College of Home Science, Bharatia University April, 1984.	Research curriculum and field work in Human Development.
	(iii) College of Home Science, Pantnagar, U.P. May, 1984.	(i) Family life Education in Home Science
		(ii) Early Childhood Education-Current Issues.
2. Saraswathi T. S.	Centre of Advanced studies, Department of Pscyhology, University of Allahabad, 18th to 31st March, 1985.	(i) Current Trends in Research in Child Development in India.
		(ii) Development of Moral Judgement.
		(iii) Socialization of the Indian Child.
3. Pathak Yogini	(i) Gujarat Rajya Aparadh Pratibandhaka Trust, Ahmedabad, 1984.	Activities for Physical and Emotional Development of Children.
	(ii) Gujarat State Institute of Education, 1984.	Factors influencing population growth and possible measures to control population growth.

Sr. No.	*Name of the Teacher*	*Theme, Organisor's name, Place and Dates of the Conference/Seminar*	*Title of the Paper*
		(iii) IPCL School, Baroda, 1985.	Who is responsible for the personality development of the Child ?
	Education and Extension Department		
1.	Paralikar Kalpana	IPCL School in January, 1985.	Concerns in Home Science and Hotel Management.
	Foods and Nutrition Department		
	Gopaldas Tara	(i) Post-graduate Department of Home Science Manas-Gangotri, Mysore January, 1985.	Nutrition-Health Education for supplementary feeding programmes.
		(ii) Lady Irwin College, Delhi University, January, 1985.	Nutrient and Health Input for Under-priviledged Scholars.
		(iii) University College of Science, Calcutta January, 1985.	Simple Malted food for young Child's feeding.
		(iv) Shri Venkateshwara University, Tirupati January, 1985.	All the Three lectures were delivered under the National Lectures Scheme of the University Grants Commission at each of the four Universities.

6. Participation in Professional Programme, Workshops, Summer-Schools etc.

Name of the Teacher	*Programme, Place and Date*	*Capacity in which participated*
Child Development Department		
1. Saraswathi T. S.	(i) Regional Workshop on Thrust Area for Research in Home Science; Faculty of Home Science, M. S. University of Baroda, 8th and 9th February, 1985.	Resource Person.
	(ii) Youth Action for Tomorrow's Families; Faculty of Home Science, M. S. University of Baroda, 28th January to 1st February, 1985.	Resource Person.
	(iii) Media Utilization for the Development of Women and Children; India International, New Delhi, 11th and 12th September, 1984.	Invitee.
	(iv) Human Ecology and Child Development; National Institute of Public Co-operation and Child Development, New Delhi, 18th and 19th September, 1984.	Invitee.
2. Dave Parul	(i) Non-formal Education for Women and Girls; Directorate of Adult Education and UNICEF; New Delhi; 3rd to 5th September, 1984.	Participant and Resource Person.
	(ii) Responsible Parenthood; Faculty of Home Science, M. S. University of Baroda, 22nd and 23rd April, 1984.	Resource Person.
	(iii) Youth Action for Tomorrow's Families; Faculty of Home Science; M. S. University of Baroda; 28th January to 1st February, 1985.	Convenor.
3. Mohite Prerna	(i) Developing Need based themes for the teachers to guide the primary school children via T. V. and Mass Media; Department of Guidance, Psychology and Counselling, NCERT, New Delhi, 27th and 28th July, 1984.	Resource Person.
	(ii) Integrated curriculum for Pre-primary and Primary School, Baroda High School, Baroda, 1984.	Participant.
	(iii) Thrust Areas for Research in Home Science, Faculty of Home Science, M. S. University of Baroda, 8th and 9th February, 1985.	Resource Person.
4. Kapoor Neena	(i) Development of Minimum Vocational Competencies based curriculum on Pre-primary Teacher Education and Management; NCERT, New Delhi; 10th to 15th December, 1984.	Expert.

Name of the Teacher	*Programme, Place and Date*	*Capacity in which participated*
	(ii) Current Researches in Child Development and Implication for curriculum Change. Lady Irwin College, New Delhi; 8th to 28th June, 1984.	Participant.
5. Pathak Yogini	(i) Gijubhai Shatabdi Samitee Balshikshan Nagar, Baroda, 1985.	Convenor and Invitee.
	(ii) 72nd Indian Science Congress, Lucknow, 3rd to 7th January, 1985.	Convenor of Forum of Home Science and Nutrition.
6. Mallaya Indira	(i) Thrust Areas for Research in Home Science, Faculty of Home Science, M. S. University of Baroda, 8th and 9th February, 1985.	Delegate.
	(ii) Curriculum development for Family and Child Welfare Courses in Schools of Social Work, National Institute of Public Co-Operation and Child Development, New Delhi; 18th to 20th December, 1984.	Participant and Reporter.
7. Misra Nirmala	Intergrated Curriculum for Pre-primary and Ist Standard; Samarpan School, Baroda, 9th and 10th May, 1984.	Resource Person.
8. Shah Ameeta	(i) Integrated Curriculum for Pre-primary and Primary School, Baroda High School, Baroda, 1984.	Participant.
	(ii) Responsible Parenthood, Faculty of Home Science, M. S. University of Baroda, 22nd and 23rd April, 1984.	Resource Person.
9. Dave Aruna	(i) Language Experiences for Young Children; 10th to 17th May, 1984.	Resource Person
	(ii) Integrated Curriculum for Pre-primary and Ist standard, Samarpan School, Baroda, 9th and 10th May, 1984.	Resource Person
10. Achhpal Beena	(i) Responsible Parenthood, Faculty of Home Science, M. S. University of Baroda, 22nd and 23rd April, 1984.	Resource Person
	(ii) Thrust Areas for Research in Home Science, Faculty of Home Science, M. S. University of Baroda, 8th and 9th February, 1985.	Delegate
11. Bhagia Dropti	Integrated Curriculum for pre-primary and Primary School, Baroda High School, Baroda, 1984.	Participant
12. Shukla Smita	(i) Youth Action for Tomorrow's Families, Faculty of Home Science, M. S. University of Baroda, 28th Jan. to 1st Feb., 1985.	Reporter
	(ii) Youth as Agent of Social Change, National Institute of Public Co-operation and Child Development, New Delhi, 18th to 20th March, 1985.	Participant
Clothing and Textile Department		
All the Clothing and Textiles Department Staff	UGC sponsored Workshop on " Identification of Thrust Areas in Home Science " held at Baroda on 8th, 9th Feb., 1985.	Participants
1. Shah Anupama	(i) UGC Workshop on Thrust areas of research in Home Science in Faculty of Home Science, Baroda in Jan., 1985.	Resource Person
2. Paralikar Kalpana	' Conference in Thrust areas of Research ' at SVT College, Bombay on 8th to 10th Jan., 1985.	Speaker Participant
3. Thomas A., Das A., Pande M.	Workshop in Thrust areas of Research in Home Science in Jan., 1985.	Participant
4. Thomas A.	Youth action for Tomorrow's families by FN, CD Deptt,. Faculty of Home Science, Baroda. 1984.	Resource Person
Foods and Nutrition Department		
1. Gopaldas Tara	(i) Meeting of the ICMR multicentric studies on " Relevance of Nutrition Education at the Field Level ", New Delhi, 7-10th May, 1984.	Principal Investigator
	(ii) Workshop on " Evolving the curriculum guidelines for UGC at the under-graduate and post-graduate levels " at Delhi, May, 1984.	Expert

Sr. No.	Name of the Teacher	Programme, Place and Date	Capacity in which participated
		(iii) Workshop on "Thrust Areas for Research in Home Science for the next Decade" New Delhi, 1-6th June, 1984.	Member
		(iv) IX International Congress on Dietetics at Toronto, Canada, 1-6th, July, 1984.	President of Indian Dietetic Association
		(v) XVII Annual meeting of the Nutrition Society of India at Hyderabad, 13-14th December, 1984.	Member
		(vi) Meeting of the project on "Behavioural Factors influencing Child Feeding and Child Rearing Practices in Different Communities, at New Delhi, 19-20th December, 1984.	Principal Investigator
2.	Gujral Sunder	U.G.C. sponsored workhop on "Thrust Areas of Research in Home Science", Faculty of Home Management, M. S. Uni. of Baroda, February, 1985.	Expert
3.	Seshadri S.	Meeting of the ICMR Project on "Evaluation of the National Nutritional Anemia prophylaxis programme" in Delhi 12-13th Dec., 1984.	Principal Investigator
4.	Mani U. V.	(i) UNICEF sponsored workshop on "Nutritional Monitoring and Assessment" Baroda 24-26th November 1984.	Participant
		(ii) UGC sponsored workshop on "Orientation to National Nutrition Programmes" at Baroda, 14-16th Feb., 1985.	Participant
Home Management Department			
1.	Ogale Nalini	UGC sponsored Regional Workshop on Thrust Areas for Research in Home Science for the State of Gujarat, M.P. and Rajasthan, Baroda, 9th-10th Feb., 1985.	Director of Workshop
2.	Srinivasan Kamala	Regional UGC Workshop on Thrust Areas for Research in Home Science, Faculty of Home Science, Baroda, 8th-11th Feb. 1985 (from Home Management Dept.)	Participant
3.	George Rachel	(i) Regional UGC Workshop on Thrust Areas for Research in Home Science, Faculty of Home Science, Baroda, 8th-11th Feb. 1985 (from Home Management Dept.)	Participant
		(ii) Workshop on Rural Energy Management, Aug. 7, 1984— Gujarat Energy Development Agency, Baroda.	Delegate
		(iii) Attended Training Programme on Improved Chulahs at S. P. University, Vallabh Vidyanagar, Sept. 15-24, 1984.	Observer
		(iv) Invited to evaluate the project report of "Development of a Design for Solar Cooker by NID Ahmedabad, on 27-3-1985 by GEDA Baroda.	Invitee
4.	Gandotra Veena	(i) Regional UGC Workshop on Thrust Areas for Research in Home Science, Faculty of Home Science, Baroda, 8th-11th Feb. (from Home Management Dept.)	Participant
		(ii) Regional Workshop on Appropriate Technology for North Western Region Hissar, March 1985.	Contributed paper entitled "Alternate sources of energy for rural families.
5.	Das Asha	Regional UGC Workshop on Thrust Areas for Research in Home Science. Faculty of Home Science, Baroda, 8th-11th Feb. 1985 (from Home Management Dept.)	Member of the organising committee.
6.	Nadvi Salma	(i) Regional UGC Workshop on Thrust Areas for Research in Home Science. Faculty of Home Science, Baroda, 8th-11th Feb. 1985 (from Home Management Dept.)	Participant
		(ii) Regional Workshop on appropriate Technology for North Western Rural Households, Hissar, March 1985.	Presented a paper–Technology for Rural Homes also participated as reporter for 2 sessions.

7. Exhibitions, performances, Demonstrations etc. at State, National or International levels.

Child Development Department :

The Gijubhai Birth Centenary year is being celebrated from November, 1984 to November, 1985. The centenary committee of Baroda had planned various programmes for children, parents and educationists. Prof. Amita Verma was the Chairperson of the symposium and Ms. Kiran Parekh and Dr. Yogini Pathak of the Child Development Department, were convenors of the "Balshikshan Nagar" organised at the Alembic Vidyalaya, Baroda, from the 25th to 27th February 1985.

Dr. Veena Mistry had presented a paper at the symposium entitled, "Is Formal Education Advisable in Early Years ?" Here, young children from 3 and 4 years to 15 years were provided opportunities for self-expression through various media like art, creative activities, song and drama activities, games etc.

The Post-graduate Diploma and the under graduate Diploma students of the Child Development Department were involved in arranging the workshop and in engaging and guiding children to give full scope to their creative ideas.

8. National and the International Awards and Distinctions

Sr. No.	*Name of the Recipient Teacher/ Non-Teacher/Student*	*Description of the Award/Distinction*
	Child Development Department	
1.	Verma Amita	Member, Technical Committee for guiding the Monitoring and Evaluation of Child Development/Welfare programmes constituted by NIPCCD and the Ministry of Social Welfare.
2.	Saraswathi T. S.	(i) Awarded American Psychological Association (APA) Journal subscription Award for five years. (ii) Awarded British Council Fellowship which enabled her to spend a week at the foundation for study of "Adaptation to Changing Environments" at Minister Lovell Mill, Oxford, as the gues of Director, Mr. Anthony Ambrose. (iii) Invited to prepare the third review of Developmental Psychology in India for the Indian Council of Social Science Research, New Delhi. (iv) Invited as Visiting Professor at the Centre of Advanced Studies, Department of Psychology, University of Allahabad, U.P.
	Foods and Nutrition Department	
1.	Gopaldas Tara, Gupta A. and Saxena K.	Hari Om Ashram Prerit Bhaikaka Inter-University Smarak Trust Award in Home Science for the paper entitled "The Impact of Sanskritization in a Forest Dwelling Tribe of Gujarat, India : Economy, Food Consumption Patterns, Nutrition Intake, Anthropometric, Clinical and Hematological status.
2.	Gopaldas Tara	UGC National Lecturer in Home Science, 1984-85.

9. Visitors

Distinguished Visitors

Sr. No.	*Name*	*Designation*	*Date/sl Duration of the Visit*
	Child Development Department		
1.	Prof. Mitra S. K.	National Fellow, Indian Council of Social Science Research, New Delhi.	28th August, 1984.
2.	Dr. Blakeney Irene	Treasurer, O.M.E.P. U.K. and Member, World Council, O.M.E.P.	18th November, 1984.
3.	Dr. Tizard Barbara	Director, Thomas Coram Research Unit, Institute of Education, London.	18th January, 1985.
4.	Prof. Khatena Joe	Head, Department of Educational Psychology, Mississippi State University, U.S.A.	19th January, 1985.
	Clothing and Textile Department		
	Sawyers Betty	Visiting Professor and Fulbright Scholar (Gave a series of talks on "Scope and status of Clothing and Textile Education.").	One Week (9-16th February, 1985).
	Education and Extension Department		
1.	Rozario Gerry D.	Director, Xavier Institute of Communication, Bombay.	25th January, 1985 from 11 a.m. to 2 p.m.
2.	Sawyers Betty	Fulbright Scholar U.S. Education Foundation of India	16th Feb. 1985 to 22nd Feb. 1985.

Sr. No.	*Name*	*Designation*	*Date/s/Duration of Visit*
	Foods and Nutrition Department		
1.	Swaminathan M. C.	Former Deputy Director, National Institute of Nutrition.	1-3rd Aug. 1984, Two days.
2.	Kapil Umesh	Senior Research Officer in Nutrition, ICMR	1-3rd Aug. 1984, Two days.
3.	Kakkar D. N.	Senior Deputy Director General, ICMR.	14-9-1984, One day.
4.	Naik G. P.	Education Officer of the British Council	3-10-1984, One day.
5.	Rush David	Prof. of Pediatrics, Mr. Sanai Hospital, New York.	14-15 Nov. 1984, two days.
6.	Drake William	Consultant and Prof. of Computer Science, Community Development Systems, Ann Arbour Michigan.	4-5 March, 1985, Two days.
	Home Management Department		
1.	Hirway Indira	Prof. of Economics, Gandhi Labour Institute, Ahmedabad, (Women and Technology).	28-12-1984.
2.	Luttgan Jorg	Managerial Expert Baroda Productivity Council. (i) Marketing Management and Consumer Movement. (ii) Social Responsibilities of Business and Business success	21-1-1985.

10. Any activity in the Faculty involving innovation in teaching/research.

Sr. No.	*Name*	*Activity*
	Child Development Department	
1.	Dave Aruna	With an aim to aid pre-school teacher in providing science experience to young children, she prepared a set of slides on " Science Activities for Pre-Schoolers ".
2.	Dave Parul	Prepared a set of Flip Charts on " Responsible Parenthood " for the Directorate of Adult Education, New Delhi, which were reprinted and distributed at all the adult literacy centres for women throughout the country.
3.	Mohite, Prerna	Prepared a booklet on " Reading Readiness for Pre-Schoolers " for the use of Teacher Education on a request from the NCERT, New Delhi.

4. Chetan Balwadi, the laboratory nursery school of the Child Development Department has successfully used innovative methods for teaching and assessing young children for their all round growth and development; some of them being : The reception class for new entrants, the developmental assessment method, and the music and movement programme.

11. Any Programme of the Faculty for the benefit of the Community :

Child Development Department

1. The department continues to be actively involved at the local level with the Nagar Prathamik Shikshan Samiti, the Intergated Child Development Service Programme. The Bal Bhavan Society of Vadodara, the Paediatric Department S.S.G. Hospital, the State Home for Women, and Government agencies and Institutions for children with Special Needs, as part of the departmental field-work programme in the Early Childhood Education and Family and Child Welfare settings. Students ranging from the undergraduate Diploma to the Master's Degree courses are involved in these field work programmes.

2. The Department collaborates with the Baroda Citizens Council in the diagnostic and stimulation programme for infants with developmental delays and disabilities.

Education and Extension Department

1. The programmes of adult education for urban women were conducted at the pragati Non-Formal education centre of the department and at other selected six communities of Baroda city. Demonstrations of nutrition and novel recipes, workshop on utility articles and clothes on various topics of interest to women were carried out. The programmes were appreciated by women and are in demand.

2. The rural extension programmes and activities were conducted in various villages. The camp for making smokeless chulas was organised in Por Village for 10 days, where in students demonstrated to village ladies the making of smokeless chulas. In villages the demonstrations on nutritions recipes and other articles were conducted for rural women and project on the clarification, school improvement and moral education for children were carried out. The Balwadi and Mahila Mandals were also initiated.

3. In course community health and recreation the students carried out programmes wherein they gave yoga demonstration, talks on nutritions, health hygiene and cure of certain deseases by the resource people. Health check up was done by doctors for ladies and children, and medicines were distri-

buted, Slide-show, film-shows and Puppet-shows were organised for re-creation of women and children.

4. Activity involved in the project on Moral and Population education to rural adolescent boys through popular media wherein four picture books, four educational games and two set of slides were produced.

Foods and Nutrition Department

A kit and Manual in Gujarati have been prepared for educating the urban slum community mothers in Nutrition-Health.

12. Any activity of academic/social significance organized in or by the Faculty not included under previous items.

Child Development Department

1. In connection with the International year of the youth the Child Development Department had organized a National Workshop jointly with the Family Planning Association of India, Bombay on "Youth Action For Tomorrow's Families" from the 28th January to 1st February, 1985. Approximately 75 participants (boys and girls) between the age group of 18 to 26 years and participated in the workshop. Most of them were NSS representatives of the various universities from different parts of the country.

2. The main objective was to help young participants understand the concept of family life Education and various related issues, on the assumption that today's youth being the parents and leaders of tomorrow, need to be adequately informed about the sensitive areas of family life education. The sessions dealt with areas like: understanding one's own self biologically and psycho-socially: common problems of youth; Marriage and Parenthood: Developing leadership and communication skills: and Youth Action in a Changing Society. Various experts were invited to conduct sessions on the above mentioned topics. It is assumed that youngeters will go back to their respective areas and spread the message to their counterparts in both urban as well as rural set-ups.
Prof. Amita Verma (C.D. Dept.) and Dr. M. C. Wasta were consultants, and Mrs. Parul Dave (C.D. Dept.) and Mrs. Sarla Mukhi were convenors and Mrs. Swati Trivedi the Co-ordinator of the workshop. Dr. T. S. Saraswathi (C.D. Dept.) had conducted a session on "Psycho-Social Aspects of growing up". The reporteries were Ms. Smita Shukla (C. D. Dept.) and Mrs. Mushira Shamsi.

3. The Department of Child Development has been recognized by the University Grants Commission for special Assistance under the scheme of Department Research support.

4. The Alumni Association of the Child Development Department, the M. S. University of Baroda, felicitated Dr. (Miss) G. Pankajam who is at present the Principal of Laxmi College of Education, Madurai, and Mrs. Sheela Patel who is at present the Assistant Director of Nagpada Neighbourhood House, Bombay, on the 30th July, 1984, as the first awardees of the Alumni Achievement of the department. The association has instituted a Trust for the same.

5. The Alumni Association plans to initiate a day care centre in the city of Baroda, owing to a severe lack of "Adequate" care facilities provided in the government run day care centres. Thus, in order to raise a suitable amount of fund for the same, a Gujarati drama "Akasmat", written and directed by Shri Shailesh Dave was staged on the 29th March, 1985.

6. The alumni association of the Department of Child Development has instituted the "Child Development Fund" by Rs. 10,000/- to be utilized for educational tours of students and accompanied by staff members.

Foods and Nutrition Department

1. A three day UNICEF sponsored workshop on "Nutritional Monitoring and Assessment" was organised by the Department of Foods and Nutrition from 23rd November, 1984 to 26th November, 1984. All the Staff members of the department as well as students participated in the workshop. The other participants were Shri M. S. Dayal, Joint Secretary, Ministry of Social Welfare; Dr. Sam Dalal, Senior Programme Officer, Nutrition, UNICEF; Dr. D. N. Kakkar, Deputy Director General, ICMR, New Delhi; Dr. Kamala Gopal Rao, Programme Officer, UNICEF; Dr. Prahlad Rao, Deputy Director, National Institute of Nutrition (NIN), Hyderabad; Shri Gouri Nath Sastry, Senior Research Officer, NIN; Dr. Umesh Kapil, Chief Research Officer, ICMR; Dr. Sheela Talwalkar, Scientist, Ciba Geigi Research Centre, Bombay; Mrs. Mary Ann Anderson, Nutrition Advisor, USAID; and Dr. M. Puar.

2. A three day UGC sponsored workshop on "Ongoing National Nutrition Programmes" was organised by the Department of Foods and Nutrition from 13-2-1985 to 15-2-1985. Fourteen outside participants including the teachers from home science colleges and the doctors working in the area of Preventive and Social Medicine and Child Nutrition and three local participants from Baroda Medical College attended the Workshop. The speakers included the experts working on various projects all over India such as Special Nutrition Programme, Food for Work Programme, Integrated Child Development Services Programme, Applied Nutrition Pro-

gramme, Mid-Day-Meal Programme, National Nutritional Anemia Prophylaxis Programme and Vitamin A Prophylaxis Programme. Special lectures were delivered by Dr. (Mrs.) K. N. Sharma, Executive Director of F.N. Board of " Role of F.N. Board on National Nutrition Programme " and by Dr. Kalyan Bagchi, Nutrition Advisor to ICMR and consultant to W.H.O. Geneva. The Keynote address was given by Dr. O. P. Gupta, Director of Health Medical Services and Medical Education, Gujarat State and the valedictory address was given by Smt. Rashmi Shroff, IAS, Secretary, Health and Family Welfare, Gujarat State.

CHAPTER XV

FACULTY OF SOCIAL WORK

CHAPTER XV

1. Published Articles/Papers

Name of the Teacher	*Title*	*Name of the Journal*
Joshi Sandha	"An Institution of the gifted children"	Dnyan Prabodhini Social Welfare Central Welfare Board, New Delhi, Sept., 1984.

2. Talks of academic nature given at different Universities/Professional Institutions

Name of the Teacher	*University/Institution and Date*	*Title of the Lecture*
(i) Shelat I. P.	I.C.S.W. Ahmedabad on 18-3-1985	"Utilization of Voluntary Welfare Resources in delinquency control".
(ii) Anjaria V. N	Center for *Entrepreneurship* Development, Ahmedabad on 8-3-1985	"Individual and Environment Counselling Techniques."

3. Participation in Professional Programme, Workshops, Summer Schools etc.

Name of the Teacher	*Programme, Place and Date*	*Capacity in which participated*
1. Navale A. S.	(i) Youth Consultation July 29 to Aug. 1st, 1984 organised by Vishva Yuvak Kendra, New Delhi	Participant
	(ii) Talk on Leadership Training at Dahod College, Dahod, Gujarat University Resource Person for Training course on 26-8-1984.	Resource Person

Name of the Teacher	*Programme. Place and Date*	*Capacity in which participated*
	(iii) Talk on Techniques of Social Work at Orientation programme for Social Defence personnel organised by ICSW at Rajkot on 23-11-84.	Resource Person
	(iv) Talk on Supervision of Immoral Traffice Act for participant of Voluntary Agencies at Ahmedabad on 27-11-84.	Resource Person
	(v) Seminar on International youth year and Role of voluntary Agencies organised at Youth Hostel Association of India, New Delhi from 4-6 Feb., 1985.	Participant
	(vi) Talk on group Dynamic at Training programme for Project Leaders by centre for Enterprenership Development at Ahmedabad on 5-3-85.	Resource Person
	(vii) Talk on Social Work Techniques & Delinquency control for Social Defence Department Personnel organised by I.C.S.W. at Ahmedabod on 15-5-85.	Resource Person
2. Shelat I. P.	(i) Regional Seminar on "Child Labour" at G.L.I. Ahmedabad by Antar Bharti, Vadodara and Gandhi Labour Institute, Ahmedabad from 26 to 28 Feb. 1985.	Participant
	(ii) Seminar on "Fair Trade Practices by voluntry organization for interest in consumer Education Delhi and CERC consumer Edu. Ahmedabad from 2nd to 5-12-84.	Participant

Name of the Teacher	*Programme, Place and Date*	*Capacity in which participated*
	(iii) Talk on "Co-ordination among voluntary and Government Agencies" by Gujarat State crime prevention Trust, Ahmedabad, on 7-12-1984.	Speaker
	(iv) Talk on "Development of voluntary welfare movement in India" by ICSW, Ahmedabad, on 23-11-1984.	Speaker

4. Faculty Publications :

Name of the Journal	*Name of the Editor's*	*Periodicity of Publication*
Social Work Review	Maitra Promila Chief Editor Patel Indira Rajyaguru H.M. Khasgilwala Aruna	Yearly Editorial Board

5. Visitors :

Name	*Designation*	*Date*
1. Dr. S. C. Jain	Prof. and Head, Dept. of Rural Studies South Gujarat University, Surat.	14-9-1984
2. Prof. Lance Liebmane	Prof. of Law and Association, Dean, Harvard Law School, U.S.A.	15-9-1984
3. Dr. Dilip Shah	Reader, Department of Rural Studies, South Gujarat University, Surat.	21-9-1984
4. Fr. J. N. Horedero	Director, Behavioural Science Centre, ST. Xaviers College, Ahmedabad.	28-9-1984
5. Prof. S. N. Ranade	Professor, Delhi School of Social Work, New Delhi.	23-3-1985
6. Dr. H. R. Chaturvedi	Professor, Centre for Developing Societies, Delhi.	8-3-1985
7. Prof. E. S. Lightman	Toranto School of Social Work, Canada	20-3-1985
8. Prof. M. C. Nanavatty	Consultant, Social Welfare and Development, C-99 greater Kailash, New Delhi-48	26-3-1985

6. National Service Scheme :

The Dean of the faculty is the Ex-office Director of University's N.S.S. Programme, Faculty member Mr. Anil S. Navale works as N.S.S. Programme Co-ordinator.

(a) Enrolment of students : 1525
(b) Camps students participants : 585
(c) N.S.S. Officers : 15

7. Any Programme of the Faculty for the benefit of the Community :

(a) Gathering of slum adult women of Pensionpura.
(b) Training of Mahila Mandal Office bearers two-day workshop.
(c) C.G.C. benificiaries parents meeting for a social forum.

8. Activities of the Students Association during the year were carried out as under :

(a) The Student Association began its annual program with a welcome party to the incoming Junior students. This was followed by cultural programs, picnic organization, quiz and sports events. The Association celebrated the festival of Navratri. Students parcipated in sports events at the Faculty as well as inter-Faculty level. The Association played host to students from other schools of social work from other parts of the country.

Many more programs were scheduled to be held but they had to be postponed in light of the disturbed academic term.

(b) " Environmental Stress and Human Sufferings ".
Inter-departmental seminar for P. G. Students of the University 4-3-1985.

9. Library :

The Faculty has a separate library which is maintained from the grant received from the University for the purpose.

The University sanctioned a recurring grant of Rs. 3,500/- for subscription to periodicals and Rs. 3,000/-for books, Received a grant of Rs. 25,000/- from the U.G.C. for books.

Sr. No.		*Books including Bound Periodicals*	*Pamphlets*	*Total Value in Rs.*
1.	Number at the beginning of the year	10073	2525	1,56,021-40
2.	Number added during the year	427	—	22,477-03
3.	Number remaining at the end of the year	10500	2525	1,78,498-43

Periodicals :

The total No. of periodicals subscribed by the library during the year was 19.

The following figures show the statistics of Library :

1. Average number of Readers visiting the Library : 75
2. Average number of Books issued for home reading : 70
3. Average number of teachers visiting the Library : 7
4. Average number of Books issued per day for reference : 85

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CHAPTER XVI

FACULTY OF LAW

CHAPTER XVI

1. Courses of Studies

No new courses of study were started as such during the year 1984-85. Labour Laws and Taxation Laws were offerred as optional subjects at the LL.B. Course, and Commercial Law group was taught at the LL.M. Course. Constitutional Law was taught as a compulsory at the LL.M.-I Course.

2. Published Articles/Papers

Name/s		*Title*	*Name of the Journal wherein published with date of Publication*
1. Dholakia H. C.	(i)	Institutions of National Consensus.	Corporate Law Review, (May, 1984).
	(ii)	Minerva Mills Case: Limited Amending Power.	Corporate Law Review, (November, 1984).
	(iii)	Minority Rights.	Gujarat Law Herald (April, 1984).
	(iv)	Maneka Gandhi's Passport Case: Right to Fiar Procedure.	Gujarat Law Herald. (December, 1984).
2. Rathod J. C.	(i)	The Concept of Public Interest in the Commercial Sense	Gujarat Law Herald. (November, 1984).
	(ii)	Oppression and Mismanagement.	Corporate Law Review, (November, 1984).

3. Papers presented at Professional Level Seminars, Conference etc.

Name of the Teacher	*Theme, Organisor's Name, Place and Dates of the Conference/Seminar*	*Title of the Paper*
1. Dholakia H. C.	(i) "Recent Developments in Administrative Law" U.G.C. sponsored Seminar at Gujarat University (Godhra), (25, 26, 27 January, 1985).	(i) Liability of the State in civil matters. (ii) Administrative Discretion. (iii) Promissory Estoppel.
	(ii) 'Legal Aid and Lok Adalat' Seminar organized by the High Court Silver Jubilee Committee, at Ahmedabad, (January, 1985).	Lok Adalats.
2. Naik D. B.	"Recent Developments in Administrative Law" U.G.C. Sponsored Seminar at Gujarat University (Godhra), (25, 26, 27, January, 1985).	Rule of Law.
3. Rathod J. C.	—do—	Liability of the State in Torts and Contracts.

4. Talks of Academic Nature given at different Universities/Professional Institutions

Name of the Teacher	*University/Institution and Date*	*Title of the Lecture*
Dholakia H. C.	Faculty of Law, University of Rajasthan, Jaipur, (25th August, 1984).	Schools of Jurisprudence

5. Participation in Professional Programme, Workshops, Summer School setc.

Name of the Teacher	*Programme, Place and Date*	*Capacity in which participated*
Dholakia H. C.	U.G.C. Sponsored Seminar on Recent Developments in Administrative Law, at Gujarat University (Godhra) held on 25, 26 and 27 January, 1985.	resource Person.

6. Lectures by Visitors

Name	*Designation*	*Dates/Duration of the Visit*
1. Liebmann Lance	Dean of the Harvard Law School, U.S.A.	Spent three months ofhis sabbatical leave at the Faculty of Law, and held seminars and delivered lectures on Constitutional Law. (August-October, 1984).
2. Shukla B. M.	Director, University School of Law, Gujarat University.	(i) Law and Morality (ii) Law and Poverty. (January 18 and 19, 1985).
3. Mehta Haroobhai M. P. Advocate	Member of Parliament, Member, State Legal Aid Committee.	"Legal Aid and Lok Adalat". (20th February, 1985).
4. Pandya B. P.	Principal, Law College, Valsad.	Fundamental Rights. (28th February, 1985).

7. Any activity in the Faculty involving innovation in teaching/research

Dissertation based on Research was introduced as a compulsory part of LL.M.-II examination. Students are required to complete this project of dissertation under the supervision from the Faculty of Law before apprearing at the Examination.

8. Any Programme of the Faculty for the benefit of the Committee

(i) Prof. H. C. Dholakia participated in the Lok Adalats at several places, at the invitation of the State Legal Aid and Advice Board Gujarat State.

(ii) Shri J. C. Rathod, Reader in Law, was a member of the Executive Committee of the Consumers Protection Society.

CHAPTER XVII

ORIENTAL INSTITUTE

CHAPTER XVII

1. The main work of the Institute is research and publication of important unpublished works on all subjects related to Indology. In 1949, when the Institution was taken over by the University, it had 109 Published volumes in the Gaekwad's Oriental Series and 516 works in other series. At the close of the year of the report the number of publications stood at 171 in the Gaekwad's Oriental Series and 637 books in other series. One book was reprinted during the year.

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 Gramavikasamala (7) Shri Sayaji Balajnanamala (8) Shri Shishujnanamala (9) Matushri Jamnabai Smarak Granthamala.

2. Post-Graduate Teaching

As a part of the scheme of co-ordination of the teaching of 14 Shastras at the M. A. Level in Sanskrit some members of the Institute are associated with some teaching work in the Faculty of Arts.

3. Journals published by the Institute:

The following quarterly research journals are published :

Name of the Journal	*Name of the Editor*	*Periodicity of Publication*
1. Journal of the Oriental Institute (in English)	Kantawala S. G.	Quarterly (September, December, March & June)
2. Svadhyaya (in Gujarati)	Kantawala S. G.	Quarterly (Dipotsavi, Vasantapanchami, Akshayatrutiya and Janmashtami)

In the year under report, Nos. 3 and 4 of Vol. XXXIII and Nos. 1 and 2 of Vol. XXXIV of the Journal of the Oriental Institute were published. Nos. 3 and 4 of Vol. XXI and Nos. 1 and 2 of Vol. XXII of Svadhyaya were published.

4. Published Articles/Papers :

Sr. No.	*Name*	*Title*	*Name of the Journal wherein published with date of publication*
(1)	Vyas R. T.	(i) "Vishnu in Vedic Literature"	Journal of the Oriental Institute Vol. 33 Nos. 3-4 (March-June '84 issue) (Pubd. in Oct. '84) Pravahadeep (Annually published) (Pubd. in Feb. '85)
		(ii) "કાલિદાસની રાષ્ટ્ર-ભાવના"	"Swadhyaya" Vol. 22, No. 2, Jan. '85
		(iii) "દશોપનિષદ્‌ભાષ્ય વિવરણ"	Pravahadeep (Annually published) (Pubd. in Feb. '85)
		Reviews on:	
		(i) "A study of Tattvarthasutra with Bhashya with special reference to Authorship and Date."	Journal of the Oriental Institute Vol. 33, Nos. 3-4 (March-June '84 issue) (Pubd, in Oct. '84)
		(ii) "Hermeneutics and Language in Purvamimamsa. A study in Shabar Bhashya"	Journal of the Oriental Institute Vol. 33, Nos. 3-4 (March-June '84 issue) (Pubd. in Oct. '84)
(2)	Joshi P. H.	Select Contents of Oriental Journals	Journal of the Oriental Institute Vol. 33, Nos. 3-4 (March-June '84 issue) (Pubd. in Oct. '84)

Sr. No.	*Name*	*Title*	*Name of the Journal wherein published with date of publication*
(3)	Pandya B. P.	(i) શંકરવિરચિતમ કૃષ્ણાષ્ટકમ્	Surabharati, Vol. 22, Oct. '84 (Pubd. in Feb. '85)
		(ii) શ્રી કલ્યાણરાયજી પ્રભુનો સંક્ષિપ્ત ઇતિહાસ	Shri Kalyanrayji Chhappanbhoga Pustika, Pubd. on 6-12-'84.
		Reviews on : ગુજરાતના મોઢ બ્રાહ્મણો	Svadhyaya, Vol. 22, No. 1 Dipotsavi issue, (Pubd. in March '85)
(4)	Wakankar S. Y.	(i) Sanskrit (Bharatiya) Ganjipha-Researched Outside India	Itihas Patrika, (1984) (Pubd. in Sept. '84)
		(ii) વિલાસમંજરી—એક પરિચય	Svadhyaya, Vol. 22, No. 1 Dipotsavi issue, (Pubd. in March '85)
(5)	Joshi D. S.	(i) કેટલાંક મધ્યકાલીન ગુજરાતી ગદ્યરામાયણો	Svadhyaya, Vol. 22, No. 1 (Dipotsavi issue) (Pubd. in March '85)
		(ii) કેટલીક વાચિક ખાસિયતો	Hindu Milan Mandir, (Dipotsavi issue) (Pubd. in Nov. '84)
		(iii) રામાયણમેં સાંસ્કૃતિક સમન્વય	Uttara, Vol. 4, No. 11 (Pubd. in Nov. '84)
		(iv) અહંકાર	Jalaramdeep, Aug-Sept. '84 issue, (Pubd. in Sept. '84)
		(v) ચાંદની	Jalaramdeep, Feb. '85 issue (Pubd. in Feb. '85)
		(vi) કર્મ એ જ ધર્મ	'મૂક સેવક અને બોલતા હૈયા' (Pubd. in Oct. '84)
		(vii) પૂ. શ્રી રંગ અવધૂતની કૃષ્ણભક્તિ	શ્રીમદ્ ભાગવત દર્શન સ્મરણિકા (Pubd. in May '84)
		(viii) દત્તાત્રેય હાજરાહજુર છે	ઔદુમ્બર કલ્પવૃક્ષ (Pubd. in June '84)
		(ix) શ્રી રંગ અવધૂત વિરચિત 'બોધમાલિકા'	Nareshwarno-Nad Issue Nos. 72 to 81.

Sr. No.	*Name*	*Title*	*Name of the Journal where in published with date of publication*
		Reviews on :	
		(i) બાલગુર્જરી	Svadhyaya, Vol. 21, No. 3, Akshayatrutiya issue, (Pubd. in June '84)
		(ii) ચમત્કારોનું વિજ્ઞાન	Svadhyaya, Vol. 21, No. 4, Janmashtami issue, (Pubd. in Sept. '84)
(6)	Pathak M. M.	Reviews on :	
		(i) સહજ સુખ-ભાગ ૧-૨	Svadhyaya, Vol. 21, No. 4, Janmashtami issue (Pubd. in Sept. 85)
		(ii) વેણુગીત	Svadhyaya, Vol. 22, No. 1, Dipotsavi issue, (Pubd. in March '85)
		(iii) Cultural Course, Book V	Journal of the Oriental Institute, Vol. 33, Nos. 3-4, March–June '84 issue (Pubd. in Oct. '84)

5. Published Books and Monographs

Name of the author	*Title of the Book*	*Name of the publisher and the year of Publication*
Joshi Devadatta S.	દક્ષિણનું દર્શન	Shri Avadhut Sahitya Prakashan Trust, Nareshwar (Pubd. in Nov. '84)

6. Papers presented at Professional Level Seminars, Conferences etc.

Name of the Teacher	*Name of the Organisor, Place and Date of the Seminar/Conference*	*Title of the Paper*
Vyas R. T.	VIth World Sanskrit Conference held at University of Pennsylvania, Philadelphia, U.S.A. 13–20 Oct. '84.	'Yajnavalkya and Buddha' (Paper read on 18th Oct. '84)

7. Talks of academic nature given at different Universities / Professional Institutions

Name of the Teacher	*University/Institution and Date*	*Title of the Lecture*
(1) Vyas R. T.	(i) Sanskrit Vidvatsabha, Baroda. 23–9– '84	'ऋग्वेदद्वैत सिद्धान्तबीजम्
	(ii) Veda–Mandir Brunswick (East) New Jersey (U.S.A.) 27–10–1984	'ઋગ્વેદીય પુરુષસુક્તનું આધ્યાત્મિક તાત્પર્ય'
	(iii) Sanskrit Literary Society, Dept. of Sanskrit, Faculty of Arts, Baroda 22-12-1984	"My impressions of the VIth World Sanskrit Conference at Philadelphia, U.S.A."
	(iv) Vidyut Board Vidyalaya, Baroda 22-6-1984	"શિક્ષણનું તત્ત્વજ્ઞાન"
	(v) Sanskrit Mahavidyalaya, Baroda 14-3-1985	"संस्कृतस्य समकालीनमहत्त्वम्"
(2) Joshi D. S.	(i) Granthagosthi, Baroda 7-4-1984	ચમત્કારોનું વિજ્ઞાન
	(ii) Vidyut Board Vidyalaya, Baroda 22-6-1984	વિદ્યાર્થી અને જીવનમૂલ્યો
	(iii) Shri Ranga Avadhut Study Circle, Surat 22 4-1984	'દત્તનામ સ્મરણ
	(iv) Shri Ranga Avadhut Study circle, Rajpipla 11-11-1984	'શ્રી રંગઅવધૂત આનંદલહરી'
	(v) Shri Avadhut Parivar, Mindhol (Dist. Baroda) 12-1-1985	'શ્રી રંગ અવધૂતની ચેતના'
	(vi) Shri Ranga Avadhut Study Circle, Surat 13-1-1985	'દત્તનામસ્મરણમાંનું દર્શન'
	(vii) Shri Dattabavani Golden Jubilee Celebration, At-Saij, (Dist. Ahmedabad) 21-1-85	'દત્તબાવનીનું રચનાકૌશલ'
	(viii) Shri Ranga Avadhut Study Circle, Rajpipla 17-2-1985.	'શ્રી રંગઅવધૂતની શિવભક્તિ'
(3) Pathak M. M.	Shri Aurbindo Society, Baroda. 6-5-1984.	'વૈદિકી સૃષ્ટિપ્રક્રિયા'

8. Participation in Professional Programme, Workshops, Summer Schools etc.

Sr. No.	*Name of the Teacher*	*Programme, Place and Date*	*Capacity in which participated*
(1)	Bhatt B. N.	Workshop on "Conservation of Books and Manuscripts." (Organised by the School of Archival Studies, National Archives of India, New Delhi), 6-8 Feb. 1985.	Participant. (Deputed by the M. S. University)
(2)	Wakankar S. Y.	Workshop on "Minor Sciences in Ancient India." (Organised by the Institute for Oriental Study, Thane), 30-6-1984	Participant. (Deputed by the M. S. University) Read a paper on 'Pakashastra Manuscripts in the Oriental Institute, Baroda.

9. Extra activities done by the Staff

(1) Vyas R. T.

(a) Elected unanimously as a Vice-President, Sanskrit Vidvat Sabha, Baroda on 29-7-1984.

(b) Invited to act as an Advisor and Contributor for a special issue on "Music and Mythology of the Journal of the Indian Musicological Society" Baroda on 28-7-1984.

(c) Acted as Judge at the Sanskrit Elocution Competition at Sanskrit Mahavidyalaya, M. S. University of Baroda, on 14-3-1985.

(2) Pandya B. P.

(a) Joint Editor, 'Anugraha' Ahmedabad.

(b) Member, Executive Committee, Gujarat Sahitya Sangit Kala Mandal, Baroda.

(c) Joint Secretary, Shuddhadvait Samsadam Gujarat.

(d) General Secretary (Pradhanmantri)—Sanskrit Vidvat Sabha, Baroda.

(e) Member of the Editorial Board of the 'Jivatman' Vol. to be published by Bharatiya Jnana Pracharini Sabha, Baroda.

3. Joshi D. S.

(a) Worked as a Judge at the Poetry-recitation competition Elocution Competition, Group-discussion, etc. in the Youth Fastival of the Gujarat University held at Arts College, Godhra on 10-11 Jan. 85.

4. Shah N. N.

(a) Worked as a Judge at the Elocution Competition of College Students of Baroda-Kaira and Punchamahal Districts at Arts & Commerce Collage, Bodeli, on 8-1-85.

(b) Worked as a Judge at the Elocution Competition arranged by Shri Dasha Shrimali Yuvak Mandal at Sardar Bhavan, Baroda on 26-1-85.

10. Visitors

Sr. No.	*Name*	*Designation*	*Date of Visit*
1.	Prof. Joshi S. D.	Head of the Dept. of Sanskrit and Director, C.A.S.S., University of Poona, Poona.	24-7-84
2.	Dr. Roodbergen J.A.F.	Head of the Dept. of Sanskrit, University of Amsterdam, Keizersgracht-73. (Germany)	24-7-84
3.	Dr. (Mrs.) Mallison F.	Research Fellow, French Oriental Institute, Paris (France)	13-8-84
4.	Prof. Sharma R. M.	Prof. of Sanskrit, Punjab University, Chandigarh	20-9-84

11. Manuscripts Section

This section has a collection of 26,500 manuscripts in Sanskrit, Prakrit, Pali, Apabhramsha and other Indian languages including a few in Persian and Arabic. To these 33 MSS. were added during the year, out of which 6 MSS. were purchased and 27 MSS. were received as gift.

During the year, 10 manuscripts were lent out to other Institutions, 26 to local scholars and 187 were issued for the work in the premises of the Institute. An amount of Rs. 26,892/- only was received as grant-in-aid for the Catalogue Scheme from the Ministry of Education, Dept. of Culture, New Delhi and the same was utilized.

12. Printed Books Section :

The Institution has a well-equipped library having a collection of 42,305 books.

(A) *Books :*

This year the library has spent Rs. 91,311.94 p. towards the purchase of books, periodicals and equipments. This includes the grant from (1) The scheme of Financial Assistance to Voluntary Educational Organisations working the field of Public Libraries/MSS libraries from the Dept. of Culture, Ministry of Education, Govt. of India, New Delhi, (2) The U.G.C. Grant for purchase of Books for the VIth Plan period, (3) The University Grant for the Institute and (4) The University Grant for the Vishnupurana Project.

The following statement gives the details of acquisition during the year :

	Books including bound periodicals	*Total Value*
Total number of Volumes of the year	41,364	4,62,314-10
Number added during the year	941	84,869-43
Total :	42,305	5,47,183-53

Out of the total number of books added during the year 194 books were received as gift/on exchange basis.

(B) *Periodicals :*

The total number of periodicals and scholarly journals received here is 199. The Institute could subscribe for two journals.

13. Publications :

(a) *Gaekwad's Oriental Series :*

Editing and publication of books in this series is one of the main activities of the Institute. This institute has utilized the UGC grant of Rs. 1,50,000/- received for the publication of GOS. works during the VIth Plan, over and above the University Grant of Rs. 40,000/- for the publication of GOS books.

So far 171 volumes have been published under this series. The following works are printed during the year :

1. Tattvasaṁgraha (Eng. Transl.) —Vol. I (GOS No. 80) —Tr. by Late Dr. Ganganatha Jha

The following works are under print :

1. Tattvasaṁgraha (Eng. transl.) —Vol. II (GOS No. 83) —Tr. by Late Dr. Ganganatha Jha
2. Tattvasaṁgraha (Sans. text) Vol. II (GOS No. 31) —ed. by Late Pt. Embar Krishnamacharya
3. Revised edition of Nāṭyaśāstra —Vol. I —ed. by Dr. Krishnamoorthy
4. A Dictionary of Sankrit Grammar (GOS No. 136) (to be reprinted) —ed. by Late Prof. K. V. Abhyankar and Dr. J. M. Shukla
5. Nyayakandali —ed. by Prof. A. L. Thakur & Dr. Vasant Parikh
6. Pratika-Index of Valmiki Ramayana —ed. by Dr. Vyas R. T.
7. Valmiki Ramayana, Vol. I, Fasci. 2 (To be reprinted under UGC grant) —ed. by Late Prof. Bhatt G. H.

(b) *M. S. University Oriental Series :*

" Mahāvākyādarśa " of Jayarāma Nagara (with Engg. translation & notes) —ed. by Dr. Vyas R. T.

14. Translation Branch

Under this branch books written in Gujarati for the benefit of Juveniles, adults, rural population and women are published in five series.

The following works are printed during the year :

Shri Sayaji Sahityamala

(i) વૃદ્ધત્રયી અને લઘુત્રયી —by Late Dr. B.G. Vaidya

(ii) વૈષ્ણવતીર્થ ડાકોર —by Late Dr. M. R. M. Majmundar

Shri Sayaji Balajnanamala

શ્રી સમર્થ રામદાસ —by Shri Y. P. Musale

The following works are under print :

Shri Sayaji Sahityamala

(i) વડોદરા : એક અધ્યયન —by Dr. Ramanlal N. Mehta

(ii) નાભાજીકૃત ભક્તમાલના ઐતિહાસિક ભક્તો —by Shri Mulshankar Kevalia

Matushri Jamnabai Smaraka Granthamala

ગ્રામજીવન અને ગૃહવિજ્ઞાન -by Dr. (Mrs.) Yogini C. Pathaka

Shri Sayaji Balajnanamala

સંત આર. ડી. રાનડે -by Dr. Nitin J. Vyas.

Critical Editions Scheme (Vishnupurana) :

(i) Collation of Devanagari MS. D_1 is finished, that of the MS N_1 has been completed upto the third part of Vishnupurana. New MSS. N_2, B_3 were taken up for collation. The work of N_2 is finished upto the half of the first part, that of B_3 is done upto the second part of the Purana and T_3 is collated upto the fifth part of the Purana.

(ii) The Critical Apparatus of the first part of chapters 9-22 has been completed and that of first 7 chapters of the second part is also finished.

(iii) Reconstruction of the Critical text of the last chapter of the first part and the whole of the second part is finished.

CHAPTER XVIII

FACULTY OF PERFORMING ARTS

CHAPTER XVIII

1. Published Articles/Papers

Department of Music :

Name of the Author	*Title of Book*	*Publisher and year of Publication*
Patwardhan N. V.	(i) Book review of Patna Gharana	Journal of Indian Musicological Society, June, 1984.
	(ii) Drut Khyal in Rag Shuddha Sarang	Sangeet Kala Vihar, November, 1984.

2. Talks of Academic nature given at different Universities/Professional Institutions

Department of Music :

Name of the Teacher	*University/Institution and Date*	*Title*
Patwardhan N. V.	(i) Music Deptt. Allahabad University 22-1-1985.	Mixed Melodies (Mishra Ragas)
	(ii) Music Deptt., R. G. College, Meerut 23-1-1985.	Basic Principles of Rag Flrmatic.

3. Participation in Professional Programmes, Workshops, Summer Schools etc.

Name of the Teacher	*Programme, Place and Date*	*Capacity in which participated*
Department of Music :		
Patwardhan N. V.	For Post-Graduate level students, Gandharva Mahavidyalaya, New Delhi from 4th to 11th Nov., 1984.	An Expert for Workshop

Department of Dance :

1.	Chandrasekhar C. V.	(i)	Lectures and Demonstration in the Universities of Viswa Bharati-Santiniketan and Rabindra Bharati University, Calcutta in the month of November, 1984. — UGC National Lecturer for the year 1984-85.
		(ii)	All India Seminar on Nrtta and Natya organised by the Kalidas Akademi at Ujjain in Dec., Jan., 1984-85. — Participant
		(iii)	The Workshop organised by the NC ERT at Ahmedabad in January, 1985 on " Formation of Syllabi in Performing Arts." — Participant as a Member
		(iv)	The Central Scholarships Committee of the Ministry of Culture for selection of candidates under the Cultural scholarship scheme. — Member
2.	Shah Parul		University of Wisconsin-Madison in the Deptt. of Theatre and Drama August, 1984. — Special Student
3.	Patel V. M.		Seminar on Music Education at the Indira Kala Sangeet Viswavidyalaya, Khairagarh, M.P. in Sept. 1984. — Attendant

4. I. Exhibitions, Performances, Demonstrations etc. at State, National or International Levels.

Department of Music :

Patwardhan N. V.	(i)	Public performance at Dehradun on the 24th January and at Haridwar on the 25th Jan., 1985.
	(ii)	Following members of the staff broadcast Music Programmes from All India Radio ; 1. Patwardhan N. V. 2. Bhonsale D. K. 3. Patel V. M. 4. Desai H. K. 5. Pakhawaji C. C. 6. Ghodke G. B. 7. Gurav M. N.

Department of Dramatics :

Chavla A. P.	(i)	Gave Demonstration on ' Morbi Mime ' in Lighting Workshop conducted by Welknown India Lighting Designer " Tapta Sen ' Ahmedabad organised by Sangeet Natak Akademi, Gujarat Rajya, Gandhinagar, on 8-6-1984.
	(ii)	Gave performance of Mime ' Yantra Manav ' with Deptt. of Drama Students at Baroda on 29-6-1984.
	(iii)	Was Interview on T.V. at Rajkot and gave performance on ' Mime ' on T.V. on 4-11-1984.

4. II Major Performances presented by the Department and Individual Solo Dancers of the Department

(a)	April, 1984	(i)	Solo Bharata Natyam recital by Shrinivasan Usha at Baroda.
		(ii)	Solo Bharata Natyam recited by Patel Mayura at Baroda
(b)	July, 1984		For the Anjali Merh Memorial Trust. Rajasthan and Gujarati Folk Dances presented by the Department directed by Shah Parul
(c)	August, 1984	(i)	' Bhumija ' Dance Drama presented for the Kerala Fine Arts Club at Cochin.

		(ii) Bharata Natyam by Srikant Rama at FACT —Cochin Solo.
		(iii) Bharata Natyam Solo by Parimoo Gowri at the 'Natyotsava' Dance Festival at Madras.
		(iv) 'Ritu Samharam' Dance Drama at the 'Natyotsava' Dance Festival at Madras.
		(v) 'Bhumija' Dance Drama presented at the Bramha Gana Sabha, Madras all Directed by Prof. Chandrasekhar.
(d)	October, 1984	(i) Classical and Folk Dances by Students of the Department for the Eastern India Cultural Association, Baroda directed by Shri Baruah P. K.
		(ii) Bharata Natyam Duet by Parimoo Gowri and Chandrasekhar Manjari at Udaipur for the Maharana Kaunbha Sangeet Parishad.
(e)	November, 1984	Solo Bharata Natyam by Thakkar Meera for the Baroda Kacchi Samaj directed by Baruah P. K.
(f)	January, 1985	The Government of Gujarat selected our Department's Garba for the Inter-State Folk Dance Competition organised by the Delhi Administration which bagged the second prize. The dance was directed by Shah Parul.
(g)	February, 1985	(i) Chandrasekhar and the Department of Dance were invited to perform at the prestigeous 'Natyanjali' festival at the Nataraja Temple at Chidambaram. Seven Post-graduate students of the Department has this unique honour of performing there alongwith Chandrasekhar and received high praise.
		(ii) The Department presented a programme of Kathak, Bharata Natyam and Folk Dances for the delegates of the Seminar on Candian Students of the Department of English directed by Katpitia N. N., Oza P. S. and Baruah P. K.

(h)	March, 1985	Chandrasekhar Chitra of the Department presented three performances at Kanpur (Nadbramhan), Varanas (Abinav 1985) and Pune (Government of Maharashtras Youth Programme).

Department of Dramatics

1.	Chavla A. P.	(i) was invited to give Lecture—Demonstration on Mime at Muni Ashram, Goraj on 12th and 13th June, 1984 organised by Gujarat University, Ahmedabad.
		(ii) was invited to give Lecture—Demonstration on Art on Mime, on 1st and 2nd October, 1984 at Bodeli organised by Sheth Kapadia T. C. Arts and Commerce College, Bodeli.
		(iii) invited to conduct the Mime Acting Seminar at Rajkot from 27-10-1984 to 4-11-1984 organised by Kala Niketan, Rajkot.
2.	Bhatt Jadgish	was invited to give lecture cum demonstration on Art of Bhava at Bodeli organised by Sheth T. C. Kapadia Arts and Commerce College, Bodeli.
3.	Kelkar Yashwant	was invited to give lecture cum demonstration on Art of Play Production at Sheth T. C. Kapadia Arts and Commerce College, Bodeli.
4.	Mehech Champaklal	was invited to give lecture cum demonstration on Art of Acting at Sheth T. C. Kapadia Arts and Commerce College, Bodeli.
5.	Vyas H. D.	was invited to conduct the Seminar on Drama at Sheth T. C. Kapadia Arts and Commerce College, Bodeli.

5. National and International Awards and Distinctions

Department of Dramatics

	Chavla A. P.	(i) Received award of Baroda Banyan City Jaysees to "Ten outstanding young person in Barya" on on 15-9-1984 at Baroda Gandhinagar Gruh.
		(ii) Received Award of Gujarat Rajya Jaysees to "Five outstanding Young Persons in Gujarat State" on 6-10-1984 at Gandhi Nagar Gruh, Baroda.

6. Any Activity in the Faculty involving innovation in Teaching/Research

Saturday Theatre:

(i) As a part of practical training to the Students, the Department of Dramatics implemented a Scheme of Satur Theatre in June, 1983. The main aim is to develop the performing skill in the students. The students themselves select, direct and present various plays under this Scheme. The following plays were performed under the Satur Theatre Scheme this year.
California Suit, Baki Itihas, Manas Ni Bhavai, Purush, Aapny to Bhai Evun, Mrityu Daan, Kahe Koyal Shore Machaye, Kamla.

(ii) The Students of Satur Theatre, Department of Dramatics participated in All Gujarat full length play competition held by Sangeet Natak Academy this year and presented Purush. The play had won Shri Jaishankar Sundri Award of best Play and the Director Vivek Shinde, student of M.Mus. won the best directors prize. Shri Hemant Parekh, Kum. Shailja Vora and Kum. Swapna Waghmare—all the students of Dramatics won best artist prizes.

(iii) The Students of Satur Theatre, Department of Dramatics participated in All India One Act Play competition organised by All India Artist Association Simla and won Balraj Sahani Award of Best One Act Play. Mr. Vivek Shinde lifted the first prizes for best Direction and Best Make-up.

7. Any Programme of the Faculty for the benefit of the Community

Chavla A. P.

(i) Gave training to 45 Backward Class Students on " Bhulka Bhavan Charter Day Programme " to Harijanwas, Bhutdizampa, Baroda from 5-9-1984 to 15-9-1984 and prepared one act play and gave performance on 15-9-1984 at Mahatma Gandhinagar Gruh, Baroda.

(ii) Gave Mime training to 35 students of M.E.S. High School, Yakutpura, Baroda and collected Rs. 1,805-75 Paise from the benefit of Gas Victom of Bhopal.

8. Any Activity of Academic/Social significance organised in or by the Faculty not included under previous items

The Faculty of Performing Arts Student's Association arranged a Musical Recital of Shri Shiv Kumar Sharma (Santoor) and Shri Zakir Hussain (Tabla) in the Darbar Hall, Baroda on Tuesday the 29th January, 1985 at 9-00 p.m.

CHAPTER XIX

FACULTY OF MANAGEMENT STUDIES

FACULTY OF

MANAGEMENT STUDIES

SANT JAGDISH INSTITUTE OF MANAGEMENT

CHAPTER XIX

The Faculty of Management Studies was established by the Senate of the M. S. University in 1984. (initially it was instituted as a school of Management Studies and Research). This was a major step in more senses than one: it fulfilled a long felt need for management education in Baroda, it filled a lacuna in the University, it opened a new chapter in the annals of the history of the M. S University.

The Faculty was inaugurated by Shri B. K. Nehru, Governor of Gujarat State on 16-7-1984. At present the Faculty conducts a two-year full-time non-residential M.B.A. Programme ; there are plans for expansion both in terms of extending teaching and research programmes.

The Faculty admits annually 30 students at present, from all over the country who are selected through a process of written test, group discussions and personality test.

When the full complement of teaching and supportive staff is appointed, there would be 5 Professors, 6 Readers, 7 Lecturers and about 15 members on the establishment side for which assistance is sought from the U.G.C. At present there is a provision for 5 Professors, 2 Lecturers and 4 administrative staff.

M.B.A. is a four-semester programme of two-years through which the students offer 24 to 26 courses in functional and elective areas. The students have also to do project work for 6 to 8 weeks in industry. The placement cell is being organised for the summer Project work as well as final placement.

1. Courses of Studies

First Semester :

—Management Concepts and Organisational Behaviour

—Managerial Economics

—Quantitative Methods

—Financial and Cost Accounting

—Human Resource Management
—Marketing Management
—Business Environment and Business Law

Second Semester :

—Financial Management
— Management Accounting
—Organisational Development
—Marketing Management
—Operations Research and Systems Modelling
—Production Management
—Management Information System

Third Semester (Compulsory) :

—Business Policy
—Tax Laws

Five Electives from the area of Specialization :

Behavioural Sciences
Accountancy and Financial Management
Personnel Management
Marketing Management
Production and Operations Management
Small Business and Entrepreneurial Development
Management of International Business

Area I : Behavioural Science

—Leadership and Inter-Personal Dynamics
—Industrial Psychology
—Action Research and Organisation
—Ergonomics

Area II : Accounting and Financial Management

—Corporate Tax Management
—International Accounting
— Project Management
—Security Analysis and Portfolio Management
—Changing Prices and Financial Decisions
—Indian Financial System
—Management Control Systems
—Marketing Finance

Area III : Personnel Management :

Advanced Personnel Management
—Industrial Relations and Labour Economics
—Labour Legislation in India
—Wage and Salary Administration
—Comparative Industrial Relations

Area IV : Marketing Management :

—Consumer Behaviour
—Advertising Management
—Marketing Research
—International Marketing
—Sales Forces Management
—Retalling
—Industrial Marketing

Area V : Production and Operations Management :

—Production Planning and Control
—System Simulation
—Industrial Engineering
—Materials & Maintenance Management
—Operations Research
—Transportation Models
—Econometric Approach to Decision Making

Area VI : Small Business and Entrepreneurial Development :

—Entrepreneurial Development
—New Enterprise Management
—Small Business Management
—Marketing and Export Promotion of Small Business
—Management of Rural Resources
—Institutional Management
—Public Systems Management

Area VII : Management of International Business :

—International Business Environment
—Foreign Trade and Policy
—Management of International Business Operations

—International Marketing

—International Financial Management

—International Accounting

Fourth Semester

Public Enterprise Management

—Project Study

—Viva-Voce

2. Published Articles/Papers

Name/s	*Title*	*Name of the Journal wherein published with date of publication*
1. Srikantiah S.	"Can we build viable Industrial relations"	Management Review —1984.
2. Singh Indrasen	(i) "Influence of intimacy on Meaning System"	Perceptives in Psychological Research, April 1984.
	(ii) "A Developmental Study of knowledge about human Anatomy"	Perceptives in Psychological Research, April, 1984

3. Published Books and Monographs

Name of the Author/s	*Title of the Book*	*Name of the published Journal with date of publication*
1. Srikantiah S. & Shah K. R.	"Education, Earnings & Income Distribution"	Criterion Publication, New Delhi, 1984.
2. Srikantiah S.	"A report on : The Need based Minimum wages for Government Employees"	*Monograph* Submitted to the IIIrd Gujarat Pay Commission April 1984.
3. Maheshwari G. C.	Two articles : "An Enquiry into theoretical Foundations of CCA" and "Corporate Social Reporting in India".	In the book "The Studies in Accounting Theory" Editor : P. K. Gosh, Wiley Eastern Ltd., New Delhi, 1985.

4. Papers presented at Professional Level Seminars, Conferences, etc.

Name of the Teacher	*Theme, Organisor's Name, Place & Dates of the Conference/Seminar*	*Title of the Paper*
Maheshwari G. C.	The XV Conference hosted by Deptt. of Management Studies, Madhurai, Kamaraj University from December 17 and 18, 1984.	Performance of PEs some methodological issues.

5. National and International Awards and Distinctions

Name of the Recipient Teacher/ Non-Teacher/Student	*Awards and Distinctions, Distribution af the Award*
Teacher	
Prof. S. Srikantiah	Nominated to receive the Platinum Jubilee Award for the distinguished Alumini of Indian Institute of Science, Bangalore.

6. Visitors

Name	*Designation*	*Date Duration of the Visit*
1. Shri B. K. Nehru	Governor of Gujarat	16-7-1984
2. Dr. Bhal J. Bhatt	Director, International Business Institute, the University of Toledo, USA.	8-9-1984
3. Prof. Narayan Sheth	Director, Indian Institute of Management, Ahmedabad	14-9-1984
4. Prof. B. C. Tandon	Professor, Faculty of Management Studies, Delhi	9 to 11-10-84
5. Prof. A. L. Nagar	Director, Delhi School of Business Economics, Delhi University	7 to 9-1-85
6. Miss Kamini Desai	Pensylvania State University, USA	21, 22-2-85

7. Activity in the Faculty involving innovation in teaching/research

The Faculty of Management Studies began to function in 1984. New Courses have been designed, new methods of teaching—like case method, business games, role play creativity programmes, seminars, etc.—are introduced. Innovations continue.

8. Programme of the Faculty for the benefit of the Community

(A) Professor S. Srikantiah is actively associated with the Trusteeship Foundation in guiding aspiring young enterpreneures in organising industrial units on new lines of Trusteeship concept.

(B) *Scholarships and facilities for Students :*

(1) Professor B. C. Parekh, Ex-Vice-Chancellor brought a donation from Gujarat Samachar (England) for four-five Scholarships in the Faculty.

The Indian Petrochemicals Corporation Limited, Baroda, donated Rs. 25,000/- (Twenty five thousand only) to the Faculty to subscribe for professional journals and periodicals for a period of two years. Shri Hasmukhbhai S. Shah, Director (Marketing) Indian Petrochemicals Corporation Limited took the initiative in this matter.

(2) **National Merit Scholarships**

(i) Shri Ram Bharat Ramamurthy, and (ii) Shri Lokhandwala Ubey Firoz, both of 1st Year M. B. A. have been awarded the National Merit Scholarship on the basis of their degree examinations.

(3) (i) *Students Participation*

Shri Taher Khairulla of the 1st M. B. A. has been awarded IInd Prize for English Debate Competition organised by the M. S. University Union on 29th December, 1984, and was selected for Inter-University Debate Com-petition at Aligarh.

(ii) The students have takena ctive part in the development programme of the Faculty. Miss Preeti Peshih of M. B. A., a Fine Arts Graduate designed the Faculty Summer Placement Folder,

9. Activity of academic/social significance organised in or by the Faculty not included under previous items

(a) Talks on "Trusteeship philosophy in practice" by Shri Govindrao Deshpande and Shri Arvind Deshpande.

(b) A Talk on "Delays in Government" by Shri L. P. Singh, I. C. S. (Retd.) in collaboration with Baroda Management Association, Baroda.

CHAPTER XX

BARODA SANSKRIT MAHAVIDYALAYA

CHAPTER XX

1. Published Articles/Papers

Name/s	*Title*	*Name of the Journal wherein published with date of publication*
Shukla N. C.	आरोग्यं भाज्करादिच्छेत्	Janmabhumi Panchang Bombay—Samvat 2041

2. National and International Awards and Distinctions

Name of the Recipient Teacher/ Non-Teacher/Student	*Description of the Award*
(1) Shukla U. H.	Shuddhadvait—Bhushan
(2) Patel C. P.	Akhil-Bharatiya Shuddhadvait Maha Sabha

3. Faculty Publications

Name of the Journal	*Name of the Editors*	*Periodicity of Publication*
Surbharati	1. Pandya B. P. 2. Pathak J. R. 3. Prakashkar V. B. 4. Joshi L. M. 5. Vyas V. B. 6. Joshi R. J. 7. Mehta S. K.	Yearly (1984-85)

4. Any Program of the Faculty for the benefit of the Community

Social Communication Classes :

(1) Shukla N. C.	Jyotish-Shastra
(2) Joshi L. M.	Palmistry
(3) Rakhe G. A.	Rug-Ved Yagniki
(4) Pathak A. S.	Shukla-Yajurved Yagniki
(5) Purohit K. J.	Gita
(6) Swadhyaya Mandal	Swadhyaya

CHAPTER XXI

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

CHAPTER XXI

1. Published Articles/Papers

Name	*Title*	*Name of the Journal wherein published with date of Publication*
(1) Joneja Omprakash	(i) Colonial Consciousness in Margaret Laurences African fiction	Abegweit Review Canada, Literary Criticism Special Number, 1984.
	(ii) Images of society in *Indian Fiction in* English an African Perspective	*English Studies in India*, University of Kashmir, 1984.
(2) Dalal Katayun and Vanikar R. V. etc.	(i) What do we need Language for : A report onl anguage need of first-year students at M. S. University of Baroda	Journal of English Language teaching, December, 1984.

2. Papers Presented at Professional Level Seminars, Conferences etc.

Name of the Teacher	*Theme, Organisor's name, Place and Dates of the Conference/ Seminar*	*Title of the Paper*
(1) Joneja Omprakash	(i) Workshop on Commonwealth Literature at Literary Criterion Center, Mysore, 15-30 May, 1984	"The colonial Consciousness of a chield in wole *Soejinka's Ake*".
	(ii) National Seminar on Images of Society in Literature, at University of Kashmir, October, 18-12-1984.	"Images of Society in Indian Fiction an African Perspective".

Name of Teacher	*Theme, Organisor's Name, Place and Dates of Conference/ Seminar*	*Title of the Paper*
	(iii) All Indian English Teacher's Conference at University of Poona, December, 1-3-1984.	"India in two Canadian Novels".
	(iv) International Seminar on Canadian Studies M. S. Uni. of Baroda, Feb. 18-20, 1985.	"Canadian Studies in India".

3. Participation in Professional Programme, Workshops, Schools etc.

Name of the Teacher	*Programme, Place and Date*	*Capacity in which Participated*
(1) Joneja Omprakash	(i) Seminar on Semioties sponsered by British Council and M. S. Uni. of Baroda, December, 1984.	Participant
(2) Dalal Katayu P.	(i) Seminar on Semioties sponsored by British Council and M. S. Uni. of Baroda, December, 1984.	Participant
	(ii) Workshop for Teachers of English School of Languages, Gujarat University, January, 1985.	Participant
	(iii) International Seminar on Canadian studies, M. S. Uni. of Baroda, Feb., 18-20, 1985.	Participant
(3) Anandkat Nalin K.	Indian Oceans as an Observer, at Delhi on Feb., 22, 1985.	Participant
(4) Shah Rajnikant R.	Business and Geography at Baroda, 4th to 7th Feb., 1985.	Participant
(5) Patel Mahendra A.	A study of Hari Bhakti Records, states and Business in Urban Gujarat, Ahmedabad 12th to 14th Nov., 1984.	Participant
(6) Purandare Vasundhara M.	Human Resources Development at Baroda, 18th to 20th Feb., 1985. (National Level)	Participant
(7) Sylvaster S. P.	International seminar on Canadian studies, M. S. Uni. of Baroda, Feb. 18-20, 1985.	Participant
(8) Bhati K. K.	International seminar on Canadian studies, M. S. Uni. of Baroda, Feb., 18-20, 1985.	Participant

4. College Library

The College has a separate Library. It received a grant of Rs. 8,000/- for Books and Periodicals and Rs. 1,000/- for Binding charges from the University.

The Reading Room of the Library has sitting accommodation for 60 students. During the College Test and Annual Examinations, the extra seats are provided in the Reading Room premises. Working hours of the Library are from 8-00 a.m. to 5-30 p.m. on all working days and from 8-00 a.m. to 3-00 p.m. on Saturday. During Examination Session (College Tests also) facilities for reading are provided from 8-00 a.m. to 8-00 p.m. daily even on Sunday and Holidays.

The following are the figures showing an average daily attendance in the Reading Room and Circulation Books :

1. Average number of students making use of the Library and/or Reading Room daily.....	105
2. Average number of teachers making use of the Library and/or the Reading Room daily.....	16
3. Total number of books issued to teachers during the year.....	3598
4. Total number of Books issued to students during the year.....	4505
5. Total number of students registered as a member of Library during the year.....	1051

The following are the figures showing the stock and expenditure on the Library/Reading Room :—

Sr.No.	*Particulars*	*Numbers*	*Cost in Rs.*
1.	Books (including back numbers of Journals) as on 1-4-1984.	10,942	1,67,186-10
2.	Books written off during the year	Nil	Nil
3.	Books added during the year	155	4,894-03
4.	Books as on 31-3-1985	11,097	1,72,080-13
5.	Journals subscribed to during the year	31	3,001-30
6.	Amount spent on binding during the year	Nil	Nil
7.	Total amount spent for Library and/or Reading Room during the year	—	7,895-33

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CHAPTER XXII

POLYTECHNIC

CHAPTER XXII

1. Papers presented at Professional Level Seminars, Conferences etc.

Name of the Teacher	*Theme, Organisor's name, Place and Dates of the Conference/ Seminars*	*Title of the Paper*
Oza K. T.	IIChe at IPCL on 3rd March, 1985. Hazards in Chemical Industry	Hazard Prevention Bio-degradation of Taxic Cyanide Waste.

2. Participation in Professional Programme, Workshops, Summer Schools etc.

Name of the Teachers	*Programme, Place and Date*	*Capacity in which participated*
Surana N. M., Oza K. T., Shah R. J., Patel M. I. and Gadhavi S. J.	Winter School on Bio-Technology at Faculty of Technology and Engineering, 1984.	Participants

3. Any Programme of the Faculty for the benefit of the Community

Short term course on Plastic Processing sponsored by Department of Continuing/Adult Education was conducted by Depatrtment of Petrochemicals, during May 1984.

CHAPTER XXIII (A)

CENTRE FOR CONTINUING/ADULT EDUCATION AND COMMUNITY SERVICES

CHAPTER XXIII (A)

The Courses conducted by the Centre for Continuing/Adult Education and Community Services are of a special nature, to meet the specialised needs of a definite section or level of the population. These courses are essentially knowledge based besides they help in the development of skills and abilities and the meaningful and productive use of leisure time.

The Centre offered a variety of courses this year. These Summer Courses were run with the help of existing teaching personnel from the different faculties and some prominent industries of Baroda. More than 400 men and women enrolled for the various courses offered. The participants ranged from the age groups of 15 to 50 and all were immensely satisfied with what they learnt. As usual co-operation of all faculties and institutions of the M. S. University was obtained during implementation of the Summer Courses.

Apart from the regular courses offered three new courses were designed and conducted very successfully. Thus the response for these courses was good. These courses were :

(i) Documentation and Information Centre.

(ii) Automobile Engineering and Techniques.

(iii) Repair and Maintenance of Two Wheelers.

List of other Courses Offered by the Centre

Sr. No.	*Name of the Course*	*Participants*		
		Men	*Women*	*Total*
1.	Computer Language Fortan IV	19	01	20
2.	Computer Language Basic	8	8	16
3.	Computer Language Cobol	12	2	14
4.	Introduction to Microprocessor and peripheral devices	9	4	13
5.	Plastic Processing	12	—	12
6.	Automobile Engineering and Techniques	16	—	16

Sr. No.	*Name of the Course*	*Participants*		
		Men	*Women*	*Total*
7.	Repair and Maintenance of two wheelers	16	—	16
8.	Documentation and Information Centre	2	13	15
9.	Introduction to Journalism	3	4	7
10.	Office Management	11	2	13
11.	Indian Hand Embroidary	—	10	10
12.	Dress Making	—	24	24
13.	Painting for beginners	8	4	12
14.	Screen Printing	11	—	11
15.	Batik on Textile	3	5	8
16.	Fancy Cookery	—	29	29
17.	Food Preservation	—	9	9
18.	Interior Decoration	16	26	42
19.	Photography for beginners	23	02	25
20.	English Improvement	9	11	20
21.	Sales Tax and Income-Tax	13	—	13
22.	Beauty Care	—	14	14
23.	Bal Geet	8	5	13
24.	Shastriya Swar Sangeet	3	4	7
25.	Sugam Sangeet	4	6	10
		219	200	419

Some of the above mentioned courses were extremely successful and attracted a large number of participants.

The Centre has also started 15 Adult Education Centres in the city slums and 6 more Centres will start functioning by the first week of August. During this Summer the Centre also conducted various community courses on various educative topics in the city slums. About 15 such courses were conducted in the city in collaboration with ICDS personnel of the Baroda Municipal Corporation.

The following long term courses were conducted by the Centre during 1984-85:

Sr. No.	*Name of the Course*	*No. of Participants*		
		Male	*Female*	*Total*
1.	Post-graduate Course in Industrial Management	23	4	27
2.	Post-graduate Course in Marketing Management	52	2	54
3.	Certificate Course in Industrial Purchasing and Materials Management	117	1	118
4.	Certificate Course in Hotel Management	—	—	—
5.	Certificate Course in Interior Decoration	26	27	53

2. Participation in Professional Programmes, Workshops, Seminars, etc. on Continuing/Education all over the country, These were

Name of the Teacher	*Programme, Place and Date*	*Capacity in which participated*
1. Chakraborti M.	(i) Seminar at Nagpur from 25th-28th April, 1984.	(i) Paper presented on "Activities of Continuing/ Adult Education Centre of M. S. University".
		(ii) Chairperson in the afternoon session on 28th April, 1984.
	(ii) Seminar at New Delhi from 26th to 27th May, 1984, on "National Education Policy".	Participant
	(iii) Seminar on Population Education at Goa from 7th to 10th June, 1984.	Served as resource person.
	(iv) 37th All India Conference on Adult Education at Banaras Hindu University, Banaras from 16th-19th Oct., 1984	Participant
	(v) Seminar on Population Education in Universities and Colleges in New Delhi, from 13th-16th December, 1984.	Participant
	(vi) Seminar on Non-formal Education for women, and the settlement of financial accounts	Participant

Name of the Teacher	*Programme, Place and Date*	*Capacity in which participated*
	with UGC in New Delhi on 31st January, 1985.	
2. Karkare Sunil	(i) Delivered lectures at the Anganwadi workers training centre at Vallabh Vidyanagar.	
	(ii) Delivered lectures at Panchayati Raj Training, Centre at Samiala.	

CHAPTER XXIII (B)

I. A. S. TRAINING CENTRE

CHAPTER XXIII (B)

The Centre ran following three parallel training Programmes during the period under this report :

1. Training for Under-graduates

'Catch Them Young' 50 under-graduates from this University were given Leotures and information about the Civil Services Examination.

2. Training for Preliminary Examination 1985

25 trainees were selected for this Programme initially. About 10 more trainees were admitted to the Programme in the course of the year.

3. Training for Main Examination 1984

12 trainees of the Centre who had cleared the Preliminary Examination held in June, 1984 were trained for the Main Examination held in November, 1984. 6 of these were successful in it. They were called for interview at the UPSC, Delhi, in March-April, 1985. Mr. Dalpat Singh, one of these trainees, has been finally selected for I.A.S. Cadre. He is the first trainee of our Centre to be selected in I.A.S.

CHAPTER XXIII (C)

COMPUTER CENTRE

CHAPTER XXIII (C)

During the year under review the Computer Centre completed five years of its establishment. The Centre has maintained best possible efforts for the development activities. Two more courses in COBOL and FORTRAN IV Programming language were conducted. Around 40 Participants were admitted to each course. These courses were run on a self reliant basis. The Centre is planning to establish regular courses of this nature. However, it should be noted that the appropriate facilities like class-room, practical equipment, microprocessors etc., are yet to be established. With a view to establish a small library at the Centre few books are procured.

The salary system for computerized pay-roll preparation covers almost more than half on the University. However, as envisaged in the previous report the provision for proposed salary cell at the university level is yet to be made. Thereafter, it is expected that the entire university may be covered with less difficulties.

It may be mentioned that inspite of much variety and several different types of marksheets for our final examinations, the Centre has been able to provide computer printed marksheets for Final Year Examinations like B.A., B.Sc., B.Com., B.E. etc. for the first time for April 1984 and October 1984 examinations.

It is a matter of pleasure for us to note that the Centre developed the system of computerized marksheets on its own without any external help. Further the Centre also plans to develop computer systems to cover more and more areas concerning examinations and other administrative functions of the University.

During the year under review, increasing number of students availed of the facilities of Computer Centre. More than 50 research scholars from various disciplines like Home Science, Education & Psychology, CASE, Arts and Commerce utilised our computer facilities for their work. Around 300 students from various courses of Diploma in Computer Application, Diploma in Operations Research, B.E., M.E., B.Sc., M.Sc., etc. have utilized out Computer for their projects, disserations etc.

It is expected that more and more students will make use of computer facilities at the Centre as the Centre is trying to extend all possible services to academic community of University.

CHAPTER XXIII (D)

HEALTH CENTRE

CHAPTER XXIII (D)

During the year 1984-85, the staff members at the Health Centre were one full time Medical Officer, two Part-time Doctors, one Compounder, Nurse, Sanitary Inspector, Clerk, Lab-Cum-X-Ray Technician and three Hamal-cum-Sweepers. The teaching and the non-teaching employees alongwith their certified dependents were also given the benefits of free medical services at the Government dispensaries, Jamnabai Hospital, S.S.G. Hospital and I.D. Hospital, Baroda. The special 'Counselling-cum-Health Care Scheme' at the dorr steps of the Hostels was also operative for the benefit of residents in the Halls of Residence.

The Health Centre provided general and preliminary Health Centre Care to the University Students, Staff members and their dependents. Now the benefit of free medical facilities are also available to the Mess servants, Watchmen and other maid servants. All the mess-servants in the University Halls of Residence were given a course of Wormicidal drugs.

The Health Centre provided over and above free medical treatment, the facility of Laboratory investigations like Hb%, total and differential count, Peripheral smear Malarial parasite, Sputum examination for tubercle bacilli, routine Urine and Stool examination. The process is also on the extend the facility of Blood Chemical Analysis for assessment of Diabetes and renal-function studies. The fluroscopic investigation facility was also available. The facility of Mass-Minia-ture Radiography (MMR) is also made available with the Co-operation of District T.B. Centre, at the S.S.G. Hospital, Baroda to the University employees. The facilities of infra red lamp, I.V. Therapy, Oxygen therapy, Hot-Water Bag, Ice-Bag, Bad Pans, Urine pots etc. were also given even for domestic use. During this year the addition of costly drugs like higher antibiotics, anti-tubercular drugs and anti-hypertensive was also made in the list of drugs dispensed at the Health Centre.

The services of certificates for Physical Fitness for University services, N.C.C. Training Campus, for admission in different faculties were also given during the year. The members of the Medical Examination Board for the year were Dr. P.M.

Luhar, Dr. R. C. Desai and Dr. Bipin V. Shah, 41 teaching and 45 non-teaching employees were given pre-employment check-up during the year 1984-85.

The compulsory Medical Check-up including Mass-Miniature Radiography and Urine examination was conducted for all the new entrant students of the University by a Board of 14 experts in different specialities at the S.S.G. Hospital, Baroda. 4648 students were examined and 1737 students were advised the follow-up treatment for different ailments they were suffering from.

The total attendance of the patients at the Health Centre during the year was 32,700 (The number of employees and their dependents was 27,900 and then number of students was 4,800 the average per day 110.1).

The total number of different laboratory Investigation was 2302.

The total expenditure for medicine was Rs. 1,09,591-34 during the year The amount of re-imbursement of medical expenses to the University employees, includigng the special allowance to patients suffering from Tuberculosis and Cancer was Rs. 30,000/- during the year.

The facility of monthly medical allowance of Rs. 30/- p.m. was also available to the University employees like the State Government Employees. The efforts are also in progress to introduce the indoor facilities with the expansion of the Health Centre in area of the staff members.

CHAPTER XXIV

SHRIMATI HANSA MEHTA LIBRARY

SMT. HANSA MEHTA LIBRARY
(UNIVERSITY LIBRARY)

CHAPTER XXIV

1. Order Section

Acquisition Notes:

(a) *Books :*

The grants sanctioned by the University Grants Commission for purchase of books and journals for the University Library and the individual Departments of various Faculties during the 6th Plan period have been fully utilized by the end of the Plan period i.e. 31st March, 1985.

There have beensome noteworthy additions during the year viz. Science and Technology Illustrated, the World Around Us, Vols. 1-28, 1984, The Despatches, Minutes and Correspondence of Marquess Wellesley during his Administration in India by Robert Montogomery Martin, 5 Vols. 1984, Science and Technology in Medieval India, a Bibliography of Source Material in Sanskrit, Arabic and Persian, by A. Rahman and others, The Olympic Games, Athens 1896 to Los Angeles 1984, ed. by Peter Arnold, 1983, India an Encyclopedia Survey, ed. by P. N. Chopra 1984, Political, Legal and Military History of India, ed. by H. S. Bhatia, 5 Vols. 1983, Elections in India, Data Handbook on Lok Sabha Elections, 1952-80, Comp. by V. B. Singh and S. Bose, 1984, India since Independence, Chronology of Events, 1947-1982, 7 Vols. Eminent Indians: who was who 1900-1980, 1985, Sports Medicine by R. H. Strauss, 1984 Viv Richards, The Authorised Biography, by T. McDonald, 1984.

The number of acquisitions in various institutions of the University is as follows :

	Institution	*Number of Books*
1.	Smt. Hansa Mehta Library (which includes books for the Faculties of Arts, Science, Education and Psychology, Commerce, Law, Home Science, the Centre for Continuing/ Adult Education and Community Services and Management Studies)	12,664

	Institution	Number of Books
2.	Faculty of Technology and Engineering	2,647
3.	Faculty of Fine Arts	488
4.	Faculty of Performing Arts	113
5.	Oriental Institute (Printed Section)	941
6.	Polytechnic	778
7.	Sanskrit Mahavidyalaya	572
8.	Centre of Advanced Study in Education	117
9.	M. K. Amin Arts and Science College and College of Commerce, Padra	155
10.	Faculty of Social Work	427
		18,902

Out of these 876 were received as Gift.

The following statement gives the details of the books stock of Smt. Hansa Mehta Library during the year :

	Books	Bound Vols. of Periodicals	Manus-cripts	Maps, Charts etc.	Total in Rs. P.
1. Number at the beginning of year	3,13,028	52,656	251	1221	1,33,10,959-52
2. Number added during the year	12,664	1,340	—	62	17,93,352-70
3. Number with-drawn from the records	—	—	—	—	—
4. Number remaining at the end of the year	3,25,692	53,996	251	1283	1,51,04,312-22

(b) *Periodicals*

The total number of periodicals and scholarly journals subscribed to was 700 and 1340 volumes of bound periodicals were added to the stock.

2. Cataloguing Section

(A) Books Classified and Catalogued during the year:

(i) New accession to University Library	12,664
(ii) New accession to Faculty Libraries	6,238
Total	18,902

(B) Bound periodicals catalogued and classified 1,340

(C) Other details of the work of the section incidental to the above area are as follows :

	For University Library	For Faculty Libraries	Total
(i) Cards typed	38,092	31,190	69,282
(ii) Card field in the catalogue	38,092	31,190	69,282

3. Circulation Section

As usual the working hours of the Library for the whole academic year i.e. from April, 1984 to February, 1985 (except May-June, 1984 and March, 1985) were kept from 8-00 a.m. to 10-00 p.m. including Sundays and Holidays. In the months of May and June, 1984, the Library remained open from 11-00 a.m. to 5-30 p.m. on week days and 11-00 a.m. to 3-00 p.m. on Saturdays.

As the schedule of all the final Examinations was postponed due to anti-reservation agitation in the State, the Library hours for the month of March were restricted to 11-00 a.m. to 5-30 p.m. on all week days and 11-00 a.m. to 3-00 p.m. on all Saturdays, closed on Sundays and Holidays.

The number of readers registered in the various catagories was as follows:

1. Post-Graduate Students	4,849
2. Under-Graduate Students	5,005
3. Research Scholars, Research Assistants, Ph.D. Students etc.	198
4. University Teachers	602
5. Others	116
Total	10,770

The statistics of the use of the Library are as under :

1. Daily average number of readers visiting the Library	2,500
2. Total Number of books issued per day for reading :	1,116
(a) Average number of books issued per day for home reading from General Collection	207
(b) Average number of books issued per day from Curricular Collection	609
(c) Average number of books issued per day from stacks	131
(d) Average number of books issued per day from Curricular collection of the New Library	169
	1116
3. Average number of Books issued per reader in the year	28

4. Reference Section

(i) *Reference Service to Readers :*

Reference Service has been playing an important role in the academic life of the University. The Reference Section conducted number of activities such as answering queries of readers personally by correspondence and on phone, providing guidance to students and teachers for the better use of Library's resources etc.

(ii) *Orientation Programme :*

In the beginning of the academic session, the reference section conducted an orientation programme intended to familiarize the new entrants to the working of the various sections of the Library and the various practices and procedures followed by the Library as well as the arrangement of books on the shelves. Other technical devices were also explained to them so that they would be able to make the best use of the library and help themselves in finding out the requisite materials.

(iii) *Exhibitions :*

From time to time the Reference section puts up exhibitions of books and other reading materials on different topics suited to the occasion.

Weekly Exhibition :

Selected new books were displayed every week in the University Library.

(iv) *Bibliographical Activity :*

Bibliographies on the following topics were compiled during the period :

(i) Books on Mythology in Smt. Hansa Mehta Library.

(ii) Unpublished documents (Dissertations and Ph.D. theses) on Women's Development experience in India.

(iii) Literature published on Surat District.

(v) *UNESCO Information Centre :*

To popularise the activities of the UNO and UNESCO, a separate UNESCO Centre has been set-up in the Reference Section.

(vi) *The National Library Week :*

In response to the appeal of Indian Library Association, the [Libra celebrated the Seventeenth Library Week.

(vii) *Theses and Dissertations* :

(1) During the period 191 Theses and Dissertations were added to the collection of 4,713 bringing the total collection to 4,904.

(2) During the period 1,208 readers consulted the theses and Dissertations.

(3) A descriptive list of Ph.D. Theses received in the Library from January, 1984 to December, 1984 was published.

(viii) *Reference Material* :

During the period 1,309 readers consulted the reference books and other reference materials.

(ix) *Pamphlets Collection :*

The reference section has a sizable collection of pamphlets. The following statement gives the details of pamphlets collection in the Library :

1.	Number at the beginning of the year	19,143
2.	Number added during the year	560
3.	Number withdrawn from the record	435
4.	Number remaining at the end of the year	19,268

SIR SAYAJIRAO MEMORIAL TRUST LIBRARY

1.	Daily average number of readers visiting the New Library	3,143
2.	Average number of books issued per day from curricular collection	169
3.	Total number of Text-books in this Library	1,600

CHAPTER XXV

THE M. S. UNIVERSITY OF BARODA PRESS

CHAPTER XXV

1. Staff :

During the year, the Staff of the Press consisted of a Manager, a Deputy Manager, a Assistant Manager, a Head Clerk (Accounts and Stores), a Clerk, one Head Proof-Reader, one Jr. Proof-Reader and a Copy Holder. There are 42 permanent workers in the Press.

2. Machinery :

The Press has machinery worth Rs. 2,68,630/- including machinery worth Rs. 1,19,350/- purchased from the grant of the University Grants Commission.

3. Printing Activities :

During the year 1026 plus stencils 1833 examination papers were printed under conditions of secrecy for the University Examination. Main Answer book of the University Examination and test Answer book of different Faculties and Institutions. The Press also printed Syndicate and Senate proceedings, details of Establishment Annual Accounts, Annual Report, Budget Estimates, Questionnaires, Magazines, Pamphlets, Certificates, General Forms/Prospectus, etc. of the Faculties and Institutions. The University Press works purely as a service department of the University since April 1967.

(a) The following is the list of books printed by the Press during the year :

	Name of the Book	*Publishers*
1.	Evaluation of the National Adult Education Programme in seven Districts of Gujarat 1978-1980.	Centre of Advanced Study in Education.
2.	Studies in Trade and Urbanisation in W. India Department of Special Assistance.	Department of History.
3.	Hand Book for Urban Non-Federal Education Instructors.	Faculty of Home Science.

4.	Khanpur Experiment in Extension	Department of Home Science Education and Extension, Faculty of Home Science.
5.	વૈષ્ણવતીર્થ ડાકોર	Oriental Institute
6.	શ્રી સમર્થ રામદાસ	Oriental Institute
7.	વૃદ્ધત્રયી અને લઘુત્રયી	Oriental Institute
8.	Annual Report	M. S. University of Baroda
9.	Diary 1985	Stationery Unit
10.	પોષણ સ્વાસ્થ્ય પર્યાવરણ	NCERT Pilot Scheme Department of Foods and Nutrition.

4. The following Journals were printed during the year :

1. The Journal of M. S. University of Baroda
2. The Journal of Oriental Institute
3. The Journal of Animal Morphology and Physiology (Half Yearly)
4 Swadhyaya (Quarterly)
5. PAVO (Half Yearly)
6. Studies in Museology (Yearly)
7. Baroda Journal of Nutrition (Yearly)
8. Social Work Review (Yearly)
9. Surbharti (Yearly)
10. M.S.U. News.

5. University Stationery Unit :

This Unit is 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 the University office. The Unit consists of a Senior Clerk, Clerk, and One Rickshaw Driver-cum-Stationery distributor, One Helper and One Pagi. During the year under report, the stationery articles worth Rs. 8,53,614-93 were purchased and stationery articles worth Rs. 9,54,043-90 were distributed.

6. University Publication Sales Unit :

This Unit is under the control and supervision of the University Press Manager. The Unit consists of a Senior Clerk, Clerk and one Outdoor Work Assistant/Attender. It is working as a book-shop for University Publications. The total Sales during the year was Rs. 57,366-31.

CHAPTER XXVI

THE M. S. UNIVERSITY UNION

CHAPTER XXVI

The M. S. University Union is a corporate body of the students and teachers of the M. S. University for promoting sports, cultural and Welfare activities on the campus.

1. The Executive Committee :

The Union Executive Committee for the year 1984-85 consisted of the following :

President—Dr. R. K. Parlikar; Treasurer—Shri H. R. Desai, Vice-President—Shri Pankaj J. Kharchikar; General Secretary—Shri Sanjay Parekh; Film Club—Shri Jaiswal P. A. (Convener), Shri S. B. Singh, Shri P. N. Bhatt, Shri B. M. Doshi; Indoor Game—Shri Monal L. Shah (Convener), Shri Abu K. Vora, Shri M. T. Patel, Shri N. H. Dave; Hiking Club—Shri Praful N. Patel (Convener), Shri J. N. Mahant, Shri P. Y. Mehta; Badminton—Shri Samir U. Patel (Convener), Shri M. C. Modi, Shri A. H. Shukla; Entertainment—Shri Vivek V. Shinde (Convener), Shri B. N. Patel, Shri H. R. Sheth, Shri V. K. Desai; Public Relation—Shri Suresh P. Rajput (Convener), Shri P. J. Patel, Shri H. R. Joshi; Emester—Shri Shailesh K. Mehta (Convener), Shri P. A. Joseph, Shri P. S. Patel, Shri J. C. Parmar; Campus Beautification—Shri Ajaykumar H. Pradhan (Convener), Shri B. G. Patel, Shri G. K. Rajput; Debates and UNO—Shri Shirish R. Kulkarni (Convener), Shri A. S. Kandoi.

Nominations to the Executive Committee were made by the Syndicate but the Executive Committee members had objected to students' nomination. Hence the Patron had referred the issue to a committee whose report was awaited.

University Board of Sports :

1. Dr. R. K. Parlikar—President
2. Shri Pankaj Kharchikar—Vice-President
3. Shri Sanjay Parekh—General Secretary
4. Two Students Representative—Not nominated from the Executive Committee.

Student's Aid Fund Committee :

The Committee was not formed during the year 1984-85.

The General Election were held on Friday, the 28th September, 1984. The President under O. 126 assigned different posts to the Secretaries according to their choice. The first meeting of the Executive Committee was convened by the President on Monday, the 8th October, 1984 and the budget meeting was held on Thursday, the 18th October, 1984. The some portion of the budget was passed.

2. Union Activities :

(a) This year M. S. University Union had organised a Inter Faculty Debate, G. K. Quiz and Just-a-Minute Competition on 29th December 1984 and 7th January 1985 respectively.

(b) Individual winners had participated in Inter University Debate and other competitions held at Aligarh Muslim University Aligarh and won the following prizes:

(i) Ist Prize in English Extempore Debate and Best Lady speaker.
(ii) IInd prize in English Just-a-Minute
(iii) IIIrd prize in Dumb Charade
(iv) Presidential prize for G. K. Quiz.

(c) The Union had also organised an Essay Competition in English, Hindi and Gujarati to celebrate International Youth Year 1985.

(d) The Union has participated in State Level Drama Competition and won the following prizes :

(i) The best pay of the competition
(ii) Jai Shankar Sundari Trophy
(iii) First Prize in direction to Shri Vivek Shinde
(iv) Acting prize shared between three students.

(e) The Union has also organised a Inter Faculty Badminton Tournament on 23-2-1985. The Technology and Engineering Faculty was winner and the Faculty of Science was runner-up.

(f) The Youth Festival and Fun-Fair were planned by the Union for the year 1984-85. The Committees and Sub-Committees were also formed. But due to anti-reservation agitation at the last moment the Executive Committee decided to postpone the Youth Festival and Fun-Fair.

CHAPTER XXVII

STUDENT'S RELATED ACTIVITIES

CHAPTER XXVII

1. Halls of Residence

In the beginning of the First Term i.e. May, June, July, 1984 the Halls had to face challenge of fighting the jaundice epidemic which had taken a large toll in the State of Gujarat. The Hostels were kept clean, adequate facilities were made available to the students, boiled and filtered drinking water was supplied to the students in all the 17 Hostels. As a result there was not a single case of jaundice with the resident students in the Halls.

Admissions were given to the 2623 men students and 892 female students as shown in Appendix VI.

The University Grants Commission sanctioned building extension programmes to partially meet the student's accommodation needs. As a result the M. M. Hall (Boys' Hostel) and H. M. Hall (Girls' Hostel) have been provided with a new extension wing. The construction is in progress.

Ceiling fans have been provided out of University Grants Commission special grants to all the rooms in the Halls of Residence.

The election to the Executive Committees were held during the months of October-November-December, 1984.

The whole year however saw students' agitation and the Halls were almost closed from February, 1985 onwards.

2. National Service Scheme

Activity Report 1984-85 :

The National Service Scheme, M. S. University of Baroda is sponsored by the Government of India, Department of Youth Affairs and Sports, and Directorate of Higher Education, Government of Gujarat.

Objectives :

The major objectives of N.S.S. are to (1) involve the University youths in projects oriented to nation building and community services, such an involve-

ment exposes our youths to the problems and conditions faced by majority of our people. (2) The youths are also involved in making efforts to solve these problems which promotes the student's concern and sense of responsibility towards the fellow citizens and the Society. (3) The service projects of N.S.S. meet various needs of the community, develop the programmes of Welfare significance, build infra-structure for economic and social development and provide a unique opportunity to the student volunteers to utilize their knowledge of subjects learnt through books and teaching aids in the class-rooms, in practical situations. (4) All, this, ultimately, leads to personality enrichment of the University students helping them to become better citizens and efficient employees in future.

Organisation :

The speciality of N.S.S. Programme at Baroda is organisation of various projects on the basis of student's interests and capacities guided and supervised centrally, at the University level; rather than allotting the N.S.S. units to the colleges. In view of this situations, following staff pattern was required.

The Organisation of N.S.S. in M. S. University of Baroda, in the year 1984-85 consisted of an Hon. Director, a Programme Co-ordinator, two Field Organisers, Sixteen N.S.S. Programme Leaders, two Office Assistants and a Peon.

Activity Approach :

The Faculties/Colleges of the University were divided in to three major groups, depending upon the number of students enrolled from these institutions and the nature of their disciplines, according to which they were classified smaller Faculties and bigger faculties and professional and other faculties. In larger Faculties/Colleges having, comparatively large number of students intake, the students were given an opportunity to opt for any one of the three projects namely, (1) Institutional Service Projects, (2) Slum Improvement Projects and (3) Village Development Projects.

Enrolment :

In tune with the Government allotment, the M. S. University of Baroda could enrol 1525 student volunteers in N.S.S. for the year 1984-85, from 11 institutions of the University and the follwoing table explains the sex and faculty/college-wise distribution of student volunteers enrolled.

ENROLMENT—1984-85

	Faculty/Institution	*Male*	*Female*	*Total*
1.	Arts	35	42	77
2.	Science	28	3	31
3.	Commerce	419	365	784
4.	Medicine	54	2	56
5.	Technology & Engineering	73	6	79
6.	Polytechnic	104	—	104
7.	Home Science	—	65	65
8.	Performing Arts	28	27	55
9.	Fine Arts	14	9	23
10.	Social Work	14	1	15
11.	Padra College	159	77	236
	Total :	**928**	**597**	**1525**

Orientation and Activities :

The newly enrolled student volunteers were oriented, in detail about NSS Programmes and were allowed to choose the area of their own interest so as to enable them to associate with the activities of N.S.S.

(A) Village Development Project :—

A small village is selected in the vicinity of Baroda city, for the placement of the students, under this project. Every Sunday, a batch of students visits the village and participates in the activities, which are planned through involvement, in a meeting that proceeds the visit.

The activities are in the areas of Education, Health, Education and Care, Youth and Women Welfare and the celebration of National and Religious Festivals. The student volunteers, through their participation in the activities, get an educative exposure to the realities of rural life and the problems of the people and in turn, they help the people in identifying some of their problems and needs. Social service programmes of educational importance and seeking community's participation are organised. The emphasis, is as far as possible, given to creating durable community assets and doing socially useful productive work. Village Development Projects were launched and conducted in 3 villages namely, Kotali, Sindhrot and Panelav during the year 1984-85. The industrial houses, local self-governments and voluntary agencies manage the follow-ups. The

disturbed situations in Baroda city and consequent changes in examination schedules, have adversely affected the work; but, nevertheless, good ground work is initiated and this would facilitate specific, streamlined activities leading to better community upliftment, next year.

(B) Slum Improvement Projects :—

These projects are launched in five slums in North-East part of Baroda city, in collaboration with Urban Community Development Project of Baroda Municipal Corporation, covering a population of 80,000 people of neglected sections of the society.

The students are invloved in initiating/conducting pre-school and adult education programmes, in conducting health surveys, and health education and sanitation compaigns, in initiating and activising youth and women associations. The strategies of organising people around issues related to their development and problems, are adopted and focussed in the Project.

Play centers, recreation clubs and similar other activities are initiated and conducted for specific target groups in the slums, for achieving developmental goals. The NSS student volunteers are involved in conducting studies, thinking and planning of programmes and in real execution of the projects and efforts are directed to make the involvement of the students in the programmes, a learning experience, leading to the personality enrichment.

(C) Institutional Service Projects :—

Baroda City has a net work of Social welfare Agencies working for the welfare of groups at disadvantage. Many of these agencies have been providing an adequate institutional care and vocational training for the inmates. All these agencies, however, have been constantly feeling the need of voluntary services to conduct recreational, play centre and educational programmes for the inmates, which they cannot concentrate upon, primarily because of over burdon of work and inadequacy of staff. It has, also, been experienced that volunteers specially outsiders, relating with the inamtes of the correctional agencies, through programmes, denotes a very special meaning to the inmates. This was another, important reason, why these agencies readily welcomed the student volunteers of N.S.S. for their field work training.

The student volunteers opting to work for Institutional service are oriented about the agency functioning and they are provided an opportunity to study and understand the problems of inmates. These inmates are visually handicapped, orphans, destitues deserted and emotionally disturbed etc. Having known the problems of these special groups, the student volunteers derive greater satisfaction

from helping them, through their participation in the social service programmes. The student volunteers plan and organise play centres, recreational and creative activities, outing programmes and educational activities for the development. The visually handicapped are helped to carry out their studies by providing assistance in reading and writing and by preparing books in Braille Script.

Activities and Visits by NSS Volunteers at Social Service Agencies of Baroda :

The NSS volunteers were involved in variety of projects of Education and Social Service. The requirement of completing 120 hours of work for regular NSS Programme was completed by involving students in varied social service projects at 40 such agencies.

Special Events : 1984-85 *:*

(1) 'Ravi-Van' Project for massive Tree Plantation at Air-port Campus.
(2) A Cultural Programme on Independence Day at Air Port Lounge.
(3) Training Camp For Youth Leadership at Panelav.
(4) Sports For Blind on Republic Day at NSS Campus.
(5) Youth Rally and Youth Week Celebrations as a part of International Youth Year 1985.
(6) Participation in the Workshop Youth for Tomorrow's Families.
(7) Participation in the National Integration Camp at New Delhi.
(8) Participation in the National Seminar on Role of Voluntary Youth Organisations in IYY.
(9) Participation in the Seminar " Youth and Human Unity " at Auroville.
(10) Special Health Check-up Camps at Village Amla by Medical College Students.

3. National Cadet Corps

(i) The Annual Report covers the undermentioned NCC units affiliated to the M. S. University Baroda :
  (a) 3 Gujarat Bn NCC, Baroda
  (b) 1 Gujarat Composite Tech. Regt. NCC, Baroda.
  (c) Company, 6 Gujarat Girls Bn NCC, Surat.
  (d) 2 Gujarat Naval Unit NCC, Baroda.
  (e) 1 Gujarat Air Sqn. NCC, Baroda.
(ii) Detailed report on the activities of the above mentioned units is given in the succeeding paragraphs.
(iii) *Enrolment :* The enrolment of officers and cadets during the year was as under :

	Name of Unit	NCC Officer	NCC Cadets Authorised	Enrolled
(a)	3 Gujarat BN NCC, Baroda	4	377	377
(b)	1 Guj. Composite Tech. Regt. NCC, Baroda	2	160	132
(c)	Company, 6 Guj. Girls BN NCC, Baroda	1	240	240
(d)	2 Guj. Naval Unit NCC Baroda	2	180	180
(e)	1 Guj. Air Sqn. NCC, Baroda	1	180	180

(iv) *Training :* Training of all the units started in July, 1984 and terminated in March 1985. A large number of officers and cadets took part in the Directorate General Organised Camps, Annual Training Camps and Attachment to Regular Units. Some of the highlights of training are as under :

(a) *Annual Training Camps-Attended by NCC Cadets of M. S. University, Baroda.*

Sr. No.	Unit	Vacancy allotted		Vacancy Utilised	
		NCC Part-Time Officer	Cadets	Part-Time Officer	Cadets
1.	3 Guj. Bn. NCC	6	454	3	207
2.	1 Guj. Compo. Tech. Regt. NCC, Baroda	2	145	1	49
3.	Company, 6 Guj. Bn. NCC	1	250	1	100
4.	2 Guj. Naval Unit NCC	1	87	1	72
5.	1 Guj. Air Sqn. NCC	—	49	—	35

(b) *Directorate General Organised Camps :*

Sr. No.	Name of Camp	Vacancy allotted		Vacancy Utilised	
		Part-Time Officer	Cadets	Part-Time Officer	Cadets
1.	Basic Leadership Camp of Senior Division Boys at Banglore from 6 June to 19 June, 1984.	—	2	—	2

Sr. Sr.	Name of Camp	Vacancy allotted		Vacancy Utilised	
		Part-Time Officer	Cadets	Part-Time Officer	Cadets
2.	Basic Leadership Camp of SD Boys at Nagercoli from 24 May to 6 June 1984.	—	3	—	3
3.	Basic Leadership Camp of SD Boys at Gurgaon from 8 Oct. to 21 Oct. 1984	1	3	1	3
4.	Advance Leadership Camp of SD Boys at Vishakhapatnam from 25 May to 14 June 1984	—	3	—	3
5.	Advance Leadership Camp of SD Boys at Sourath from 5 Jan. to 25 June 1984	—	3	—	3
6.	Advance Leadership of SD boys at Puri from 26 May to 15 June 1984	—	2	—	2
7.	Basic Leadership Camp of SW Girl Cadets at Muradnagar from 8 Oct. to 19 Oct. 1984	—	5	—	5
8.	Basic Leadership Camp of SW Girl Cadets at Panchmarhi from 13 May to 24 May	1	10	1	10
9.	Advanced Leadership of SW Girl cadets at Udaipur from 8 June to 28 June 1984	84 1	5	1	5
10.	Nau Sainik Camp of SD Boys at Coachin from 12 June to 25 June 1984	1	14	1	14
11.	Vayu Sainik Camp of SD Boys at Jaipur from 1 Oct. to 14 Oct. 1984.	1	11	1	11

(c) 28 *Cadets attended the Republic Day Parade and Prime Minister's Rally on 26th January*, 1985.

(d) *Attachment to Regular Unit :*

Cadets were attended to the Regular Units as under :

Sr. No.	Unit	Vacancies allotted — NCC Part-time Officers	Vacancies allotted — Cadets	Vacancies Utilised — NCC Part-time Officers	Vacancies Utilised — Cadets	Type of Regular units
1.	Guj. Girls Bn. NCC (Girls)	—	4	—	3	M H Ahmedabad
2.	2 Guj. Naval Unit (NCC)	—	2	—	2	Bombay
3.	1 Guj. Air Sqn. NCC	—	4	—	4	AFS Jamnagar
4.	3 Guj. Bn. NCC	—	25	—	17	Army Unit
5.	1 Guj. Compo Tech. Regt. NCC	1	4	1	4	Army Unit

(e) *Adventure Training Cycle Expedition :*

An Inter State Cycle expedition has been carried out from Ahmedabad to Jaipur and back from 28 Oct. to 10 Nov. 1984. 9 cadets of this group participated in the expedition.

(f) *Adventure Expedition—Trekking Expedition*

The details of cadets who have attended various DG organised Treks are shown below :—

Name of Trek	Number of cadets attended
(i) Trekking expedition-Dalhourise (Charba) during May/June 1984	32
(ii) Trekking expedition Kumaon Hills during June 1984	16
(iii) Sikkim (West Bengal) during May 1984	2
(iv) Western Ghats during Nov.-Dec. 1984	14

(g) *Para Training*

3 Cadets attended Para Training at Agra in Oct. 84.

Competition :

(a) Cadet Nilkar Sripathi of 2 Gujarat Naval Unit NCC, Baroda was selected as Best Cadet in INS Nau Sainik Camp at Cochin from 12 JUNE 1984 to 28 JUNE 1984 and he was also selected for foreign Cruise to SINGAPORE—BANKOK from 23 SEPT. to 5 NOV. 1984.

(b) 2 Cadets of 2 Gujarat Naval Unit NCC, Baroda secured first position in ship Modelling competition held at Cochin in June 1984 during Nau Sainik Camp.

(c) Regetta team of 2 Gujarat Naval Unit NCC, Baroda stood third in Republic Day Camp 1985.

(d) PO Cadet Jayesh G. Pandya of 2 Gujarat Naval Unit NCC was adjudged as the Best Naval Cadet in turnout and was awarded a Trophy at Republic Day Camp 1985.

(e) The Shipmodelling team of 2 Gujarat Naval Unit NCC, Baroda stood 3rd in the shipmodelling competition and won 4 individual prizes for P G Model and powered camp Model and 2 Gold and 2 Bronze during Republic Day Camp 1985 at Delhi.

(f) The INS Vikrant Model together with small wooden Sea Harrier Air Crafts mounted on a 27" whaler was erected by 2 Gujarat Naval Unit NCC, Baroda in front of Naval Tent, in Republic Day Camp 1985 and was awarded prize for special contribution towards Republic Day camp 1985.

4. Physical Education Department :

(a) *Staff* : —Director of Physical Education, One Senior Physical Instructor (Men) vacant, One Senior Physical Instructor (Women), Five Physical Education Instructors (Men), One Physical Education Instructor (Women), One Hockey Coach (two posts vacant), One Swimming Trainer, One Asstt. Swimming Trainer, One Asstt. Swimming Trainer, One Boating Trainer and One Life Guard.

(b) *Training in Physical Education* :—

Training in Physical Education was imparted to 1300 Men students and 1100 Women students from various Faculties and Institutions.

(c) *Training and Coaching in Games and Sports* —

Cricket (Men—50, Women—12)
Tennis (Men—95, Women—5)
Hockey (Men—35, Women—20)
Football (30)
Kho-Kho (Men—30, Women—12)
Track and Field } (Men—10, Women—5) Events
Kabaddi (23)
Volleyball (Men—15, Women—10)
Basketball (Men—25, Women—10)
Swimming (Men—26, Women—15)
Boating (Men—93, Women—7)
Cycling (Men—5)

The number in the brackets before the game indicate the regular attendance in the respective games.

There were 130 members in swimming including Men and Women students (This year Swimming pool was closed on account of Jaundice in the town as per Collector's Orders). In Boating the number was 98 regular and 25 vacational including Women Students.

The Special coaching was provided by the honorary coaches and officers-incharge in the following games and sports :

Cricket (Men and Women), Football, Volleyball (Men and Women), Basketball (Men and Women), Athletics (Men and Women), Kho-Kho (Men and Women), Hockey (Men and Women), Kabaddi, Swimming (Men and Women), Tennis (Men and Women).

(d) *Participation in Tournaments and Competitions* :—

Name of the Game	*Venue*
Badminton (M & W)	Not held
Hockey (Men)	Jodhpur
Best Physique	Berheampur
Basketball (Men)	Udaipur
Basketball (Women)	Madras
Kho-Kho (Men)	Aurangabad
Kho-Kho (Women)	Rajkot
Football	Kolhapur
Athletics (Men and Women)	Gwalior
Table Tennis (Men and Women)	Ahmedabad
Volleyball (Men)	Aurangabad
Wrestling	Amravati
Chess	Hyderabad
Swimming (Men)	Lucknow (Team could not be sent as the Pool was closed due to Jaundice)
Tennis (Men)	Mangalore
Kabaddi	Nagarcoil
Cricket (Men)	Baroda.

In cricket, Men Teams was runners-up and qualified to participate in Inter Zonal Tournament held at Baroda, M. S. University lost against Calcutta University in Inter-Zonal tournament.

In Kho-Kho, men team reached up to quarter final i.e. played 5th round.
On Hockey, Men team reached upto quarter final.
In Football, M. S. University team played upto quarter final.

The following team could not participate in the Inter University tournament as the venue was not finalised.

(i) *Badminton:*

The following team could not be sent for Inter University tournament due to the disturbed situation at the venue.

(ii) *Hockey (Women)—Jammu and Kashmir:*

(e) National Tournaments:

Hockey (Women) :—The following players were se'ected to represent Gujarat State in the Senior National Championship held at Bangalore in January, 1985.

(1) Kum. Vakil Priti —Arts
(2) Kum. Yadav Usha —Science
(3) Kum. Bhavsar Kalpana —Arts
(4) Kum. Smith Kalpana —Law

The following players were se'ected in Gujarat State team for Women's festival, a National level tournament, but the tournament could not be held due to the assessination of the Prime-Minister:

(1) Kum. Bhavsar Kalpana —Arts
(2) Kum. Patel Shefali —Commerce
(3) Kum. Yadav Usha —Science
(4) Kum. Smith Kalpana —Law

Hockey (Men):

The following players were se'ected to represent Gujarat State team in Senior National Championships held at Bombay:

1. Patel Soyab —Tech. and Engg.
2. Bagul Arvind —Tech. and Engg.
3. Pin Sann Philips —Tech. and Engg.
4. Rajesh Sharma —Commerce
5. Lalit Watts —Arts

Football:—Subroto Bhattacharjee represented Gujarat State in the Nationals, in Santosh Trophy Tournament held at Kanpur.

Kho-Kho:—The following players played for Gujarat State in Kho-Kho Nationals held at Dhulia :

1. Kishor Thakur —Commerce
2. Mukesh Thakar —Commerce
3. Mali Manu —Arts

Basketball :

Mahesh Gohel of Polytechnic was selected as the member of the Gujarat State team to play in Nationals Basketball Championship.

Other State Level Tournament—(Hockey Women)

Participated in Open Gujarat State Championship in Hockey held at Ahmedabad and become Runners-up.

Hockey (Men) :

Participated in Gujarat State Junior Hockey Tournament held at Vidyanagar and secured fourth position.

Participated in Open Gujarat Knock-Out tournament held at Baroda and became Runners-up.

Basketball :

Participated in State Championship and reached up to Semifinals.

(f) Local Tournament :

Hockey (Women) :

Participated in Open Knock-Out Tournament and won the Championship.

Participated in Baroda District Women's Festival tournament and were Runners-up.

Participated in Open Baroda League Tournament and were Runners-up.

Hockey (Men) :

Participated in Baroda Last Hockey League Tournament and became Runners-up. Also we secured Runners-up position in Rege Cup Open Knock-Out Tournament.

Cricket (Men) :

Participated in the following tournaments :

1. M. C. Ghia Trophy
2. League Matches
3. Randle Cup Cricket Tournament—Became Winners.
4. G.S.F.C. Invitation Tournament
5. Summer League Tournament—Became Winners.

Basketball (Men) :

Participated in District Open Championship and won the Championship.

Participated in the Invitation Basketball Tournament organised by the Refinery Student's Association held at Refinery and won the Championship.

(g) Achievement by Staff

1. Shri R. N. Thatte, Director, Physical Education, attended the "The First National Conference on Physical Education and Sports Sciences" held at Lakshmibai National College of Physical Education, Gwalior from 22nd February to 24th February, 1985.

2. Shri R. N. Thatte, Director, Physical Education attended the Fifth Zonal Workshop of Physical Education" for Director/Lecturers, (Assistant Professors) of Physical Education from 25th to 1st March, 1985 organised by Lakshmibai National College of Physical Education, Gwalior. He was one of the Resource Persons and read a paper "Inter Collegiate Tournaments and their Problems".

(h) Inter-Faculty Tournaments—1984-85

1. Results of the Inter Faculty Tournament for various Games and Sports for the year 1984-85:

Game	*Winners*	*Runners-Up*
1. Football	Arts	Tech. and Engg.
2. Tennis	Medicine	Tech. and Engg.
3. Hockey (M)	Tech. and Engg.	Commerce
4. Basketball (M)	Science	Commerce
5. Volleyball (M)	Science	Arts
6. Cricket (Men)	Commerce	Law

(i) Result of the Annual Boating Competitions—1984-85

Uttam M. Thorat of Sanskrit Mahavidyalaya won the Individual Championship for Men for the year 1984-85.

(j) Result of the Annual Swimming Meet—1984-85

Shri K. V. Ramnath of Facuty of Technology and Engineering won the Individual Championship.

(k) Athletics (Men and Women)

Shri John D'Costa of Faculty of Technology and Engineering now the Individual Championship for Men.

Kum. Sandra D'Souza won the individual Championship in Women.

(l) Cricket

Ranji Centenary Trophy and Cash Award of Rs. 600/- for the best cricketeers for the year 1984-85 was awarded to Shri Mukesh Narula of Faculty of Law.

(m) High Lights

(i) *Cricket Men :* The following four players were selected to play for West Zone for Inter Zonal Vizzy Trophy Tournament held at Madras from 1st Feb. to 8th Feb., 1985.

Name	*Faculty*
Rakesh Parikh	Technology and Engineering
Mukesh Narula	Law
Tushar Arothe	Commerce
Vijay Jaiswal	Arts

(ii) Department of Physical Education conducted VII Basketball Test Match between India and Russia on 1st March, 1985. This match was sponsored by Basketball Federation of India and conducted by the Department of Physical Education, Baroda. This was the first opportunity when the Department conducted such Inter-National Match. This was successfully conducted on the newly constructed cement court, with the installation of Flood Lights at the total cost of Rs. 1 Lakh.

5. Students' Common Rooms

There are three Common Rooms for University Students. Two Rooms are on the campus—one for men students and the other for women students The third room generally known as Non-Resident Students' Centre is near the Faculty of Technology and Engineering. The women student's common room and the Non-Resident Student's Centre were built with financial assistance from the University Grants Commission and the State Government.

A cafetaria 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. Committees consisting of the members of the teaching staff look after the upkeep and arrangements of rooms. The rooms are also used for meeting of the Students Association, Social Indoor games and tournaments.

APPENDICES

Appendix I (a)

FACULTY OF ARTS

Number of students enrolled in various courses during the year 1984-85 :

Level	*Men*	*Women*	*Total*
(A) *Certificate :*			
German	136	26	162
Russian	7	—	7
French	71	20	91
	214	**46**	**260**
(B) *Diploma :*			
German	31	9	40
French	13	10	23
Russian	4	—	4
	48	**19**	**67**
(C) *Post-Diploma :*			
German	4	4	8
Russian	1	—	1
	5	**4**	**9**
(D) *Degree :*			
F.Y.B.A.	139	296	435
S.Y.B.A.	127	172	299
T.Y.B.A.	121	258	379
	387	**726**	**1113**
(E) *Post-Graduate :*			
M.A. Part I	122	152	274
M.A. Part II	93	107	200
Library Science	2	27	29
Ph.D.	6	14	20
Total	**223**	**300**	**523**
Grand Total	**877**	**1095**	**1972**

FACULTY OF SCIENCE

	Men	Women	Total
Diploma in Laboratory Technicians :			
Ist Year	10	—	10
IInd Year	10	—	10
	20	—	—
F.Y.B.Sc.	383	254	637
S.Y.B.Sc.	370	232	602
T.Y.B.Sc.	273	183	456
	1026	**669**	**1695**
Post-Graduate Diploma in Cartography	20	2	22
	20	**2**	**22**
M.Sc. (Previous)	153	90	243
M.Sc. (Final)	145	98	243
M.Sc. (Applied Geology)	15	—	15
Four Years' evening M.Sc. Course in Biochemistry	5	—	5
	318	**188**	**506**
Post M.Sc. Diploma in Nutrition Biochemistry	2	1	3
	2	**1**	**3**
Ph.D.	45	20	65
Grand Total	**1431**	**880**	**2311**

MEDICAL COLLEGE, BARODA

Year/Class	*Men students*	*Women students*	*Total number of students*
Degree :			
Ist Year	110	30	140
2nd Year	126	32	158
3rd Year	150	46	196
4th Year	111	30	141
5th Year	139	21	160
Grand Total	**636**	**159**	**795**

	Men	Women	Total
Post-graduate Diploma :			
Junior	36	7	43
Senior	—	—	—
Grand Total	**672**	**166**	**838**

FACULTY OF EDUCATION AND PSYCHOLOGY

(a) *Degree :*			
B.Ed.	51	142	193
S.Y.B.A. (Psychology)	6	43	49
T.Y.B.A. (Psychology)	8	34	42
	65	**219**	**184**
(b) *Post-graduate Diploma :*			
1. P.G. Diploma in Educational Administration	2	—	2
2. P.G. Diploma in Organizational Behaviour	8	2	10
3. Diploma in Clinical and Community Psychology	1	4	5
	11	**6**	**17**
(c) *Post-graduate Degree :*			
1. M.A. (Psy.) Part I	2	11	13
2. M.A. (Psy.) Part II	2	11	13
3. M.Ed. (Junior)	11	7	18
4. M.Ed. (Senior)	4	6	10
5. M.Ed. (Full Time)	5	6	11
	24	**41**	**65**
1. Ph.D.	6	7	13
Total	**106**	**273**	**379**

FACULTY OF COMMERCE

1. U.G. Co-operation	2	—	2
2. F.Y.B.Com.	1026	635	1661
S.Y.B.Com.	728	919	1647
T.Y.B.Com.	787	645	1432

	Men	*Women*	*Total*
3. M.Com. (Previous)	335	123	458
M.Com. (Final)	288	112	400
4. Post-Graduate Diploma in Banking	15	25	40
Post-Graduate Diploma in Co-operation	15	—	15
5. Ph.D.	7	1	8
Total	**3203**	**2460**	**5663**

COMMERCE COLLEGE—TARSALI

F.Y.B.Com.	266	152	418

FACULTY OF TECHNOLOGY AND ENGINEERING, BARODA

Class	*Boys*	*Girls*	*Total*
B.E. I (4 Years)			
Civil	131	6	137
Mechanical	95	5	100
Electrical	54	8	62
Chemical	27	1	28
Metallurgy	57	11	68
Electronics	28	3	31
Computer	28	1	29
B.E. II (4 Years)			
Civil	131	12	143
Mechanical	107	3	110
Electrical	53	12	65
Chemical	27	2	29
Metallurgy	16	2	18
Electronics	35	—	35
Computer	21	3	24
B.E. III (4 Years)			
Civil	140	6	146
Mechanical	97	—	97
Electrical	42	6	48
Chemical	34	1	35
Metallurgy	12	3	15
Electronics	48	5	53
Computer	19	—	19

	Boys	*Girls*	*Total*
B.E. IV (4 Years)			
Civil	76	5	81
Mechanical	101	—	101
Electrical	41	4	45
Chemical	32	—	32
Metallurgy	6	1	7
Electronics	33	3	36
B.E. V (5 Years)			
Civil	73	1	74
Mechanical	69	1	70
Electrical	22	6	28
Chemical	12	—	12
Metallurgy	27	1	28
Electronics	15	2	17
F.Text. Engg.	37	1	38
F.Text.Tech.	30	2	32
S.Text.Engg.	14	2	16
S.Text.Tech.	16	—	16
T.Text.Tech.	29	—	29
T.Text.Engg.	22	—	22
B.Text.Engg.	18	—	18
B.Text.Tech.	27	—	27
D.T.T. 1 Year	16	—	16
D.T.T. II Year	16	—	16
D.T.T.(Final Year)	11	1	12
D.T.C. I Year	23	—	23
D.T.C. II Year	13	—	13
D.T.C. (Reg.) III Year	15	—	15
B.Sc. D.T.C. (3rd Year)	70	1	71
Geotechnique	9	1	10
Environmental Science	7	3	10
Corrosion Technology	7	—	7
Material Testing Technology	4	—	4
Solid State Electronics	6	2	8
Operation Research	4	3	7
Computer Applications	17	10	27
B Sc. Tech. I Year	20	—	20

	Boys	Girls	Total
B.Sc. Tech. II Year	16	—	16
B.Sc. Tech. III Year	16	—	16
Post B.Sc. (Electro.) I Year	19	3	22
Post B.Sc. (Electro.) II Year	19	1	20
Post B.Sc. (Electro.) III Year	23	1	24
B.Arch. I Year	18	13	31
B.Arch. II Year	12	21	33
B.Arch. III Year	21	12	33
B.Arch. IV Year	19	19	38
B.Arch. Final Year	18	10	28
B.Pharm. I Year	12	18	30
B.Pharm. II Year	7	28	35
B.Pharm. III Year	8	17	25
B.Pharm. IV Year	7	17	24
Junior M.E.			
Civil	28	—	28
Mechanical	16	—	16
Electrical	12	—	12
Chemical	12	1	13
Metallurgy	2	—	2
Electronics	—	—	—
Senior M.E.			
Civil	23	—	23
Mechanical	24	—	24
Electrical	6	1	7
Chemical	7	1	8
Metallurgy	3	—	3
Electronics	—	—	—
M.Text. Engg. I Year	5	—	5
M.Text. Engg. II Year	6	—	6
M.Pharm. I Year	—	5	5
M.Pharm. II Year	2	3	5
M.Sc. (App. Phy.) I Year	14	1	15
M.Sc. (App. Phy.) II Year	12	3	15
M.Sc. (App. Chem.) I Year	28	2	30
M.Sc. (App. Chem.) II Year	17	1	18
M.Sc. (App. Maths.) I Year	17	3	20

	Boys	Girls	Total
M.Sc. (App. Maths.) II Year	11	4	15
Master of Computer Appli.	25	5	30
P.G. Diploma in Low Cost Housing	—	—	—
Ph.D.			
Civil	—	—	—
Mechanical	—	—	—
Electrical	1	—	1
Chemical	1	—	1
Metallurgy	—	—	—
Electronics	—	1	1
Pharmacy	—	—	—
Architecture	—	—	—
Applied Physics	3	—	3
Applied Chemistry	—	—	—
Applied Mathematics	—	—	—
Textile Engineering	—	—	—
Textile Chemistry	—	—	—
Grand Total	**2630**	**331**	**2961**

FACULTY OF FINE ARTS

	Men	Women	Total
Degree			
Diploma :	2	1	3
Ist Year	9	3	12
IInd Year	11	6	17
IIIrd Year	6	2	8
IVth Year	23	—	23
Jr. Post Diploma	19	4	23
Sr. Post Diploma	27	38	65
Ist Year	20	23	43
IInd Year	14	18	32
IIIrd Year	10	23	33
IVth Year	23	6	29
Jr. M.A. (Fine)	19	9	28
Sr. M.A. (Fine)	6	3	9
Ph.D.			
Grand Total	**189**	**136**	**325**

	Men	*Women*	*Total*
FACULTY OF HOME SCIENCE			
P.G. Diploma in Pre-School Education		14	14
Jr. Under-Graduate Dip. in. C.D.		17	17
Sr Under-Graduate Dip. in C.D.		15	15
F.Y.B.Sc. (Home)		210	210
S.Y.B.Sc. (Home)		171	171
T.Y.B.Sc.		154	154
Jr. M.Sc.		62	62
Sr. M.Sc.		54	54
Ph.D.		26	26
Grand Total	**723**		**723**
FACULTY OF SOCIAL WORK			
Post-Graduate Degree M.S.W. :			
Junior Class	18	14	32
Senior Class	24	10	34
	42	**24**	**66**
Post-Graduate Diploma in I.R. and P.M.	5	—	5
Grand Total	**47**	**24**	**71**
FACULTY OF LAW			
(a) *Degree :*			
Ist LL.B.	432	61	493
2nd LL.B.	228	38	266
LL.B. (Special)	129	23	152
	789	**122**	**911**
(b) *Post-Graduate Diploma :*			
D.L.P.	172	25	197
D.T.P.	238	46	284
	410	**71**	**481**

	Men	*Women*	*Total*
(c) *Post-Graduate Degree :*			
LL.M. Part I	23	4	27
LL.M. Part II	6	1	7
	29	**5**	**34**
(d) *Ph.D.*	3	—	3
	3	**—**	**3**
Grand Total	**1231**	**198**	**1429**
FACULTY OF MANAGEMENT STUDIES			
M.B.A. Jr.	25	5	30
	25	**5**	**30**
FACULTY OF PERFORMING ARTS			
(a) *Diploma :*	180	99	279
Ist Year	102	83	185
2nd Year	57	74	131
3rd Year	64	53	117
4th Year	25	32	57
5th Year	**428**	**341**	**769**
	—	1	1
(b) *Post Diploma :*			
(c) *Degree :*	18	32	50
Ist Year	18	30	48
2nd Year	14	15	29
3rd Year	**50**	**77**	**127**
(d) *Post-graduate Degree :*	6	7	13
Junior	8	6	14
Senior	**14**	**13**	**27**
	5	4	9
(e) *Ph.D.*			
Grand Total	**497**	**436**	**933**

BARODA SANSKRIT MAHAVIDYALAYA

	Men	Women	Total
(a) *Certificate Courses :*			
1st Year to Final Year	51	—	51
			51
(b) Social Communication Classes			127
	—	—	127
(c) *Diploma :*			
1st Year	40	—	40
IInd Yaer	11	1	12
IIIrd Year	6	—	6
IVth Year	3	—	3
Vth Year	3	1	4
			65
(d) *Degree : Shastri:*			
1st Year	5	1	6
2nd Year	2	—	2
3rd Year	3	1	4
			12
(e) *Post-Graduate Degree :* Acharya :			
1st Year	3	1	4
2nd Year	2	—	2
			6
(f) *Ph.D. :* Vachaspati	2	—	2
			2
			263

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

1. *Degree Course in Arts :*			
1st Year	14	11	25

	Men	Women	Total
IInd Year	13	5	18
IIIrd Year	11	16	27
Total	38	32	70
2. *Degree Course in Commerce :*			
	377	110	487
1st Year	291	88	379
IInd Year	257	46	303
IIIrd Year			
Total	925	244	1,169
Grand Total	963	276	1,239

POLYTECHNIC, BARODA

	371	26	397
First Year	342	29	371
Second Year	318	28	346
Third Ye r	34	—	34
Final Year PCT	18	—	18
PDD			
Total	1083	83	1166

HIGHER SECONDARY COURSES

	184	11	195
First Year	186	9	195
Second Year	175	2	197
Vth Semester			
Total	545	22	567

EXTENDED DIPLOMA COURSE

	201	—	201
First Year	111	—	111
Second Year	100	—	100
Third Year	112	—	112
Fourth Year			
Total	524	—	524
Grand Total	2152	105	2257

Appendix I (b)

Statement showing the number of University Students during the academic year 1984-85

Sr. No.	Faculties/Institutions	Post-graduate Courses		Degree Courses		Diploma Courses		Total		Grand Total		
		M	W	M	W	M	W	M	W	1984-85	1983-84	1982-83
1	2	3	4	5	6	7	8	9	10	11	12	13
1.	Arts	223	300	387	726	53	23	663	1049	1712	1728	2190
2.	Science	363	208	1026	669	42	03	1431	880	2311	2205	2288
3.	Education and Psychology	30	48	65	219	11	06	106	273	379	369	505
4.	Commerce	630	235	2541	2199	32	25	3203	2459	5662	5584	5515
4a	Tarsali College	—	—	266	152	—	—	266	152	418	—	—
5.	Medicine	205	01	630	159	36	07	672	166	838	1074	1030
6.	Technology and Engineering	205	31	2105	274	320	26	2630	331	2961	3052	3248
7.	Fine Arts	48	18	71	102	70	16	189	136	325	347	361
8.	Home Science	—	46	—	535	—	142	—	723	723	727	712
9.	Social Work	42	29	—	—	5	—	47	24	71	82	83
10.	Law	32	05	789	122	410	71	1231	198	1429	1605	1761
11.	Performing Arts	19	17	50	77	—	—	69	94	163	153	157
12.	Management of Studies	25	5	—	—	—	—	25	5	30	—	—
13.	Baroda Sanskrit Mahavidyalaya	7	1	10	2	63	2	80	5	85	117	60
14.	Padra	—	—	963	276	—	—	963	276	1239	1107	1800
15.	Polytechnic	—	—	—	—	2152	105	2152	105	2257	2450	2708
	Total	1624	938	8909	5512	3194	426	13727	6876	20603	20600	22418

M = Men, W = Women

Appendix II

Statement showing the Growth of Student Enrolment

The University started with 2,962 students on its roll. In 1984-85 it had 20,536 University Students and 1942 Non-University Students. The following table gives student enrolment figures for the last five years. Here percentage has been calculated, considering 1980-81 as the base year:—

Year	Total Enrolment	Percentage increase
1980-81	19,238	—
1981-82	24,341	+ 26.52
1982-83	22,418	+ 16.53
1983-84	20,600	+ 7.08
1984-85	20,603	+ 7.09

Appendix III

Statement showing the Sex Percentage in different Faculties

The Statement given below shows the percentage of Men and Women students in the various Faculties and Institutions of the University for the year 1970-71, 1980-81 and 1984-85 :—

Faculties	1970-71		1980-81		1984-85	
	Men	*Women*	*Men*	*Women*	*Men*	*Women*
Arts	37.5	62.5	50.0	50.0	38.8	61.2
Science	72.2	27.8	66.5	33.5	62.0	38.0
Education and Psychology	30.7	60.3	46.9	53.1	28.0	72.0
Commerce	82.6	17.4	62.7	37.3	56.6	43.4
Tarsali	—	—	—	—	63.6	36.4
Medicine	84.0	16.0	85.4	14.6	80.0	20.0
Technology and Engineering	97.7	2.3	96.8	3.2	88.5	11.5
Fine Arts	73.0	27.0	73.2	26.8	58.2	41.8
Home Science	0.1	99.9	0.1	99.99	—	100.0
Social Work	56.0	44.0	57.4	42.6	66.0	34.0
Law	89.5	10.5	89.8	10.2	86.1	13.9
Performing Arts	44.1	55.9	45.4	54.6	42.3	57.7
Management Studies	—	—	—	—	83.3	16.7
Baroda Sanskrit Mahavidyalaya	80.0	20.0	62.7	37.3	96.1	15.9
Polytechnic	99.4	0.6	98.9	1.1	95.0	5.0
Shri M. K. Amin Arts and Science College and College of Commerce	90.8	9.2	82.3	17.7	77.8	22.2

Appendix IV

Statement showing the Percentage of Students enrolment in the different Faculties/Institutions in the Last Five Years :

Faculties/Institutions	1980-81	1981-82	1982-83	1983-84	1984-85
Arts	12.4	10.8	9.8	8.6	8.30
Science	11.2	9.6	10.2	10.8	11.22
Education and Psychology	2.6	2.0	2.2	1.2	1.83
Commerce	20.4	21.3	24.6	27.2	27.48
Commerce College, Tarsali	—	—	—	—	2.03
Medicine	5.1	4.7	4.6	5.2	4.07
Technology and Engineering	14.3	14.3	14.5	14.9	14.37
Fine Arts	1.8	1.7	1.6	1.8	1.58
Home Science	4.1	5.1	3.2	3.6	3.51
Social Work	0.6	0.4	0.4	0.4	0.35
Law	6.1	10.0	7.8	7.9	6.94
Performing Arts	0.6	0.5	0.7	0.8	4.04
Management Studies	—	—	—	—	0.15
M. K. Amin Arts and Science College and College of Commerce, Padra	7.2	8.0	8.0	5.4	6.07
Baroda Sanskrit Mahavidyalaya	0.3	0.6	0.3	0.6	0.41
Polytechnic	13.3	12.8	12.1	11.6	15.30
Total	**100.0**	**100.0**	**100.0**	**100.0**	**100.00**

THE MAHARAJA SAYAJIRAO

Appendix

Number of students admitted in

Faculty	*Shri K. M. Munshi Hall*	*Shri Manibhai Mehta Hall*	*Shri Maharshi Arvind Hall*	*Shri Sardar Patel Hall*	*Professor T. K. Gajjar Hall*	*Dr. Jivraj Mehta Hall*	*Lal Bahadur Shastri Hall*	*Shri Naservanji Vakil Hall*	*Shri Rabindranath Tagore Hall*
Arts	4	4	6	7	21	3	6	9	5
Commerce	21	20	28	20	30	52	26	21	44
Science	24	38	34	19	26	23	20	32	39
Education & Psychology	1	5	1	1	5	2	—	4	—
Tech. and Engg.	91	96	84	102	101	91	61	64	154
Polytechnic	5	10	8	9	18	8	9	15	54
Medicine	21	11	11	13	10	22	10	7	27
Social Work	—	—	1	—	—	1	—	—	—
Fine Arts	4	6	6	18	12	7	13	11	6
Music College	—	—	—	2	—	—	—	2	—
Law	4	2	10	1	9	10	3	5	2
Management	—	—	—	—	—	—	1	1	—
I.A.S.	1	—	1	—	1	—	-	—	—
Home Science	—	—	—	—	—	—	—	—	—
Total	**176**	**192**	**190**	**192**	**233**	**219**	**149**	**171**	**331**

UNIVERSITY HALLS OF RESIDENCE

V

Various Halls of Residence during 1984-85

Shri M. Vishvesaraya Hall	*Siddharaj Jayasinh Hall*	*V. S. Hall*	*Total*	*Smt. Sarojini Devi Hall*	*Smt. Hansa Mehta Hall*	*Pandit Gargi Hall*	*Kasturba Gandhi Hall*	*Total*	*Grand Total*
10	29	14	118	27	19	17	12	75	193
33	40	9	344	18	20	39	12	89	433
18	39	50	362	54	37	55	13	159	521
4	—	13	36	10	14	14	3	41	77
117	112	18	1091	19	25	27	10	81	1172
94	78	—	308	1	6	2	5	14	322
7	9	4	152	21	29	32	17	99	251
1	2	14	19	9	3	2	—	14	33
8	11	7	109	37	4	7	9	57	166
1	2	2	9	12	6	5	2	25	34
3	7	—	56	4	4	—	3	11	67
2	2	6	12	—	—	—	—	—	12
—	—	4	7	—	1	—	—	1	8
—	—	—	—	76	68	44	38	226	266
298	**331**	**141**	**2623**	**288**	**236**	**244**	**124**	**978**	**3448**

Appendix VI

Statement showing the percentage of students residing in the University Hostels the corresponding figures for the last five years

Year	*Student residing in Hostels*			*Percentage of Resident students to the total Enrolment*		
	Men	*Women*	*Total*	*Men*	*Women*	*Total*
1980-81	2,607	704	3,311	13.5	3.7	17.2
1981-82	2,674	757	3,431	11.0	3.1	14.1
1982-83	2,688	798	3,486	12.0	3.55	15.55
1983-84	2,662	859	3,521	12.7	4.30	17.00
1984-85	2,623	978	3,601	19.1	14.2	17.47

Appendix VII

Statement showing the Non-University students in the year 1984-85

Faculties/Institution	*Men*	*Women*	1984-85	1983-84	1982-83
A. *Diploma Courses :*					
(i) Faculty of Performing Arts	428	341	769	840	786
B. *Certificate Course :*					
(i) Faculty of Arts	267	69	336	343	375
(ii) Baroda Sanskrit Mahavidyalaya	178	—	178	42	39
C. *S.S.C. Courses :*					
(i) University Experimental School	417	257	674	681	710
D. *Chetan Balwadi :*					
(i) Balwadi	20	14	34	62	31
(ii) Kindergarden	16	35	51	23	54
Total	**1326**	**716**	**2042**	**1991**	**1955**

Appendix VIII

Statement showing number of Disabled students in various Faculties/Institutions

	Faculties/Institutions	*Men*	*Women*	*Level*	*Remarks*
1.	Faculty of Arts	6	—	F.Y.B.A.	Blind
		1	—	S.Y.B.A.	,,
		2	—	T.Y.B.A.	,,
		1	—	MA. I	,,
2.	Faculty of Science	2	—	F.Y.B.Sc.	Handi-capped
		1	—	S.Y.B.Sc.	
3.	Faculty of Edu. and Psy.	1	—	B.Ed.	Blind
4.	Faculty of Commerce	1	—	F.Y.B.Com.	
		1	—	T.Y.B.Com.	
		1	—	M.Com.II	
5.	Faculty of Medicine	4	—		
6.	Technology and Engineering	2	1	B.E. I.	Handi-capped
		1	—	B.Pharm.	
7.	Faculty of Fine Arts	—	1	Dip. IVth yrs.	Leg Defect
8.	Home Science	—	1	Polio affected	
9.	Faculty of Law	4	—	Ist LL.B.	Blind
10.	Baroda Sanskrit Mahavidyalaya	1	—	Acharya	Blind
11.	Polytechnic	4	—	F.Y.Dip.	Residual Polio
	Total	**33**	**3**		
	Grand Total	**36**			

Appendix IX

Number of Foreign Students in the Academic Year 1984-85

Level	*Name of the Country*	*Men*	*Women*	*Total*
Faculty of Arts				
Under-graduate:				
	Iran	3	2	5
	Thailand	—	2	2
	Kenya	—	1	1
	Qwait	1	—	1
	Grand Total	**4**	**5**	**9**
Faculty of Science				
Under-graduate:				
	British Pass-Port	3	3	6
	Kenya	1	4	5
	Tanzania	—	1	1
	Zambia	2	1	3
	Fizi	1	1	2
	Yamin	2	—	2
	Jordan	1	—	1
	Total	**10**	**10**	**20**
Post-graduate:				
	Iran	7	1	8
	British Pass-Port	2	2	4
	Kenya	2	—	2
	Zambia	1	1	2
	Jordan	1	—	1
	Iraq	1	—	1
	Nigeria	1	—	1
	Total	**15**	**4**	**19**
	Grand Total	**25**	**14**	**39**

Level	Name of the Country	Men	Women	Total
Faculty of Education and Psychology				
Under-graduate;				
	Iran	—	1	1
Post-graduate:				
	Thailand	2	—	2
	Grand Total	**2**	**1**	**3**
Faculty of Commerce				
Under-graduate:				
	Zambia	5	—	5
	Tanzania	1	—	1
	Kenya	1	3	4
	Total	**7**	**3**	**10**
Post-graduate ;				
	Kenya	2	1	3
	Nigeria	8	1	9
	Indo-Singala	1	—	1
	Total	**11**	**2**	**13**
	Grand Total	**18**	**5**	**23**
Faculty of Technology and Engineering				
Under-graduate:				
	Iran	3	—	3
	Jordan	4	—	4
	Kenya	3	—	3
	Nigeria	1	—	1
	Total	**11**	—	**11**
Post-graduate :				
	Iran	1	—	1
	Grand Total	**12**	—	**12**

Level	Name of the Country	Men	Women	Total
Faculty of Fine Arts				
Under-graduate:				
	Fizi	1	—	1
	U.K.	—	1	1
	Total	**1**	**1**	**2**
Post-graduate:				
	Bangladesh	4	1	5
	U.K.	3	—	3
	Total	**7**	**1**	**8**
	Grand Total	**8**	**2**	**10**
Faculty of Home Science				
Under-graduate:				
	Fizi British	—	1	1
	Kenya British	—	2	2
	Mauratius	—	1	1
	Tanzania	—	4	4
	Uganda British	—	1	1
	U.K. British	—	2	2
	Zambia	—	4	4
	Grand Total	—	**15**	**15**
Faculty of Social Work				
Post-graduate :				
	Nigeria	—	1	1
	Grand Total	—	**1**	**1**

Level	*Name of the Country*	*Men*	*Women*	*Total*
Faculty of Performing Arts				
Under-graduate :				
	Bangladesh	3	9	12
	Mauratius	—	2	2
	Total	**3**	**11**	**14**
Post-graduate:				
	Bangladesh	1	—	1
	Nepal	—	1	1
	Nigeria	1	—	1
	Total	**2**	**1**	**3**
	Grand Total	**5**	**12**	**17**
	Grand Total	**74**	**55**	**129**

Appendix X

Statement showing Number of Students belonging to Scheduled Caste/Scheduled Tribes/Socially and Economically Backward in various Faculties/Institution

Sr.No.	*Faculties/Institutions*	*S.C.*		*S.T.*		*SEBC*		*Total*
		M.	*F.*	*M.*	*F.*	*M.*	*F.*	
1.	Faculty of Arts	—	—	—	—	—	—	—
2.	Faculty of Science	3	3	5	1	—	—	12
3.	Faculty of Education and Psychology	10	4	—	—	8	4	26
4.	Faculty of Commerce	171	47	55	17	—	—	290
5.	Faculty of Medicine	27	9	45	10	31	7	129
6.	Faculty of Technology and Engineering	45	2	29	1	29	2	108
7.	Faculty of Fine Arts	3	1	3	—	1	—	8
8.	Faculty of Home Science	1	—	—	—	—	1	2
9.	Faculty of Social Work	1	—	1	—	—	—	2
10.	Faculty of Law	14	4	—	—	1	—	19
11.	Faculty of Performing Arts	5	—	1	—	—	—	6
12.	Faculty of Management Studies	—	—	—	—	—	—	—
13.	Baroda Sanskrit Mahavidyalaya	—	—	—	—	—	—	—
14.	Shri M. K. Amin Arts and Science College and College of Commerce, Padra	18	—	—	—	—	—	18
15.	Polytechnic	78	4	88	2	97	2	271
	Total	**375**	**75**	**227**	**31**	**167**	**16**	**891**

List of Students qualifying for Ph.D. Degree during the year 1984-85

Sr.No.	Name	Subjects	Title of the Thesis
	Faculty of Arts		
1	Shri Nalinkumar Dhirajlal Desai	Gujarati	Meghani Lok Sahitya Na Sanshodhak ane Sampadak
2	Shri Chandrakant Gokalbhai Limbaria	Hindi	Ganga Prasad Mishra ka Katha Sahitya
3	Shri Labhashankar Mohanlal Joshi	Sanskrit	Lalita Sahasranama Stotra—A Study (In the light of the Commentary of Bhaskar acharaya Makhindra)
4	Kumari Indra Gokaldas Bhagia	Archaeology	A study of place names of Baroda District (Gujarat) India
5	Shri P. Yousuf	Economics	Interrelation between poverty, unemployment and migration
6	Shri Vipinchandra Damodardas Shah	Economics	Factors affecting Costs and efficiency of Banking Services at branch level
7	Shri Kuldeep Bhan	Archaeology	Archaeology of the Jamnagar District (Gujarat) upto 1300 A.D.
8	Shri Ramniklal Chandulal Shah	Sanskrit	Ancient Indian Society Religion and mythology as depicted in Linga Purana
9	Shri Bhupendra Vasantlal Acharya	Economics	Education and Earnings of Clerical Personnel in Surat City
10	Shri B. Rajaiah	Economics	Returns of Investment and efficiency in Public enterprises in India
11	Shri Mohammad Naimuddin	Economics	Structure of flow of Capital funds in India
12	Shri Ruprappa Veerappa Dadibhai	Economics	Inter District variations in Income, Productivity and Industrial Structure in Karnataka
13	Kumari Nrimala Labhashankar Raval	Hindi	Hindi Ke Lalit Nibandhon Ka Alochanatmaka Adhyayan
14	Kumari V. T. Padmaja	Indian History Culture and Archaeology	Sakticult in Gujarat with Special reference to Sakti Pithas
15	Shri Sudarshan Narasimha Iyengar	Economics	Economics of minor Irrigation in Panchmahals

Sr.No.	Name	Subjects	Title of the Thesis
16	Shri Kalhans Harilal Patel	Ancient Indian History and Culture	A cultural sutdy of Rasa and Garba of Gujarat (From the earliest time to the present day)
	Faculty of Science		
17	Shri Raman Kumar Bakshi	Chemistry	Synthetic Studies in Terpenoids
18	Shri K. V. Subbarao	Chemistry	Photochemistry of Organic Iodides
19	Shri Ghanshyam Nagjibhai Patel	Chemistry	Studies in Synthesis and reactions of Xanthones
20	Kumari Kanan Bhudev Pandya	Geology	Micro-found and Ecological studies of the Holocene Sediments of Gujarat Coast
21	Shri Narayanam Samfasiva Rao	Physics	Electron Scattering by same light atoms
22	Kumari Vibha Kantilal Patel	Chemistry	Effect of the Ligands Nature on Ternary Complex Stability
23	Smt. P. Sunderbai	Bio-Chemistry	Studies on Protein-Cabrie malnutrition
24	Smt. Jyoti Rajesh Anandjiwala	Bio-Chemistry	Studies on growth and development during adolescence
25	Shri Shaileshkumar Shantilal Shah	Bio-Chemistry	8 Skeletal Status in relation to age, Sex and Nutritional Status
26	Shri Indravadan Raojibhi Patel	Microbiology	Studies on Bacteriocin and Bacteriophage of Psuedomonas Aerngincsa
27	Kum. Savita Kumari Om Prakash	Mathematics	On some generalisations of Classical Polyno
28	Shri Sureshchandra Maneklal Desai	Chemistry	Studies in Coumarins
29	Shri Rameshchandra Chandulal Shah	Physics	Microhardness and Deformation Studies of Prismath Antimony Alloy Single Crystals
30	Shri K. Subbarao	Bio-Chemistry	Studies on Iron Chelates and their effects on iron absorption
31	Shri H. B. Vijaykumar	Chemistry	Chemistry of Ayurvedic Crude Drugs
32	Shri Harjit Singh Daljit Singh Banga	Bio-Chemistry	Studies on Rat Central Nervous System Myelin

Sr.No.	Name	Subjects	Title of the Thesis
33	Shri C. N. Ramchand	Bio-Chemistry	Studies on Neurototin from LATHYRUS SATIUYS
34	Kumari Manjiri Vithalrao Toraskar	Micro-Biology	Some problems associated with part Harvest Storage of fruits.
35	Shri Laxman Singh Chamyal	Geology	Geological Studies around Loharkhet Dhakuri area in Kumaon Himalaya with Special reference to the meta-basics and the main Central trust.
36	Shri Jyotindra Pramodray Vyas	Geology	Geomorphic evolution of Rajpipla Hills and the Neighbouring Coastal Plain.
37	Shri John K. T.	Chemistry	Advances in the Chemistry of Hydroxamic Acid.
38	Shri Gulam Nabi Qazi	Micro-Biology	Microbial production of Citric Acid from N. Braffins
39	Shri Phiroze Behram Sethna	Micro-Biology	Factors regulating Nitrogen Fixation in Rhizobial species
	Faculty of Education and Psychology		
40	Shri Y.F.W. Prasada Rao	Education	Factors that make a lecture effective at the College level.
41	Sister Lobo Stella Ann	Education	A study of values manifested in Principals with reference to institutional efficiency.
42	Shri Sanskaranarayana Sivarama Krishnan	Education	Development of Multi media package for teaching a course on audio visual education.
43	Smt. Buppha Sirirassamee	Education	A study of adjustment among different groups of students in colleges of Education in Thailand.
44	Shri M. N. Ravindranath	Education	Education in a rural community an indepta study of a village in Karnataka.
45	Shri Sunil Behaai Mohanty	Education	A study of student teaching programme in colleges of Education with special reference to innovation

Sr.No.	Name	Subjects	Title of the Thesis
46	Sister Mary Petronine Howell Harris Kongrimai	Education	A study of Adaptability of secondary schools in Meghalaya.
47	Kumari Indu Seth	Education	A study of the effectiveness of educational television (ETV) on the educational development of primary school children.
48.	Smt. Sulekha Dinkar Patankar	Education	A study of Instruction of the Post-graduate level in the M. S. University of Baroda.
49.	Shri Ganesh Lal Mehta	Education	A study of roll conflicts of Teachers.
50.	Shri Madanlal Dutt	Education	Socio-Psychological study of the Tribal High School Male Students of Himachal Pradesh with High Achievement motivation.
51.	Shri Mohandas Balakrishna Menon	Education	Evolving a multi-media approach to teaching at Post-graduate level.
52.	Smt. Hemlata Talesra	Education	Higher Education among women (an analysis of the situation of Higher Education of district level).
53.	Kum Bhuwaneshwari Bhanuprasad Dholakia	Education	A study of class-room climate and pupil growth construction of tools and survey.
54.	Kum K. A. Lalit Kumari	Education	A study of class-room climate Teacher behaviour and pupils psycho in innovative class-rooms of some schools of Karnataka.
	Faculty of Medicine		
55.	Shri Atulkumar Prabhudas Rajani	Pharmacology	Pre-synaptic regulation of transmitter release.
	Faculty of Technology and Engineering		
56.	Shri Surrendra Mohan Khanna	Pharmacy	Studies on the Analysis of some important medicinal Agents and their Dosage forms.

Sr.No.	Name	Subjects	Title of the Thesis
57.	Shri Arvind Jethalal Shah	Appllied Physics	Electron—Optical study of Micro-structures and related properties on Crystal Surfaces (Sodium Nitrate and Calcite).
58.	Shri Dushyantkumar Raojibhai Patel	Pharmacy	Determination of Active Constituents in Drugs and Drug Formulation.
59.	Kum. Swarnalata Suryanarayan Nandula	Applied Physics	Ultrasonic Investigations in some Binary and Ternary Alloys.
	Faculty of Fine Arts		
60.	Kum. Parul Ashok-chandra Shah	Dance	Ras-Dance of Gujarat.
61	Kum. Subhashini Aryan	Philosophy in Art History	Wooden Architecture and wood carving in Western Himalayan region A structural and Stylistic Study.
	Faculty of Home Science		
62	Smt. Rachel George	Home-Management	An exploratory study of commitment of Families to energy related goals.
63	Kumari Pushpa Rani Mathur	Clothing and Textile	Costumes of the rulers of the Mewar (with Patterns and Construction Techniques)
64	Kumari Aperna Hariprasad Khaund	Home Science Education & Extension Education	Social norms academic achievement motivations and attitudes related to academic achievement and job aspirations of graduates students from selected Home Science Students in India.
65	Smt. Feroza Sultana	Home Management	A study of female labour force participation in development its extent and impact on Family Living in Rural Bangaladesh.

Sr.No.	Name	Subjects	Title of the Thesis
66	Smt. Shubhadra Jaydev Kanani	Foods & Nutrition	Intervention studies with anti parasties, vitamin A and Iron supplements on midday meal programme beneficiaries.
	Faculty of Social Work		
67	Kumari Rekha Mukherjee	Social Work	Development Organic and Social Problems.

Results of the University Examination of April, 1984

Sr. No.	Examination	Number appeared					Number Passed											
				Men			Men					Women						
		No. Regd.	No. Absent	Men	Women	Total	I Class Dist.	I Class	II Class	Pass Class	Total	I Class Dist.	I Class	II Class	Pass Class	Total	Grand Total	Percentage of Passes
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
1.	F.Y.B.A.	631	30	217	384	601	—	14	20	26	60	—	50	55	35	140	200	33.27%
*2.	S.Y.B.A.	651	38	252	361	613	—	—	—	55	55	—	—	—	146	146	201	32.62%
3.	T.Y.B.A.	532	37	368	127	495	3	6	35	52	96	6	34	84	114	238	334	67.47%
*4.	M.A. Part I	242	24	54	164	218	—	—	—	55	55	—	—	—	122	122	177	81.19%
5.	M.A. Part II	184	13	61	110	171	1	7	13	23	44	6	15	40	39	100	144	84.21%
6.	Dip. in French Language	15	3	7	5	12	—	2	3	1	6	—	2	2	1	5	11	01.66%
7.	U.G.Dip. in German Language	27	3	14	10	24	5	2	5	2	14	2	7	1	—	10	24	100%
8.	Post-Dip. in German Language	6	1	3	2	5	1	2	—	—	3	—	2	—	—	2	5	100%
9.	Dip. in Russian Language	2	1	—	1	1	—	—	—	—	—	—	1	—	—	1	1	100%
10.	Diploma in Arabic	11	3	6	2	8	4	1	1	—	6	2	—	—	—	2	8	100%
11.	Diploma in Persian	1	—	1	—	1	—	—	—	—	—	—	—	—	—	—	—	—
12.	Bachelor of Library Science	26	1	4	21	25	—	—	3	1	4	—	4	7	7	18	22	88.00%
13.	Post-Diploma in Linguistics	1	—	—	1	1	—	—	—	—	—	—	1	—	—	1	1	100%
14.	Acharya	3	—	2	1	3	—	—	—	1	1	—	—	—	—	—	1	33.33%
15.	Shastri	6	2	2	2	4	—	1	1	—	2	—	1	1	—	2	4	100%
16.	Visharad	2	1	1	—	1	—	—	—	—	—	—	—	—	—	—	—	—
17.	Post-Dip. in Russian Language	1	—	1	—	1	—	1	—	—	1	—	—	—	—	—	1	100%
18.	F.Y.B.Sc.	930	13	602	315	917	—	51	111	105	267	—	72	60	55	187	454	40.50%
*19.	S.Y.B.Sc.	524	16	312	196	508	—	—	—	224	224	—	—	—	167	167	391	76.96%
20.	T.Y.B.Sc.	514	23	311	180	491	9	32	62	40	143	16	39	71	59	185	328	66.80%
*21.	M.Sc. (Previous)	285	18	164	103	267	—	—	—	123	123	—	—	—	27	97	220	82.32%
22.	M.Sc. (Final)	240	4	148	88	236	2	40	56	29	127	3	32	34	16	85	221	89.83%
23.	M.Sc. (Applied Geology)	8	2	6	—	6	—	4	—	—	4	—	—	—	—	—	4	66.66%
24.	Dip. in Laboratory Techniques	10	—	9	1	10	—	2	4	2	8	—	1	—	—	1	9	90.00%
25.	Post-M.Sc. Dip. in Nut. Biochemi.	5	—	4	1	5	—	1	1	—	2	—	—	—	1	1	3	60.00%
‡26.	B.Ed.	163	—	58	105	163	2	5	26	10	43	7	36	65	6	113	156	95.70%
‡27.	M.Ed.	28	1	15	12	27	—	2	6	3	11	—	3	9	3	15	26	96.30%
‡28.	P.G.Dip. in Edu-Administration	6	—	4	2	6	2	—	2	—	4	—	1	1	—	2	6	100%
29.	P.G.Dip in Organisation Behaviour	8	—	7	1	8	1	2	3	1	7	—	—	1	—	1	8	100%
30.	P.G.Dip. in Clinical & Com. Psy.	9	—	2	7	9	—	—	2	—	2	2	5	—	—	7	9	100%
31.	F.Y.B.Com.	2904	21	1821	1062	2883	—	58	281	402	741	—	70	202	239	511	1252	43.35%
*32.	S.Y.B.Com.	2190	121	1286	783	2069	—	—	—	826	826	—	—	—	559	559	1385	67.13%
33.	T.Y.B.Com.	2032	113	1199	720	1919	1	49	332	406	788	—	47	272	230	549	1337	69.93%
*34.	T.Y.B.Com. (Under O.Com. 25)	3	—	3	—	3	—	—	—	3	3	—	—	—	—	—	3	
*35.	M.Com. (Previous)	560	148	308	104	412	—	—	—	222	222	—	—	—	88	88	310	75.60%
36.	M.Com. (Final)	315	23	215	77	292	5	17	89	85	196	—	12	49	25	77	273	93.4%
*37.	M.Com. Part I-O.C.	2	2	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
38.	M.Com. Part II-O.C.	38	8	30	—	30	—	2	14	11	27	—	—	—	—	—	27	90.00%
*39.	P.G.Diploma in Co-operation	21	8	10	3	13	—	—	—	3	3	—	—	—	1	1	4	36.36%
40.	P.G. Diploma in Banking	57	11	21	25	46	—	—	14	2	16	—	2	5	5	12	28	60.86%
*41.	First M.B.B.S.	46	1	39	6	45	—	—	—	25	25	—	—	—	6	6	31	68.88%
*42.	Second M.B.B.S.	115	1	92	22	114	—	—	—	78	78	—	—	—	21	21	99	86.84%
*43.	Third M.B.B.S.	127	3	101	23	124	—	—	—	82	82	—	—	—	18	18	100	80.64%
*44.	F.Y.B.Physiotherapy—April,1984	29	—	1	28	29	—	—	—	1	1	—	—	—	16	16	17	58.62%

* No Class is awarded.

‡ From 1968 Examinations Grades are awarded to the Candidates but the results are declared in Classes i.e. I Class Dist., I Class, II Class and Pass Class.

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
*45.	F.Y.B.Physio. (Suppl.)-August, 84	6	—	—	6	6	—	—	—	—	—	—	—	—	5	5	5	83.83%
*46.	S.Y.B.Physiotherapy-April, 1984	26	—	2	24	26	—	—	—	—	—	—	—	—	21	21	21	80.77%
*47.	S.Y.B.Physio.(Suppl.)-August, 84	5	—	2	3	5	—	—	—	2	2	—	—	—	3	3	5	100%
*48.	T.Y.B.Physiotherapy	20	—	—	20	20	—	—	—	—	—	—	—	—	13	13	13	65.00%
*49.	M.D.	35	2	31	2	33	—	—	—	19	19	—	—	—	2	2	21	63.63%
*50.	M.S.	22	—	22	—	22	—	—	—	16	16	—	—	—	—	—	16	72.72%
*51.	Diploma in Ophthalmology	4	—	4	—	4	—	—	—	4	4	—	—	—	—	—	4	100%
*52.	Diploma in Anaesthesiology	2	—	1	1	2	—	—	—	1	1	—	—	—	1	1	2	100%
*53.	Diploma in Laryngology & Otology	1	—	1	—	1	—	—	—	1	1	—	—	—	—	—	1	100%
*54.	Diploma in Child Health	4	—	4	—	4	—	—	—	2	2	—	—	—	—	—	2	50.00%
*55.	Dip. in Obstetrics & Gynaecology	4	—	3	1	4	—	—	—	3	3	—	—	—	1	1	4	100%
*56.	Dip. in Venereology & Dermatology	1	—	1	—	1	—	—	—	1	1	—	—	—	—	—	1	100%
*57.	Diploma in Industrial Health	1	—	1	—	1	—	—	—	1	1	—	—	—	—	—	1	100%
*58.	M.Sc. (Medical)—Part II	13	—	9	4	13	—	—	—	6	6	—	—	—	2	2	2	61.53%
*59.	I Sem. of F.Y.Dip. (CME)	149	10	137	2	139	—	—	—	45	46	—	—	—	—	—	45	32.60%
60.	II Sem. of F.Y.Dip. (CME)	415	5	381	29	410	—	61	106	70	237	—	3	14	7	24	261	63.8%
61.	I Sem. of S.Y.Dip. (CME)	127	12	114	1	115	—	—	—	50	50	—	—	—	—	—	50	42.6%
62.	II Sem. of S.Y.Dip. (CME)	398	10	368	20	388	—	92	93	70	255	—	6	7	7	19	274	79.5%
*63.	I Sem. of Final Year D.C.E.	17	3	14	—	14	—	—	—	6	6	—	—	—	—	—	6	42.8%
64.	I Sem. of Final Year D.M.E.	20	2	18	—	18	—	—	—	12	12	—	—	—	—	—	12	66.6%
*65.	I Sem. of Final Year D.E.E.	13	3	10	—	10	—	—	—	10	10	—	—	—	—	—	10	100%
66.	II Sem. of Final Year D.C.E.	164	9	150	5	155	—	107	28	4	139	—	4	1	—	5	144	92.90%
67.	II Sem. of Final Year D.M.E.	150	3	147	—	147	—	84	34	8	126	—	—	—	—	—	126	85.7%
68.	II Sem. of Final Year D.E.E.	78	—	76	2	78	—	31	36	9	76	—	2	—	—	2	78	82.00%
*69.	I Sem. of (CME)-V Sem. Course Course—H.S.C. Passed	7	2	5	—	5	—	—	—	3	3	—	—	—	—	—	3	60.00%
*70.	II Sem. of (CME)—Vth Sem. Course—H.S.C. Passed	7	1	6	—	6	—	—	—	5	5	—	—	—	—	—	5	83.00%
*71.	III Sem. of (CME) Vth Sem. Course—H.S.C. Passed	15	—	15	—	15	—	—	—	6	6	—	—	—	—	—	6	49.00%
*72.	IV Sem. of (Civil)—Vth Sem. Course—H.S.C. Passed	70	—	69	1	70	—	—	—	68	68	—	—	—	1	1	69	98.57%
*73.	IV Sem. of (Mech.)—Vth Sem. Course—H.S.C. Passed	62	—	62	—	62	—	—	—	62	62	—	—	—	—	—	62	100%
*74.	IV Sem. of (Elect)—Vth Sem. Course—H.S.C. Passed	46	—	45	1	46	—	—	—	45	45	—	—	—	1	1	46	100%
75.	Vth Sem. of (Civil)—Vth Sem. Course—H.S.C. Passed	5	—	5	—	5	—	1	2	2	5	—	—	—	—	—	5	100%
76.	Vth Sem. of (Mech.)—Vth Sem. Course—H.S.C. Passed	1	—	1	—	1	—	—	1	—	1	—	—	—	—	—	1	100%
*77.	I Sem. of F.Y.Dip. (CME)-XII Passed VI Sem. Course	42	3	38	1	39	—	—	—	36	36	—	—	—	1	1	37	94.9%
78.	II Sem. of F.Y.Dip. (CME)-XII Passed VI Sem. Course	201	1	193	7	200	—	—	—	168	168	—	—	—	6	6	174	87.00%
*79.	I Sem. of S.Y.Dip. (CME)-EDC	192	20	171	1	172	—	—	—	43	43	—	—	—	1	1	44	25.58%
80.	II Sem. of S.Y.Dip. (CME)-EDC	172	11	160	1	161	—	1	10	34	45	—	—	—	—	—	45	27.95%
*81.	I Sem. of Final Year D.C.E.-EDC	14	2	11	1	12	—	—	—	6	6	—	—	—	—	—	6	50.00%
*82.	I Sem. of Final Year D.M.E.-EDC	16	3	13	—	13	—	—	—	9	9	—	—	—	—	—	9	69.2%
*83.	I Sem. of Final Year D.E.C.-EDC	53	13	40	—	40	—	—	—	10	10	—	—	—	—	—	10	25.00%
84.	II Sem. of Final Year D.C.E.-EDC	42	1	40	1	41	—	20	9	3	32	—	—	—	—	—	32	75.6%
85.	II Sem. of Final Year DMC-EDC	54	9	45	—	45	29	9	2	40	—	—	—	—	—	—	40	76.47%
86.	II Sem. of Final Year D.E.E.-EDC	72	23	49	—	49	—	4	11	9	24	—	—	—	—	—	24	50.17%
*87.	I Sem. of F.Y.Dip. (PCT)	18	1	16	1	17	—	—	—	4	4	—	—	—	—	—	4	23.5%
88.	II Sem. of F.Y.Dip. (PCT)	53	1	48	4	52	—	8	13	4	25	—	—	4	—	4	29	55.7%
*89.	I Sem. of S.Y.Dip. (PCT)	12	—	12	—	12	—	—	—	5	5	—	—	—	—	—	5	50.00%
90.	II Sem. of S.Y.Dip. (PCT)	46	—	39	7	46	—	2	10	14	26	—	3	4	—	7	33	71.7%
*91.	I Sem. of T.Y.Dip. (PCT)	14	2	12	—	12	—	—	—	7	7	—	—	—	—	—	7	58.33%
92.	II Sem. of T.Y.Dip. (PCT)	43	1	42	—	42	—	6	9	12	27	—	—	—	—	—	27	64.2%
*93.	I Sem. of Final Year Dip. (Petro.)	1	—	1	—	1	—	—	—	1	1	—	—	—	—	—	1	100%
*94.	I Sem. of Final Yr. Dip. (Fertilizers)	1	—	1	—	1	—	—	—	—	—	—	—	—	—	—	—	00.00%
95.	II Sem of Final Yr. Dip. (Petro.)	19	—	19	—	19	—	13	5	1	19	—	—	—	—	—	19	100%
96.	II Sem. of Final Yr. Dip. (Plastics)	20	—	19	1	20	—	17	2	—	19	—	—	1	—	1	20	100%
97.	II Sem of Final Year Dip. (Fertilizers)	18	—	18	—	18	—	17	—	—	17	—	—	—	—	—	17	94.44%

* No Class is awarded.

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1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
*98	II Sem. of P.D.D. vef. and Air-Conditioning	3	1	2	—	2	—	—	—	2	2	—	—	—	—	—	2	100%
99.	II Sem. of P.D.D. Ref. and Air-Conditioning	18	—	18	—	18	—	9	8	—	17	—	—	—	—	—	17	94.00%
*100.	I Sem. of F.Y.BSc. (Tech.) Text. Chem.	4	—	4	—	4	—	—	—	2	2	—	—	—	—	—	2	50.00%
101.	II Sem. of F.Y.B.Sc. (Tech.) Text. Chem.	16	—	16	—	16	3	4	5	1	13	—	—	—	—	—	13	86.6%
*102.	I Sem. of S.Y.B.Sc. (Tech.) Text. Chem.	1	—	1	—	1	—	—	—	1	1	—	—	—	—	—	1	100%
103.	II Sem. of S.Y.B.Sc. (Tech.) Text. Chem.	16	—	16	—	16	1	3	8	—	12	—	—	—	—	—	12	75.00%
*104.	I Sem. of T.Y.B.S.c (Tech.) Text. Tech.	1	1	—	—	—	—	—	—	—	—	—	—	—	—	—	—	— 00.00%
105.	II Sem. of T.Y.B.Sc. (Tech.) Text. Chem.	20	1	19	—	19	4	10	5	—	19	—	—	—	—	—	19	100%
*106	I Sem. of F.Y.D.T.C.	7	—	7	—	7	—	—	—	1	1	—	—	—	—	—	1	16.66%
107	II Sem. of F.Y.D.T.C.	14	—	14	—	14	—	2	3	2	7	—	—	—	—	—	7	50.00%
*108	I Sem. of Final D.TC..	2	—	2	—	2	—	—	—	—	—	—	—	—	—	—	—	00.00%
109	II Sem. of Final D.T.C.	10	—	10	—	10	—	2	6	—	8	—	—	—	—	—	8	80.00%
*110.	I Sem. of Final B.Sc. D.T.C.	10	4	6	—	6	—	—	—	4	4	—	—	—	—	—	4	66.66%
111.	II Sem. of Final B.Sc. D.T.C.	40	1	39	—	39	—	1	20	7	28	—	—	—	—	—	28	72.00%
*112.	I Sem. of F.Y.D.T.T.	7	—	7	—	7	—	—	—	1	1	—	—	—	—	—	1	14.28%
113.	II Sem. of F.Y.D.T.T.	21	—	20	1	21	—	2	5	6	13	—	—	—	—	—	13	61.90%
* 14.	I Sem. of Final Year D.T.T.	2	—	2	—	2	—	—	—	1	1	—	—	—	—	—	1	50.00%
15.	II Sem. of Final Year D.T.T.	17	—	17	—	17	—	5	5	3	13	—	—	—	—	—	13	81.25%
116.	I Sem. of F.Text. (Engg. & Tech.)	31	9	22	—	22	—	—	—	12	12	—	—	—	—	—	12	60.00%
117.	II Sem. of F.Text. (Engg. & Tech.)	65	3	60	2	62	1	2	15	9	27	—	—	1	1	2	29	47.54%
*118.	I Sem. of S.Text. (Engg. & Tech.)	10	2	8	—	8	—	—	—	6	6	—	—	—	—	—	6	75.00%
119.	II Sem. of S.Text. (Engg. & Tech.)	56	—	55	1	56	5	8	24	12	49	1	—	—	—	1	50	80.3%
*120.	I Sem. of T.Text. (Engg.)	6	—	6	—	6	—	—	—	6	6	—	—	—	—	—	6	100%
*121.	I Sem. of T.Text. (Tech.)	3	—	3	—	3	—	—	—	1	1	—	—	—	—	—	1	33.33%
122.	II Sem. of T.Text. (Engg.)	17	1	16	—	16	—	2	8	5	15	—	—	—	—	—	15	94.00%
123.	II Sem. of T.Text. (Tech.)	30	—	30	—	30	1	7	17	2	27	—	—	—	—	—	27	90.00%
*124.	I Sem. of B.Text. (Engg.)	9	2	7	—	7	—	—	—	4	4	—	—	—	—	—	4	57.00%
*125.	I Sem. of B.Text. (Tech.)	1	—	1	—	1	—	—	—	—	—	—	—	—	—	—	—	00.00%
126.	II Sem. of B.Text. (Engg.)	34	4	30	—	30	4	9	13	2	28	—	—	—	—	—	28	90.00%
127.	II Sem. of B.Text. (Tech.)	35	1	34	—	34	7	14	12	—	33	—	—	—	—	—	33	100%
*128.	I Sem. of B.E. I (CME, Chem., Met, Electro., Comp. Sc.) -4 Yr.	219	20	187	12	199	—	—	—	79	79	—	—	—	4	4	83	41.70%
129.	II Sem. of B.E. I (CME, Chem., Met., Electro., Comp. Sc.)—4 Yr.	483	6	435	42	477	34	54	118	78	284	3	4	15	6	28	312	65.40%
*130.	I Sem. of B.E. II (CME, Chem., Met., Electro., Comp. Sc.)—4 Yr.	123	2	116	5	121	—	—	—	58	58	—	—	—	3	3	61	50.00%
131.	II Sem. of B.E. (CME, Chem., Met., Electro., Comp. Sc.)—4 Yr.	398	1	381	16	397	44	74	128	60	306	3	5	3	2	13	319	80.3%
*132.	I Sem. of B.E. III (CME, Chem., Met., Electro.)—4 Yr.	52	1	50	1	51	—	—	—	32	32	—	—	—	—	—	32	62.74%
133.	II Sem. of B.E. III (CME, Chem., Met., Electro.)—4 Yr.	310	—	299	11	310	43	77	108	36	264	—	2	8	—	10	274	88.38%
*134.	I Sem. of B.E. IV (Civil)—4 Year (Final)	1	—	1	—	1	—	—	—	1	1	—	—	—	—	—	1	100%
*135.	I Sem. of B.E. IV (Electrical) —4 Year (Final)	4	—	3	1	4	—	—	—	3	3	—	—	—	1	1	4	100%
*136.	I Sem. of B.E. IV (Chemical) —4 Year (Final)	5	—	5	—	5	—	—	—	4	4	—	—	—	—	—	4	80.00%
*137.	I Sem. of B.E. IV (Electronics)— 4 Year (Final)	3	—	3	—	3	—	—	—	3	3	—	—	—	—	—	3	100%
138.	II Sem. of B.E. IV (Civil)—4 Year (Final)	34	—	32	2	34	19	10	3	—	32	2	—	—	—	2	34	100%
139.	II Sem. of B.E. IV (Mechanical) —4 Year (Final)	78	—	78	—	78	52	22	4	—	78	—	—	—	—	—	78	100%
140.	II Sem. of B.E. IV (Electrical)— 4 Year (Final)	28	—	22	6	28	6	9	7	—	22	1	2	3	—	6	28	100%

* No Class is awarded.

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
141.	II Sem. of B.E. IV (Chemical)—4 Year (Final)	28	—	28	—	28	9	13	5	—	27	—	—	—	—	—	27	96.42%
142	II Sem. of B.E. IV (Metallurgy)—4 Year (Final)	1	—	1	—	1	—	1	—	—	1	—	—	—	—	—	1	100%
143.	II Sem. of B.E. IV (Electronics)—4 Year (Final)	18	1	14	3	17	9	1	1	—	11	3	—	—	—	—3	14	82.35%
*144.	I Sem. of B.E. III (CME, Chem., Met.)—5 Year	18	2	16	—	16	—	—	—	5	5	—	—	—	—	—	5	31.25%
145.	II Sem. of B.E. III (CME, Chem., Met.)—5 Year	24	2	22	—	22	—	—	—	2	2	—	—	—	—	—	2	9.09%
*146.	I Sem. of B.E. IV (CME, Chem., Met., Electro.)—5 Year	51	4	46	1	47	—	—	—	21	21	—	—	—	—	—	21	45.65%
147.	II Sem. of B.E. IV (CME, Chem., Met., Electro.)—5 Year	240	2	225	13	238	18	43	101	24	185	—	3	6	3	12	108	83.54%
*148.	I Sem. of B.E. V (Civil)—5 Year (Final)	1	—	1	—	1	—	—	—	—	—	—	—	—	—	—	—	00.00%
*149.	I Sem. of B.E. V (Mechanical)—5 Year (Final)	1	—	1	—	1	—	—	—	1	1	—	—	—	—	—	1	100%
*150.	I Sem. of B.E. V (Electrical)—5 Year (Final)	9	—	9	—	9	—	—	—	8	8	—	—	—	—	—	8	88.88%
*151.	I Sem. of B.E. V (Chemical)—5 Year (Final)	5	—	5	—	5	—	—	—	5	5	—	—	—	—	—	5	100%
*152.	I Sem. of B.E. V (Metallurgy)—5 Year (Final)	5	—	5	—	5	—	—	—	1	1	—	—	—	—	—	1	20.00%
153.	II Sem. of B.E. V (Civil)—5 Year (Final)	85	—	83	2	85	51	25	5	—	81	1	1	—	—	2	83	97.64%
154.	II Sem. of B.E. V (Mechanical)—5 Year (Final)	86	—	86	—	86	48	31	7	—	86	—	—	—	—	—	86	100%
155.	II Sem. of B.E. V (Electrical)—5 Year (Final)	49	1	41	7	48	4	16	16	3	39	2	2	3	—	7	46	95.83%
156.	II Sem. of B.E. V (Chemical)—5 Year (Final)	24	—	24	—	24	6	12	4	1	23	—	—	—	—	—	23	95.83%

157.	II Sem. of B.E. V (Metallurgy)—5 Year (Final)	28	—	28	—	28	8	6	9	1	24	—	—	—	—	—	24	85.71%
158.	II Sem. of B.E. V (Electronics)—5 Year	19	—	18	1	19	4	9	4	—	17	1	—	—	—	1	18	94.73%
*159.	I Sem. of Final Year B.E. (Civil)—P.T.D.	22	—	21	—	21	—	—	—	21	21	—	—	—	—	—	21	100%
*160.	I Sem. of Final Year B.E. (Mechanical)—P.T.D.	28	—	28	—	28	—	—	—	25	25	—	—	—	—	—	25	89.28%
*161.	I Sem. of Final Year B.E. (Electrical)—P.T.D.	33	—	33	—	33	—	—	—	25	25	—	—	—	—	—	25	75.75%
162.	II Sem. of Final Year B.E. (Mechanical)—P.T.D.	4	—	4	—	4	—	1	2	—	3	—	—	—	—	—	3	75.00%
163.	II Sem. of Final Year B.E. (Electrical)—P.T.D.	5	1	4	—	4	—	—	1	1	2	—	—	—	—	—	2	50.00%
*164.	I Sem. of B.E. I (Electronics)—Post B.Sc.	4	—	4	—	4	—	—	—	2	2	—	—	—	—	—	2	50.00%
165.	II Sem. of B.E. I (Electronics)—Post B.Sc.	22	—	21	1	22	3	—	10	4	17	—	1	—	—	1	18	81.81%
*166.	I Sem. of B.E. II (Electronics) —Post B.Sc.	13	1	12	—	12	—	—	—	10	10	—	—	—	—	—	10	83.33%
167.	II Sem. of B.E. II (Electronics) —Post B.Sc.	22	—	20	2	22	—	—	6	12	18	—	—	1	1	2	20	90.9%
*168.	I Sem. of B.E. III (Electronics)—Post B.Sc. (Final)	11	—	10	1	11	—	—	—	7	7	—	—	—	—	—	7	63.5%
169.	II Sem. of B.E. III (Electronics) —Post B.Sc. (Final)	33	—	32	1	33	2	6	16	—	24	—	—	1	—	1	25	76.75%
*170.	M.E. (CME, Chem., Met.)—Part I —O.C.	4	—	4	—	4	—	—	—	2	2	—	—	—	—	—	2	50.00%
*171.	M.E. (CME, Chem., Met.)— —Part I—N.C.	12	5	7	—	7	—	—	—	5	5	—	—	—	—	—	5	71.14%
*172.	M.E. (CME, Chem., Met.)—Part II—O.C.	2	—	2	—	2	—	—	—	—	—	—	—	—	—	—	—	—

* No Class is awarded.

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
*173.	M.E. (CME, Chem., Met.)—Part II—N.C.	65	2	56	2	58	—	—	—	56	56	—	—	—	2	2	58	100%
*174.	M.E. (CME, Chem., Met.)—Part III—O.C.	5	1	4	—	4	—	—	—	4	4	—	—	—	—	—	4	100%
175.	M.E. (Civil)—Part IV—O.C.	7	1	6	—	6	5	1	—	—	6	—	—	—	—	—	6	100%
176.	M.E. (Mechanical)—Part IV—O.C.	5	2	3	—	3	3	—	—	—	3	—	—	—	—	—	3	100%
177.	M.E. (Electrical)—Part IV—O.C.	6	1	5	—	5	1	3	1	—	5	—	—	—	—	—	5	100%
178.	M.E. (Chemical)—Part IV—O.C.	6	4	2	—	2	—	2	—	—	2	—	—	—	—	—	2	100%
*179.	M.Text. (Engg.)—Part II—N.C.	6	—	6	—	6	—	—	—	6	6	—	—	—	—	—	6	100%
180.	M.Text. (Engg.)—Part IV	5	—	4	1	5	—	4	—	—	4	1	—	—	—	1	5	100%
*181.	I Sem. of M.Sc. (Applied Chemistry)	6	—	6	—	6	—	—	—	3	3	—	—	—	—	—	3	50.00%
*182.	II Sem. of M.Sc.(Applied Chemistry)	21	1	19	1	20	—	—	—	18	18	—	—	—	1	1	19	95.00%
*183.	III Sem. of M.Sc. (Applied Chemistry)	3	—	3	—	3	—	—	—	3	3	—	—	—	—	—	3	100%
184.	IV Sem. of M.Sc. (Applied Chemistry)	22	—	18	4	22	10	7	—	—	17	—	4	—	—	4	21	95.4%
*185.	I Sem. of M.Sc. (Applied Physics)	3	—	2	1	3	—	—	—	1	1	—	—	—	1	1	2	66.66%
*186.	II Sem. of M.Sc. (Applied Physics)	15	—	14	1	15	—	—	—	13	13	—	—	—	1	1	14	93.33%
*187.	III Sem. of M.Sc. (Applied Physics)	4	1	3	—	3	—	—	—	2	2	—	—	—	—	—	2	66.66%
188.	IV Sem. of M.Sc. (Applied Physics)	10	1	9	—	9	—	3	6	—	9	—	—	—	—	—	9	100%
*189.	I Sem. of M.Sc. (Applied Maths.)	2	—	1	1	2	—	—	—	—	—	—	—	—	1	1	1	50.00%
*190.	II Sem. of M.Sc. (Applied Maths.)	16	—	12	4	16	—	—	—	11	11	—	—	—	4	4	15	93.75%
*191.	III Sem. of M.Sc. (Applied Maths.)	5	—	3	2	5	—	—	—	1	1	—	—	—	1	1	2	40.00%
192.	IV Sem. of M.Sc. (Applied Maths.)	23	—	10	13	23	1	3	2	1	7	1	2	4	2	9	16	69.56%
*193.	I Sem. of B.Pharm. I	9	1	5	3	8	—	—	—	5	5	—	—	—	3	3	8	100%
194.	II Sem. of B.Pharm. I	33	1	5	27	32	2	—	1	1	4	3	6	13	2	24	28	87.5%
*195.	I Sem. of B.Pharm. II	5	—	2	3	5	—	—	—	1	1	—	—	—	3	3	4	80.00%
196.	II Sem. of B. Pharm. II	26	1	11	15	26	3	3	1	1	8	8	3	3	1	15	23	95.83%
*197.	I Sem. of P.Pharm. III	1	—	—	1	1	—	—	—	—	—	—	—	—	1	1	1	100%
*198.	II Sem. of B.Pharm. III	22	—	7	15	22	1	2	4	—	7	4	2	5	2	13	20	90.91%
*199.	I Sem. of B.Pharm. IV (Final Year)	3	1	1	1	2	—	—	—	—	—	—	—	—	1	1	1	50.00%
200.	II Sem. of B.Pharm. IV (Final Year)	24	1	5	18	23	—	4	—	—	4	4	8	6	—	18	22	95.65%
*201.	I Sem. of M.Pharm. I	1	—	1	—	1	—	—	—	1	1	—	—	—	—	—	1	100%
202.	II Sem. of M.Pharm. I	5	—	1	4	5	—	—	—	1	1	—	—	—	4	4	5	100%
203.	II Sem. of M.Pharm. II	3	—	2	1	3	1	1	—	—	2	1	—	—	—	1	3	100%
*204.	I Sem. of B.Arch. I	5	—	2	3	5	—	—	—	2	2	—	—	—	2	2	4	80.00%
205.	II Sem. of B.Arch. I	37	—	15	22	37	1	1	7	4	13	1	4	10	3	18	31	83.7%
*206.	I Sem. of B.Arch. II	12	1	5	6	11	—	—	—	3	3	—	—	—	4	4	7	63.3%
207.	II Sem. of B.Arch. II	44	1	25	18	43	—	3	7	4	14	—	—	3	6	9	23	53.5%
*208.	I Sem. of B.Arch. III	7	—	5	2	7	—	—	—	3	3	—	—	—	1	1	4	57.00%
209.	II Sem. of B.Arch III	43	—	21	22	43	—	—	10	4	14	1	1	10	2	14	28	66.74%
*210.	I Sem. of B.Arch. IV	2	—	2	—	2	—	—	—	2	2	—	—	—	—	—	2	100%
211.	II Sem. of B.Arch. IV	34	—	21	13	34	—	4	8	4	16	—	1	5	2	8	24	70.5%
*212.	I Sem. of B Arch. V (Final)	3	—	3	—	3	—	—	—	1	1	—	—	—	—	—	1	33.3%
213.	II Sem. of B.Arch. V (Final)	39	—	21	18	39	—	2	10	2	14	1	5	6	3	15	29	74.3%
*214.	I Sem. of P.G.Dip. in Corrosion Tech.	2	—	2	—	2	—	—	—	1	1	—	—	—	—	—	1	50.00%
215.	II Sem. of P.G.Dip. in Corrosion Tech.	8	—	8	—	8	1	2	4	—	7	—	—	—	—	—	7	87.5%
*216.	I Sem. of P.G.Dip. in Material Testing Technology	6	1	4	1	5	—	—	—	1	1	—	—	—	—	—	1	20.00%
217.	II Sem. of P.G.Dip. in Material Testing Technology	13	2	10	1	11	—	2	3	2	7	—	—	—	—	—	7	63.63%
*218.	I Sem. of P.G.Dip. in Soild State Electronics	3	—	3	—	3	—	—	—	2	2	—	—	—	—	—	2	66.66%
219.	II Sem. of P.G.Dip. in Solid State Electronics	12	—	12	—	12	—	—	9	3	12	—	—	—	—	—	12	100%
*220.	I Sem. of P.G.Dip. Computer Applications	5	—	5	—	5	—	—	—	3	3	—	—	—	—	—	3	60.00%
221.	II Sem. of P.G.Dip. in Computer Applications	16	1	10	5	15	—	—	7	—	7	1	2	2	—	5	12	85.71%

* No Class is awarded.

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
222.	II Sem. of P.G.Dip. in Operation Research	9	—	7	2	9	—	3	4	—	7	—	1	1	—	2	9	100%
223.	First LL.B. (General)	799	265	459	75	534	—	6	136	57	199	—	2	20	6	28	227	42.00%
224	Second LL.B. (General)	404	89	270	45	315	—	—	80	32	112	—	—	16	5	21	133	42.22%
225.	LL.B. (Special)	103	17	73	13	86	—	1	57	4	62	—	—	—	12	12	74	86.04%
*226.	LL.M. Part I	40	16	22	2	24	—	—	—	6	6	—	—	—	—	—	6	25.00%
227.	LL.M. Part II	17	5	12	—	12	—	—	9	—	9	—	—	—	—	—	9	75.00%
*228.	D.L.P.	156	29	113	14	127	—	—	—	52	52	—	—	—	8	8	60	47.24%
*229.	D.T.P.	213	43	141	29	170	@5	—	—	63	68	—	—	—	12	12	80	47.06%
230.	Diploma in Music, Dance and Dramatics	60	1	35	24	59	—	2	10	15	27	—	1	10	7	18	45	76.00%
231.	B.Mus.	34	—	13	21	34	1	4	4	—	9	2	9	6	1	18	27	91.00%
232.	M.Mus.	12	—	4	8	12	—	1	2	1	4	1	5	1	—	7	11	91.00%
233.	Diploma in Fine Arts	34	—	30	4	34	—	11	14	5	30	—	2	2	—	4	34	100%
234.	Post-Diploma in Fine Arts	17	—	12	5	17	2	6	4	—	12	—	1	4	—	5	17	100%
235.	B.A. (Fine)	21	—	14	7	21	—	4	9	1	14	—	3	1	3	7	21	100%
236.	M.A. (Fine)	24	1	12	11	23	1	5	6	—	12	1	5	5	—	11	23	100%
237.	M.A. (Fine)—Museology	2	—	2	—	2	1	1	—	—	2	—	—	—	—	—	2	100%
238.	B.Sc. (Home)	127	1	—	126	126	—	—	—	—	—	§21	$49	‡16	£8	124	124	98.4%
239.	M.Sc. (Home)	40	2	—	38	38	—	—	—	—	—	§13	$20	‡5	—	38	38	100%
240.	P.G.Diploma in Pre-School Education	24	—	—	24	24	—	—	—	—	—	§6	$17	‡1	—	24	24	100%
241.	U.G. Diploma in Child Development	16	—	—	16	16	—	—	—	—	—	§3	$10	‡3	—	16	16	100%
*242.	M.S.W.	30	—	15	15	30	—	—	—	15	15	—	—	—	15	15	30	100%
*243.	P.G.Diploma in Industrial Relations and Personnel Management	6	—	5	1	6	—	—	—	5	5	—	—	—	1	1	6	100%
*244.	Ph.D. (Arts)	7	—	5	2	7	—	—	—	5	5	—	—	—	2	2	7	100%
*245.	Ph.D. (Science)	10	—	7	3	10	—	—	—	7	7	—	—	—	3	3	10	100%
*246.	Ph.D. (Edu. and Psychology)	10	—	4	6	10	—	—	—	4	4	—	—	—	6	6	10	100%
*247.	Ph.D. (Tech. and Engg.)	1	—	1	—	1	—	—	—	1	1	—	—	—	—	—	1	100%
*248.	Ph.D. (Fine Arts)	1	—	—	1	1	—	—	—	—	—	—	—	—	1	1	1	100%
*249.	PhD. (Home Science)	3	—	—	3	3	—	—	—	—	—	—	—	—	3	3	3	100%

* No Class is awarded. @ Passed with Distinction § Passed with 'A' Grade $ Passed with 'B' Grade
‡ Passed with 'C' Grade £ Passed with 'D' Grade.

Results of the University Examinations of October/November, 1984

Sr. No.	Examination	Number appeared				Number Passed												
				Men			Men					Women						
		No. Regd.	No. Absent	Men	Women	Total	I Class Dist.	I Class	II Class	Pass Class	Total	I Class Dist.	I Class	II Class	Pass Class	Total	Grand Total	Percentage of Passes
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
1.	F.Y.B.A.	320	51	87	182	269	—	—	—	15	15	—	1	—	45	46	61	22.45%
*2.	S.Y.B.A.	321	48	109	164	273	—	—	—	31	31	—	—	—	76	76	107	38.70%
3.	T.Y.B.A.	113	24	51	38	89	—	—	2	15	17	—	—	—	25	25	42	48.31%
*4.	M.A. Part—I	30	8	12	10	22	—	—	—	10	10	—	—	—	6	6	16	72.72%
5.	M.A. Part—II	23	4	7	12	19	—	—	1	5	6	—	—	4	4	8	14	73.68%
6.	F.Y.B.Sc.	387	38	240	100	349	—	—	2	104	106	—	—	1	36	37	143	40.97%
*7.	S.Y.B.Sc.	123	15	81	27	108	—	—	—	38	38	—	—	—	20	20	58	54.20%
8.	T.Y.B.Sc.	149	28	98	23	121	1	2	10	32	45	—	1	5	7	13	58	48.33%
*9.	M.Sc. (Previous)	44	8	13	23	36	—	—	—	19	19	—	—	—	4	4	23	67.22%
10.	M.Sc. (Final)	8	4	3	1	4	—	—	—	1	1	—	—	—	—	—	1	25.00%
11.	F.Y.B.Com.	1403	126	822	455	1277	—	—	1	303	304	—	—	—	210	210	514	40.20%
*12.	S.Y.B.Com.	688	94	381	213	594	—	—	—	133	133	—	—	—	103	103	236	39.73%
13.	T.Y.B.Com.	486	121	262	103	365	—	—	3	60	63	—	—	2	24	26	89	24.34%
*14.	T.Y.B.Com. (O.Com. 25)	8	6	2	—	2	—	—	—	2	2	—	—	—	—	—	2	100%
*15.	M.Com. (Previous)	128	36	77	15	92	—	—	—	47	47	—	—	—	11	11	58	63.07%
16.	M.Com. (Final)	30	7	21	2	23	—	—	11	7	18	—	—	1	1	2	20	86.09%
17.	M.Com. Part—II	6	3	—	3	3	—	—	—	3	3	—	—	—	—	—	3	100%
18.	P.G. Diploma in Banking	8	3	2	3	5	—	—	1	—	1	—	—	—	—	—	1	20.00%
*19.	P.G. Diploma in Co-operation	6	3	3	—	3	—	—	—	3	3	—	—	—	—	—	3	100%
*20.	M.B B.S.—I	154	4	113	37	150	—	—	—	85	85	—	—	—	27	27	112	74.66%
*21.	M.B.B.S.—II	50	1	40	9	49	—	—	—	21	21	—	—	—	5	5	26	53.06%
*22.	M.B.B.S—III	144	3	122	19	141	—	—	—	105	105	—	—	—	18	18	123	87.23%
*23.	M.Sc. Medical Part—I	6	1	—	5	5	—	—	—	—	—	—	—	—	5	5	5	100%
*24.	M.Sc. Medical Part—II	20	2	11	7	18	—	—	—	4	4	—	—	—	3	3	7	38.88%
*25.	T.Y.B.Physiotherapy	7	—	—	7	7	—	—	—	—	—	—	—	—	7	7	7	100%
*26.	M.D.	40	2	29	9	38	—	—	—	21	21	—	—	—	7	7	28	75.00%
*27.	M.S.	25	—	24	1	25	—	—	—	14	14	—	—	—	1	1	15	60.00%
*28.	Diploma in Ophalmology	2	—	2	—	2	—	—	—	2	2	—	—	—	—	—	2	100%
*29.	Diploma in Anaesthesiology	2	—	1	1	2	—	—	—	1	1	—	—	—	1	1	2	100%
*30.	Dip. in Laryngology and Otology	1	—	1	—	1	—	—	—	—	—	—	—	—	—	—	—	Nil
*31.	Diploma in Tuberculousis	1	—	1	—	1	—	—	—	1	1	—	—	—	—	—	1	100%
*32.	Dip. in Obstetrics and Gynaecology	4	—	3	1	4	—	—	—	3	3	—	—	—	1	1	4	100%
*33.	Diploma in Child Health	2	1	1	—	1	—	—	—	1	1	—	—	—	—	—	1	100%
*34.	Diploma in Public Health	1	—	1	—	1	—	—	—	—	—	—	—	—	1	—	—	Nil
*35.	Diploma in Industrial Health	1	—	1	—	1	—	—	—	1	1	—	—	—	—	—	1	100%
*36.	Dip. in Medical Radio Diagnosis	1	—	—	1	1	—	—	—	—	—	—	—	—	1	1	1	100%
*37.	I Sem. F. Y. Dip. (CME) Xth Passed (NC)	437	9	404	24	428	—	—	—	260	260	—	—	—	15	15	275	64.25%
38.	II Sem. F. Y. Dip. (CME) (OC and NC)	113	6	103	4	107	—	—	—	41	41	—	—	—	1	1	42	38.50%
*39.	I Sem. S. Y. Dip. (CME)	395	12	356	27	383	—	—	—	228	228	—	—	—	21	21	249	65.01%
40.	II Sem. S. Y. Dip. (CME)	82	5	76	1	77	—	—	—	29	29	—	—	—	—	—	29	37.66%
*41.	I Sem. of D.C.E.	172	4	153	15	168	—	—	—	144	144	—	—	—	11	11	155	92.00%
42.	II Sem. of D.C.E.	10	1	9	—	9	—	1	—	3	4	—	—	—	—	—	4	44.44%
*43.	I Sem. of D.M.E.	89	2	87	—	87	—	—	—	77	77	—	—	—	—	—	77	88.05%

* No Class is awarded.

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
44.	II Sem. of D.M.E.	17	3	14	—	14	—	1	3	2	6	—	—	—	—	—	6	42.85%
*45.	I Sem. of D.E.E.	81	—	74	7	81	—	—	—	65	65	—	—	—	7	7	72	88.88%
46.	II Sem. of D.E.E.	9	1	8	—	8	—	—	—	3	3	—	—	—	—	—	3	37.50%
*47.	I Sem. Diploma (CME) H.S.C. Passed V Sem. Course	2	—	2	—	2	—	—	—	2	2	—	—	—	—	—	2	100%
48.	III Sem. Diploma in (CME) H.S.C. Passed V Sem. Course	6	2	4	—	4	—	—	—	2	2	—	—	—	—	—	2	50.00%
*49.	IV Sem. Diploma in (CME) H.S.C. Passed V Sem. Course	1	1	—	—	—	—	—	—	—	—	—	—	—	—	—	—	Nil
50.	V Sem. Diploma in (Civil) H.S.C. Passed V Sem. Course	69	1	67	1	68	—	63	4	—	67	—	1	—	—	1	68	100%
51.	V Sem. Diploma in (Mechanical) H.S.C. Passed V Sem. Course	60	—	60	—	60	—	55	5	—	60	—	—	—	—	—	60	100%
52.	V Sem. Diploma in (Electrical) H.S.C. Passed V Sem. Course	46	—	45	1	46	—	36	9	—	45	—	1	—	—	1	46	100%
*53.	I Sem. F. Y. Dip. (CME) HSC Passed VI Sem. Course	185	1	175	9	184	—	—	—	161	161	—	—	—	9	9	170	92.50%
54.	II Sem F. Y. Dip. (CME) HSC Passed VI Sem. Course	16	—	16	—	16	—	—	—	16	16	—	—	—	—	—	16	100%
*55.	I Sem of S. Y. Dip.. in (Civil) H.S.C. Passed VI Sem. Course	64	1	59	4	63	—	—	—	56	56	—	—	—	4	4	60	95.23%
*56.	I Sm. of S. Y. Dip. in (Mechanical) HSC Passed VI Sem. Course	59	—	59	—	59	—	—	—	51	51	—	—	—	—	—	51	86.44%
*57.	I Sem. of S. Y. Dip. in (Electrical) HSC Passed VI Sem. Course	55	—	52	3	55	—	—	—	49	49	—	—	—	3	3	52	94.54%
*58.	I Sem. S. Y. Dip. in (NC and OC) (CME)—EDC	232	15	217	—	—	—	—	—	74	74	—	—	—	—	—	74	34.10%
59.	II Sem. S.Y. Diploma in (CME-EDC)	52	10	42	—	42	—	—	—	8	8	—	—	—	—	—	8	19.04%
*60.	I Sem. of Final Year D.C.E—(EDC)	49	5	43	1	44	—	—	—	37	37	—	—	—	1	1	38	86.30%
61.	II Sem. of Final Year D.C.E (EDC)	8	4	3	1	4	—	—	1	—	1	—	—	—	1	1	2	50.00%
62.	I Sem. of Final Year D.M.E. (EDC)	59	10	49	—	49	—	—	—	38	38	—	—	—	—	—	38	77.50%
63.	II Sem. of Final Year D.M.E.(EDC)	13	3	10	—	10	—	2	1	1	4	—	—	—	—	—	4	40.00%
*64.	I Sem. of Final Year D.E.E. (EDC)	53	13	40	—	40	—	—	—	13	13	—	—	—	—	—	13	32.50%
65.	II Sem. of Final Year D.E.E.(EDC)	26	10	16	—	16	—	—	—	4	4	—	—	—	—	—	4	25.00%
*66.	I Sem. of F. Y. Dip. in P.C.T.	61	2	52	7	59	—	—	—	34	34	—	—	—	7	7	41	69.40%
67.	II Sem. of F. Y Dip in P C T.	17	—	17	—	17	—	—	—	4	4	—	—	—	—	—	4	23.52%
*68.	I Sem. of S. Y. Dip. in P.C.T.	46	—	42	4	46	—	—	—	24	24	—	—	—	4	4	28	60.86%
69.	II Sem. of S. Y. Dip. in P.C.T.	10	—	9	1	10	—	—	—	2	2	—	—	—	1	1	3	30.00%
*70.	I Sem. of T. Y. Dip. in P.C.T. (OC)	6	1	5	—	5	—	—	—	2	2	—	—	—	—	—	2	40.00%
71.	II Sem. of T. Y. Dip. in P.C.T. (OC)	15	1	14	—	14	—	—	—	7	7	—	—	—	—	—	7	53.08%
72.	I Sem. of T. Y. Dip. in P. C.T. (NC)	33	—	26	7	33	—	—	—	23	23	—	—	—	7	7	30	90.90%
*73.	I Sem. of Final Year Dip. in (PCT) (OC) Petroleum Technology	14	—	14	—	14	—	—	—	14	14	—	—	—	—	—	14	100%
*74.	I Sem. of Final Year Dip. in (PCT) (OC) Plastic Technology	13	—	13	—	13	—	—	—	13	13	—	—	—	—	—	13	100%
*75.	I Sem. of Final Year Dip. in (PCT) (OC) Fertilizer Technology	10	1	9	—	9	—	—	—	9	9	—	—	—	—	—	9	100%
76.	II Sem. of Final Year Dip. in (PCT) (OC) Fertilizer Technology	1	1	—	—	—	—	—	—	—	—	—	—	—	—	—	—	Nil
*77.	I Sem. of P.D.D. Refri. & Air Cond.	14	—	14	—	14	—	—	—	8	8	—	—	—	—	—	8	57.14%
*78.	I Sem. of F. Y. D.T.T.	19	1	18	—	18	—	—	—	3	3	—	—	—	—	—	3	18.00%
79.	II Sem. of F. Y. D.T.T.	7	1	5	1	6	—	—	—	—	—	—	—	—	—	—	—	Nil
*80.	I Sem. of S. Y. D.T.T.	17	—	17	—	17	—	—	—	12	12	—	—	—	—	—	12	72.00%
*81.	I Sem. of Final Yr. D.T.T.	12	—	11	1	12	—	—	—	11	11	—	—	—	1	1	12	100%
82.	II Sem. of Final Yr. D.T.T.	2	—	2	—	2	—	2	—	—	—	—	—	—	—	—	2	100%
*83.	I Sem. of F. Y. D.T.C.	27	3	24	—	24	—	—	—	12	12	—	—	—	—	—	12	50.00%
84.	II Sem. of F. Y. D.T.C.	2	—	2	—	2	—	—	—	1	1	—	—	—	—	—	1	50.00%
*85.	I Sem. of S. Y. D.T.C.	16	—	16	—	16	—	—	—	11	11	—	—	—	—	—	11	67.00%
*86.	I Sem. of Final Year D.T.C.	16	—	16	—	16	—	—	—	14	14	—	—	—	—	—	14	84.00%
87.	II Sem. of Final Year D.T.C.	1	—	1	—	1	—	—	—	—	—	—	—	—	—	—	—	Nil
*88.	I Sem. of D.T.C. B.Sc. Passed	55	8	46	1	47	—	—	—	28	28	—	—	—	1	1	29	61.00%
89.	II Sem. of Final Yr. D.T.C. B.Sc. Passed	5	—	5	—	5	—	—	—	5	5	—	—	—	—	—	5	100%
*90.	I Sem. of F. Text. (Engg. & Tech.)	67	2	63	2	65	—	—	—	35	35	—	—	—	—	—	35	53.09%

* No Class is awarded.

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
91.	II Sem. of F. Text. (Engg. & Tech.)	15	2	13	—	13	—	—	—	4	4	—	—	—	—	—	4	33.33%
*92.	I Sem. of S. Text. (Engg. & Tech.)	35	1	32	2	34	—	—	—	28	28	—	—	—	1	1	29	85.29%
93.	II Sem. of S. Text. (Engg. & Tech.)	3	2	1	—	1	—	—	—	—	—	—	—	—	—	—	—	Nil
*94.	I Sem. T. Text. (Engg.)	22	—	22	—	22	—	—	—	18	18	—	—	—	—	—	18	81.81%
95.	II Sem. T. Text. (Engg.)	1	—	1	—	1	—	—	—	1	1	—	—	—	—	—	1	100%
*96.	I Sem. of T. Text (Tech.)	28	—	27	1	28	—	—	—	26	26	—	—	—	1	1	27	96.42%
97.	II Sem. T. Text. (Tech.)	2	1	1	—	1	—	—	—	—	—	—	—	—	—	—	—	Nil
*98.	I Sem. B. Text. Final Yr. (Engg.)	19	—	19	—	19	—	—	—	18	18	—	—	—	—	—	18	94.73%
99	II Sem B. Text. Final Yr. (Engg.)	1	—	1	—	1	—	—	—	1	1	—	—	—	—	—	1	100%
*100	I Sem. B Text. Final Yr (Tech.)	29	2	27	—	27	—	—	—	26	26	—	—	—	—	—	26	96.02%
101.	II Sem. B Text Final Yr. (Tech.)	1	1	—	—	—	—	—	—	—	—	—	—	—	—	—	—	Nil
*102	I Sem. B.E I (CME; Chem.; Met.; Electro.; CST)—4 Year	539	6	496	37	533	—	—	—	253	253	—	—	—	20	20	273	51.21%
103.	II Sem. B.E. I (CME; Chem.; Met.; Electro.; CST)— 4 Year	107	5	96	6	102	—	—	—	26	26	—	—	—	2	2	28	27.45%
*104.	I Sem. B.E. II (CME.; Chem.; Met. (Electro.; CST)—4 Year	501	8	455	38	493	—	—	—	340	340	—	—	—	30	30	370	75.15%
105.	II Sem. B.E. II (CME.; Chem.; Met.; Electro.; CST)— 4 Year	54	1	52	1	53	—	—	—	21	21	—	—	—	1	1	22	41.50%
*106.	I Sem. B.E. III (CME.; Chem.; Met.; Electro.;. CST)— 4 Year	435	5	408	22	430	—	—	—	333	333	—	—	—	18	18	351	81.86%
107.	II Sem. B.E. III (CME.; Chem.; Met.; Electro.: CST)—4 Year	28	—	28	—	28	—	—	—	16	16	—	—	—	—	—	16	57.14%
*108.	I Sem. B.E. Final Yr. (Civil)-4 Yr.	77	—	72	5	77	—	—	—	72	72	—	—	—	5	5	77	100%
*109.	I Sem. B.E. Final Year (Mecha) nical)— 4 Year	101	—	101	—	101	—	—	—	100	100	—	—	—	—	—	100	99.00%
*110.	I Sem. B.E. Final Year (Electri) cal)— 4 Year	44	—	40	4	44	—	—	—	34	34	—	—	—	4	4	38	86.36%
*111.	I Sem. B.E. Final Year (Chemi- cal)—4 Year	33	1	30	2	32	—	—	—	27	27	—	—	—	2	2	29	90.93%
*112.	I Sem. B.E. Final Year (Metallurgy)—4 Year	7	—	6	1	7	—	—	—	6	6	—	—	—	1	1	7	100%
*113.	I Sem. B.E. Final Year (Electronics)—4 Year	36	—	34	2	36	—	—	—	31	31	—	—	—	2	2	33	91.66%
114.	II Sem. B.E. Final Year (Chemical)—4 Year	1	—	1	—	1	—	—	—	1	1	—	—	—	—	—	1	100%
115.	II Sem. B.E. Final Year (Electronics)—4 Year	5	—	5	—	5	—	—	1	—	1	—	—	—	—	—	1	20.00%
116.	II Sem. B.E. III (CME.; Chem.; Met.; Electro.; CST)—5 Year	14	—	14	—	14	—	—	—	5	5	—	—	—	—	—	5	45.50%
*117.	I Sem. of B.E. IV Five Year Degree Course	26	3	22	1	23	—	—	—	11	11	—	—	—	—	—	11	45.45%
118.	II Sem. B.E. IV Five Years Degree Course	29	2	26	1	27	—	—	—	10	10	—	—	—	—	—	10	37.00%
*119.	I Sem. B.E. V (Civil)—Final Year—5 Year Course	75	—	74	1	75	—	—	—	73	73	—	—	—	1	1	74	98.66%
*120.	I Sem. B.E. V (Mech.)—Final Year—5 Year Course	70	—	68	2	70	—	—	—	67	67	—	—	—	2	2	69	98.57%
*121.	I Sem. B.E. V (Elect.)—Final Year—5 Year Course	28	—	21	7	28	—	—	—	13	13	—	—	—	7	7	20	71.42%
*122.	I Sem. B.E. V (Chem.) Final Year 5 Year Course	11	—	11	—	11	—	—	—	9	9	—	—	—	—	—	9	81.81%
*123.	I Sem. B.E. V (Met.) Final Year 5 Year Course	27	—	26	1	27	—	—	—	21	21	—	—	—	1	1	22	81.48%
*124.	I Sem. B.E. V (Electro.) Final Year—5 Year Course	17	—	15	2	17	—	—	—	13	13	—	—	—	2	2	15	88.23%
125.	II Sem. B.E. V (Civil)—Final Year—5 Year Course	2	—	2	—	2	—	—	1	—	2	—	—	—	—	—	2	100%
126.	II Sem. B.E. V (Elect.)—Final Year—5 Year Course	3	—	3	—	3	—	1	1	—	2	—	—	—	—	—	2	66.66%
127.	II Sem. B.E. V (Chem.) Final Year 5 Year Course	1	—	1	—	1	—	—	—	1	1	—	—	—	—	—	1	100%

* No Class is Awarded.

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
128.	II Sem. B.E. V (Met.) Final Yr. 5 Year Course	3	—	3	—	3	—	—	—	1	1	—	—	—	—	—	1	33.33%
129.	II Sem. B.E. V (Electro.) Final Year—5 Year Course	1	—	1	—	1	—	—	—	1	1	—	—	—	—	—	1	100%
*130.	I Sem. B.E. I (Electronics) Post B.Sc.	24	2	19	3	22	—	—	—	15	15	—	—	—	3	3	18	81.81%
131.	II Sem. B.E. I (Electronics) Post B.Sc.	3	—	3	—	3	—	—	—	2	2	—	—	—	—	—	2	66.66%
*132	I Sem. Of B.E. II (Electronics) Post B.Sc.	22	1	20	1	21	—	—	—	6	6	—	—	—	1	1	7	33 33%
133.	II Sem. of B.E. II (Electronics) Post B.Sc.	1	—	1	—	1	—	—	—	1	1	—	—	—	—	—	1	100%
*134.	I Sem. of B.E. III (Electronics) Post B.Sc.	25	—	23	2	25	—	—	—	14	14	—	—	—	2	2	16	64.00%
135.	II Sem. of B.E. III (Electronics) Post B.Sc.	6	1	5	—	5	—	—	2	—	2	—	—	—	—	—	2	40.00%
*136.	I Sem. B.E. IV (Civil) Final Year P.T.D.	1	—	1	—	1	—	—	—	1	1	—	—	—	—	—	1	100%
*137.	I Sem. B E IV (Mechanical) P.T.D. Final Year	3	4	2	—	2	—	—	—	1	1	—	—	—	—	—	1	50.00%
*138.	I Sem. B.E. IV (Electrical) P.T.D. Final Year	8	—	8	—	8	—	—	—	7	7	—	—	—	—	—	7	87.50%
139.	II Sem. B. E. IV (Civil) P.T.D. Final Year	22	—	22	—	22	15	3	3	—	21	—	—	—	—	—	21	95.45%
140.	II Sem. B.E. IV (Mechanical) P.T.D. Final Year	28	1	27	—	27	4	13	6	—	23	—	—	—	—	—	23	85.18%
141.	II Sem. B.E. IV (Electrical) P.T.D. Final Yr.	33	1	32	—	32	3	6	8	2	19	—	—	—	—	—	19	59.37%
*142.	M.E. I (Civil, Mech.) O.C.	2	—	2	—	2	—	—	—	2	2	—	—	—	—	—	2	100%
*143.	M.E. I (Electrical; CST)	5	—	5	—	5	—	—	—	5	5	—	—	—	—	—	5	100%
*144.	M.E. I (CME, Chem.; Met.) N.C.	60	3	55	2	57	—	—	—	36	36	—	—	—	2	2	38	67.85%
*145.	M.E. I I (CME, Chem. Met.) O.C.	3	1	2	—	2	—	—	—	—	—	—	—	—	—	—	—	Nil
*146.	M.E. II (CME, Chem., Met.) N.C.	4	—	4	—	4	—	—	—	—	—	—	—	—	—	—	—	Nil
147.	M.E. III (CME) N.C. Final Yr. (Civil)	3	1	2	—	2	—	2	—	—	2	—	—	—	—	—	2	100%
148.	M.E. III (CME) N.C. Final Yr. (Mechanical)	6	4	2	—	2	—	2	—	—	2	—	—	—	—	—	2	100%
149.	M.E. III (CME) N.C. Final Yr. (Metallurgy)	1	1	—	—	—	—	—	—	—	—	—	—	—	—	—	—	Nil
150.	M.E. IV Final Yr. (CME, Chem , Met.) O.C. (Civil)	11	1	10	—	10	2	8	—	—	10	—	—	—	—	—	10	100%
151.	M.E. IV Final Yr. (CME, Chem., Met.) O.C. (Mechanical)	2	—	2	—	2	2	—	—	—	2	—	—	—	—	—	2	100%
152.	M.E. IV Final Yr. (CME, Chem., Met.) O.C. (Electrical)	5	2	3	—	3	2	1	—	—	3	—	—	—	—	—	3	100%
153.	M.E. IV Final Yr. (CME, Chem., Met.) O.C. (Chemical)	2	—	2	—	2	—	2	—	—	2	—	—	—	—	—	2	100%
*154.	M.Text. (Engg.) I (N.C.)	5	1	4	—	4	—	—	—	4	4	—	—	—	—	—	4	100%
155.	M.Text. (Engg.) III (N.C.)	4	—	4	—	4	3	1	—	—	4	—	—	—	—	—	4	100%
156.	M.Text. (Engg.) IV (O.C.)	3	—	3	—	3	1	2	—	—	3	—	—	—	—	—	3	100%
*157.	I Sem. of M.Pharm. I	5	—	—	5	5	—	—	—	—	—	—	—	—	5	5	5	100%
*158.	I Sem. of M.Pharm. II	4	—	—	4	4	—	—	—	—	—	—	—	—	4	4	4	100%
*159.	I Sem. of. M.Sc. (App. Physics)	12	1	11	—	11	—	—	—	9	9	—	—	—	—	—	9	81.81%
*160.	II Sem. of M.Sc. (App. Physics)	2	1	1	—	1	—	—	—	—	—	—	—	—	—	—	—	Nil
*161.	III Sem. of M.Sc. (App. Physics)	14	3	9	2	11	—	—	—	9	9	—	—	—	2	2	11	100%
162.	IV Sem. of M.Sc. (App. Physics)	2	—	2	—	2	—	—	1	—	—	—	—	—	—	—	1	50.00%
*163.	I Sem. of M.Sc. (App. Chemistry)	29	2	25	2	27	—	—	—	17	17	—	—	—	2	2	19	67.85%
*164.	II Sem. of M.Sc. (App. Chemistry)	2	1	1	—	1	—	—	—	1	1	—	—	—	—	—	1	50.00%
*165.	III Sem. of M.Sc. (App. Chemistry)	19	—	18	1	19	—	—	—	18	18	—	—	—	1	1	19	100%
166.	IV Sem. of M.Sc. (App. Chemistry)	1	—	1	—	1	—	—	—	—	—	—	—	—	—	—	—	Nil
*167.	I Sem. of M.Sc. (App. Maths.)	15	1	12	2	14	—	—	—	10	10	—	—	—	2	2	12	85.71%
*168.	II Sem. of M.Sc. (App. Maths.)	1	—	1	—	1	—	—	—	1	1	—	—	—	—	—	1	100%
*169.	III Sem. of M.Sc. (App. Maths.)	15	—	10	5	15	—	—	—	9	9	—	—	—	5	5	14	100%
170.	IV Sem. of M.Sc. (App. Maths.)	4	—	2	2	4	—	—	—	—	—	—	—	—	1	1	1	25.00%

* No Class is awarded.

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
*171.	I Sem. of Post B.Sc. Diploma in Computer Application	30	1	18	11	29	—	—	—	15	15	—	—	—	9	9	24	82.07%
172.	II Sem. of Post B.Sc. Diploma in Computer Application	3	—	3	—	3	—	—	1	—	1	—	—	—	—	—	1	33.33%
*173.	I Sem. of Master of Computer Application	28	1	21	6	27	—	—	—	15	15	—	—	—	5	5	20	74.07%
*174.	I Sem. of Post B.Sc. Diploma in Operation Research	5	1	2	2	4	—	—	—	—	—	—	—	—	2	2	2	50.00%
*175.	I Sem. of Post B.Sc. Diploma in Corrosion Technology	5	—	5	—	5	—	—	—	4	4	—	—	—	—	—	4	80.00%
*176.	I Sem. of Post B.Sc. Diploma in Solid State Electronics	6	—	6	—	6	—	—	—	6	6	—	—	—	—	—	6	100%
*177.	I Sem. of Post B.Sc. Diploma in Material Testing Technology	5	1	3	1	4	—	—	—	3	3	—	—	—	1	1	4	100%
*178.	I Sem. of Post B.Sc. Diploma in Geotechnique	6	—	5	1	6	—	—	—	3	3	—	—	—	1	1	4	66.66%
*179.	I Sem. of Post B.Sc. Diploma in Environmental Science	10	—	6	4	10	—	—	—	6	6	—	—	—	3	3	9	90.00%
*180.	I Sem. of B.Arch. I	25	—	13	12	25	—	—	—	8	8	—	—	—	6	6	14	56.00%
181.	II Sem. of B.Arch. I	3	1	1	1	2	—	—	—	—	—	—	—	—	1	1	1	50.00%
*182.	I Sem. of B.Arch. II	37	1	14	22	36	—	—	—	12	12	—	—	—	16	16	28	77.70%
183.	II Sem. of B.Arch. II	17	—	11	6	17	—	—	—	6	6	—	—	—	2	2	8	48.80%
*184.	I Sem. of B.Arch. III	36	—	23	13	36	—	—	—	14	14	—	—	—	7	7	21	58.40%
185.	II Sem. of B.Arch. III	15	—	7	8	15	—	—	—	5	5	—	—	—	4	4	9	60.00%
*186.	I Sem. of B.Arch. IV	38	—	19	19	38	—	—	—	13	13	—	—	—	19	19	32	84.20%
187.	II Sem. of B.Arch. IV	10	1	4	5	9	—	—	—	1	1	—	—	—	4	4	5	55.60%
*188.	I Sem. of B.Arch. V (Final)	29	1	18	10	28	—	—	—	14	14	—	—	—	5	5	19	67.85%
189.	II Sem. of B.Arch. V (Final)	8	1	4	3	7	—	—	3	1	4	—	—	—	—	—	4	57.12%
*190.	I Sem. of B.Pharm. I	26	—	8	18	26	—	—	—	1	1	—	—	—	16	16	17	65.30%
191.	II Sem. of B.Pharm. I	4	—	1	3	4	—	—	—	—	—	—	—	—	2	2	2	50.00%
*192.	I Sem. of B.Pharm. II	35	—	9	26	35	—	—	—	7	7	—	—	—	24	24	31	88.57%
*193.	I Sem. of B.Pharm. III	24	—	9	15	24	—	—	—	9	9	—	—	—	15	15	24	100%
194.	II Sem. of B.Pharm. III	2	—	—	2	2	—	—	-	—	—	—	—	—	2	2	2	100%
*195.	I Sem of B.Pharm. IV (Final)	25	—	8	17	25	—	—	—	8	8	—	—	—	16	16	24	96.00%
196	II Sem of B.Pharm IV (Final)	1	—	1	—	1	—	—	—	1	1	—	—	—	—	—	1	100%
*197	I Sem of F.Y.B.Sc (Tech.) Textile Chemistry	19	—	19	—	19	—	—	—	14	14	—	—	—	—	—	14	76.00%
198.	II Sem. of F.Y.B.Sc. (Tech.) Textile Chemistry	3	—	3	—	3	—	—	—	1	1	—	—	—	—	—	1	33.00%
*199	I Sem. of S.Y.B.Sc. (Tech.) Textile Chemistry	16	—	16	—	16	—	—	—	10	10	—	—	—	—	—	10	68.00%
200.	II Sem. of S.Y.B.Sc. (Tech.) Textile Chemistry	4	—	4	—	4	—	—	—	4	4	—	—	—	—	—	4	100%
*201.	I Sem. of T.Y.B.Sc. (Tech.) Textile Chemistry	16	—	16	—	16	—	—	—	16	16	—	—	—	—	—	16	100%
202.	First LL.B. (General)	269	84	162	23	185	—	—	11	38	49	—	—	—	3	3	52	28 10%
203.	Second LL.B. (General)	172	62	94	16	110	—	—	8	27	35	—	—	—	9	9	44	40.00%
204.	LL.B. (Special)	17	3	13	1	14	—	—	4	6	10	—	—	—	1	1	11	78.57%
*205.	LL.M. Part—I	12	4	6	2	8	—	—	—	4	4	—	—	—	—	—	4	50.00%

* No Class is Awarded.

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
*206.	LL.M. Part—II	4	2	2	—	2	—	—	—	1	1	—	—	—	—	—	1	50.00 %
*207.	Diploma in Taxation Laws (DTP)	47	30	17	—	17	—	—	—	11	11	—	—	—	—	—	11	64.70 %
*208	Diploma in Labour Laws (D.L.P.)	32	13	19	—	19	—	—	—	10	10	—	—	—	—	—	10	52.63 %
209	B.Sc. (Home)	17	1	—	16	16	—	—	—	—	—	—	§1	@5	£7	13	13	82.00 %
210	M.Sc. (Home)	9	—	—	9	9	—	—	—	—	—	‡2	§5	£2	—	9	9	100 %
*211.	M.S.W.	1	—	—	1	1	—	—	—	—	—	—	—	—	1	1	1	100 %
*212.	P. G. Diploma in I.R.P.M.	2	—	2	—	2	—	—	—	1	1	—	—	—	—	—	1	50.00 %
*213.	Ph.D. (Arts)	10	—	8	2	10	—	—	—	8	8	—	—	—	2	2	10	100 %
*214.	Ph.D. (Science)	12	—	8	4	12	—	—	—	8	8	—	—	—	4	4	12	100 %
*215.	Ph.D. (Education)	7	—	4	3	7	—	—	—	4	4	—	—	—	3	3	7	100 %
*216.	Ph.D. (Medicine)	1	—	1	—	1	—	—	—	1	1	—	—	—	—	—	1	100 %
*217.	Ph.D. (Tech. and Engg.)	2	—	2	—	2	—	—	—	2	2	—	—	—	—	—	2	100 %
*218.	Ph.D. (Fine Arts)	1	—	—	1	1	—	—	—	—	—	—	—	—	1	1	1	100 %
*219.	Ph.D. (Home Science)	2	—	—	2	2	—	—	—	—	—	—	—	—	2	2	2	100 %
*220.	Ph.D. (Social Work)	1	—	—	1	1	—	—	—	—	—	—	—	—	1	1	1	100 %

* No Class is Awarded.
‡ Passed with A Grade.
§ Passed with B Grade.
@ Passed with C Grade.
£ Passed with D Grade.

List of Degree/Diploma conferred at the Annual Convocations during the year 1984-85

Sr. No.	*Degree/Diploma*	*Annual Convocation November, 1984*	*Total*
1.	Ph.D. (Arts)	10	10
2.	Ph.D. (Science)	14	14
3.	Ph.D. (Education)	8	8
4.	Ph.D. (Technology)	1	1
5.	Ph.D. (Fine Arts)	1	1
6.	Ph.D. (Social Work)	1	1
7.	M.D.	21	21
8.	M.S.	16	16
9.	M.A.	143	143
10.	Acharya	1	1
11.	B.A.	311	311
12.	Shastri	4	4
13.	Bachelor of Library Science	22	22
14.	P.G. Diploma in Linguistics	1	1
15.	M.Sc.	206	206
16.	B.Sc.	329	329
17.	Post-M.Sc. Dip. in Nutritional Bio-chemistry	3	3
18.	M.Ed.	27	27
19.	B.Ed.	166	166
20.	P.G. Dip. in Organisational Behaviour	8	8
21.	P.G. Dip. in Clinical Psychology	9	9
22.	P.G. Dip. in Edu. Administration	6	6
23.	M.Com.	295	295
24.	B.Com.	1289	1289
25.	P.G. Diploma in Banking	28	28
26.	P.G. Diploma in Co-operation	4	4
27.	M.Sc. (Medical)	8	8
28.	M.B.B.S.	73	73
29.	B.Physiotherapy	6	6
30.	D.O.	4	4
31.	D.A.	2	2
32.	D.L. and O.	1	1
33.	D.C.H.	2	2

Sr. No.	Degree/Diploma	Annual Convocation November, 1984	Total
34.	D.V. and D.	1	1
35.	D.I.H.	1	1
36.	D.G.O.	4	4
37.	M.E.	15	15
38.	M.Text. (Engg.)	5	5
39.	M.Pharm.	3	3
40.	M.Sc. (Applied Physics)	9	9
41.	M.Sc. (Applied Chemistry)	21	21
42.	M.Sc. (Applied Mathematics)	16	16
43.	B.E.	492	492
44.	B.Text. (Engg.)	28	28
45.	B.Text. (Tech.)	33	33
46.	B.Arch.	29	29
47.	B.Pharm.	22	22
48.	Bachelor of Science (Tech.) Textile Chemistry	19	19
49.	P.G. Diploma in Corrosion Technology	7	7
50.	P.G. Diploma in Material Testing	7	7
51.	P.G. Diploma in Solid State Electronics	11	11
52.	P.G. Diploma in Operations Research	9	9
53.	P.G. Diploma in Computer Application	12	12
54.	LL.M.	9	9
55.	LL.B. (Special)	75	75
56.	LL.B. (General)	134	134
57.	D.T.P.	80	80
58.	D.L.P.	60	60
59.	M.A. (Fine)	25	25
60.	M.Mus.	11	11
61.	B.A. (Fine)	21	21
62.	B.Mus.	27	27
63.	M.Sc. (Home)	38	38
64.	B.Sc. (Home)	126	126
65.	P.G. Diploma in Pre-School Education	25	25
66.	M.S.W.	30	30
67.	P.G. Diploma in I.R.P.M.	6	6

Appendix XV

Statement showing the Number of Teaching Staff of various Faculties/Institutions as on 31st March, 1985

Sr. No.	Faculties/Institutions	Professor	Reader*	Lecturer	Teaching Assistant	Honorary Research and others	Part-time	Total
1.	Arts	15	58	40	4	—	—	117
2.	Science	23	43	144	25	—	—	235
3.	Education and Psychology	7	14	14	4	—	1	40
4.	Commerce	10	13	16	19	—	1	59
5.	Tarsali Commerce College	—	—	—	—	—	—	—
6.	Technology and Engineering	60	103	74	15	—	25	277
7.	Fine Arts	7	15	9	4	—	—	35
8.	Home Science	4	11	14	4	—	—	33
9.	Social Work	2	5	6	1	—	1	15
10.	Law	1	3	2	1	9	9	25
11.	Oriental Institute	1	1	5	—	—	—	7
12.	Performing Arts	4	20	19	—	4	1	48
13.	Management Studies	2	—	1	—	—	—	3
14.	Baroda Sanskrit Mahavidyalaya	—	—	8	7	1	3	19
15.	Shri M. K. Amin Arts and Science College and College of Commerce, Padra	—	—	20	4	—	3	27
16.	Polytechnic	— *(heads)	4	82	8	—	3	97
	Total	**136**	**290**	**454**	**96**	**14**	**47**	**1037**

Appendix XV—A

Statement showing (A) the New appointments (B) Teachers appointed to higher position (C) Teachers who left (D) Teachers who returned from aborad (E) Teachers who continued their further studies abroad (F) Teachers who were granted facilities for further studies in India and abroad.

FACULTY OF ARTS

(A) New appointments if any

1. *Economics Department :*

Teaching Assistant—1. Mr. A. R. Dholakia is appointed as a temporary teaching assistant.

2. *Gujarati Department :*

Dr. N. S. Mehta is appointed as Lecturer in Gujarati at the beginning of the first term of 1984-85.

3. *Geography Department :*

Sr. No.	*Name*	*Designation*	*Period of appointment*	*Remarks*
1.	Shri J. M. Sinnarkar	Temporary Draftsman	Since 17-7-1984 with break after every 75 days	
2.	Shri N. T. Rathod	Temporary Lab. Attender	Since 4-1-1984 with a break after every 75 days	
3.	Shri S. M. Gandhi	Temporary Driver	Since 1-11-1984 with break after every 75 days and now working in the University Office	
4.	Shri R. R. Shah	Lecturer	1-4-1985	Transferred from Padra to Baroda with effect from 1-4-85.

4. *German Department :*

Mr. Priya Saldhana, temporary Lecturer, appointed lecturer against permanent post from 7-10-1984.

5. *History Department :*

1. Mr. Hasan Mehmud—Reader
2. Mr. Raj Kumar Hans—Lecturer
3. Mr. Iftikhar Ahmed—Lecturer

6. *Sanskrit Department :*

1. Prof. S. G. Kantawala, Professor and Head, Department of Sanskrit, Pali and Prakrit is appointed in addition to his present position of Professor and Head, as the Director of the Oriental Institute.
2. Dr. J. A. Jani was appointed as Honorary Lecturer in German (for certificate courses in German) in the second term of the year 1984-85 (December, 1984—April 1985) in addition to his present position of Lecturer in Sanskrit.

7. *Sociology Department :*

Miss C. M. Bharucha as a temp. Lecturer from 1st August, 1985

(B) Teachers appointed to higher position

1. *Archaeology Department :*

Dr. S. N. Chowdhary and Dr. B. S. Suryavanshi promoted to the post of Professor and Dr. (Smt.) D. R. Shah, Dr. V. S. Parekh and Dr. V. H. Sonawane promoted as Readers under Merit Promotion Scheme.

2. *English Department :*

Shri S. K. Rana, Lecturer to Reader.
Smt. H. K. Chavan, Lecturer to Reader.

3. *History Department :*

Name of the Teacher	*Designation with subject*	*Remarks (if any)*
1. Miss U. R. Patel	Reader	Merit Promotion Scheme
2. Mr. R. J. Shah	Reader	Merit Promotion Scheme
3. Mrs. S. A. Gokhale	Reader	Merit Promotion Scheme
4. Mr. M. A. Patel	Reader	Merit Promotion Scheme

4. *Marathi Department* :

Kum. S. G. Munshi and Shri G. K. Agnihotri are appointed as a Reader under Merit Promotion Scheme.

5. *Economics Department* :

Name of the Teacher	*Designation with subject*	*Remarks (if any)*
1. Shri P. R. Joshi	Lecturer in Economics	Upgraded to Reader in Economics under MPS.
2. Dr. Y. D. Parikh	Lecturer in Economics	Upgraded to Reader in Economics under MPS.
3. Shri S. K. Verma	Lecturer in Agricultural Economics	Upgraded to Reader in Economics under MPS

(C) Teachers who left

1. *Geography Department* :

Dr. C. M. Gupta	Reader in Geography	Date of Retirement 31-1-1985.

2. *Philosophy Department* :

1. Miss S. Divetia	Reader in Philosophy	Retired 1-6-1984.
2. Shri H. Prapanna	Lecturer in Philosophy	Retired 1-8-1984.

(D) Teachers who returned from abroad after acquiring additional qualifications.

1. *Economics Department* :

Name	*Designation*	*How was the Trip Financed*	*Qualifications/training acquired or experience gained*
Dr. R. H. Dholakia	Reader in Economics	Indo-Canadian Shastri Research Foundation Fellowship of five months for visit to Canada	Research Experience

(E) Teachers who were granted facilities for further studies in India and aborad during the year

1. *Economics Department* :

Name	*Designation*	*How was the Trip Financed*	*Nature of Higher studies/training*
Dr. M. N. Shah	Reader in Economics	Common Wealth Academic Staff Fellowship for visit to London	Research in Economics of Education and Human Resources.

2. *History Departmen* :

Miss U. R. Patel	Reader	In India	To complete her doctoral dissertation.

3. *Russian Department* :

Debal Dasgupta	Lecturer in Russian	UGC Indo-Soviet Cultural Exch. Programme, 1984-85	1. Ph.D. Data Collection. 2. Seminars and Lectures.

FACULTY OF SCIENCE

(A) New Appointments if any

Sr.No.	*Name of the Teacher*	*Designation with subject*	*Remarks (if any)*
1.	Dr. V. K. Singh	Lecturer in Chemistry	26-11-1984
2.	Dr. B. V. Kamath	Lecturer in Chemistry	31-12-1984

(B) Teachers appointed to higher position

Sr.No.	*Name of the Teacher*	*Designation with subject*	*Date of joining*
1.	Dr. (Kum.) S. D. Telang	Professor of Bio-chemistry (UGC/SPA)	18-6-1984
2.	Dr. S. D. Bhadari	Reader in Bio-chemistry (UGC/SPA)	18-6-1984
3.	Dr. M. M. Sharma	Reader in Bio-chemistry (UGC/SPA)	18-6-1984

The following Readers in the Faculty were appointed as Professors (PMP) from the date shown against each of them as per guide-lines of U.G.C. (Merit Promotion) :

1.	Dr. O. P. Goyal	Professor of Mathematics	4-3-1985
2.	Dr. V. P. Bhatt	Professor of Physics	4-3-1985
3.	Dr. M. K. Murti	Professor of Geology	31-3-1985
4.	Dr. P. J. Dave	Professor of Microbiology	31-3-1985

The following Lecturers in the Faculty were appointed as Readers (RMP) from the date shown against each of them as per guide-lines of U.G.C. (Merit Promotion):

1.	Shri S. M. Bagde	Reader in Botany	1-8-1984
2.	Shri N. G. Sawant	Reader in Chemistry	1-8-1984
3.	Dr. (Smt.) K. B. Nair	Reader in Chemistry	1-8-1984
4.	Shri R. R. Joshi	Reader in Mathematics	1-8-1984
5.	Shri A. C. Patel	Reader in Mathematics	1-8-1984
6.	Shri G. B. Patel	Reader in Mathematics	1-8-1984
7.	Shri N. F. Patwa	Reader in Mathematics	1-8-1984
8.	Shri G. S. Desai	Reader in Physics	1-8-1984
9.	Dr. B. B. Thakkar	Reader in Physics	1-8-1984
10.	Dr. Y. M. Naik	Reader in Zoology	1-8-1984
11.	Dr. M. V. Mani	Reader in Chemistry	4-3-1985
12.	Dr. O. K. Shah	Reader in Geology	4-3-1985
13.	Dr. S. G. Patel	Reader in Geology	4-3-1985
14.	Shri V. R. Fadnis	Reader in Physics	4-3-1985
15.	Dr. N. Radhakrishnan	Reader in Zoology	4-3-1985
16.	Dr. S. M. Desai	Reader in Chemistry	31-3-1985
17.	Dr. D. C. Patel	Reader in Chemistry	31-3-1985
18.	Dr. A. P. Patel	Reader in Geology	31-3-1985
19.	Dr. J. P. Vyas	Reader in Geography	31-3-1985
20.	Dr. S. R. Pandya	Reader in Physics	31-3-1985
21.	Dr. J. S. Bandukwala	Reader in Physics	31-3-1985

(C) Teachers who left

	Name of the Teacher	*Designation with subject*	*Remarks (if any)*
1.	Dr. Harjitsingh Banga	Lecturer in Bio-chemistry	10-1-1985 A.O.H.
2.	Shri C. N. Ramchand	Lecturer in Bio-chemistry	30-3-1985 A.O.H.

(D) Teachers who returned from abroad after acquiring additional qualifications

	Name	*Designation*	*How was the trip financed*	*Qualifications/Training acquired or experienced or gained*
1.	Dr. Bonny Pillo	Reader in Zoology	Leave under O. 209-E 1-5-1983 to 30-4-1984	As Visiting Professor at Canada.
2.	Dr. C. K. Menon	Reader (MP) in Zoology	Leave under O. 212 from 6-12-1983 to 6-6-1984 joining vacation	
3.	Dr. J. R. Patadia	Lecturer in Mathematics	Commonwealth Academic Staff Fellowship + Sabbatical Leave	Worked with Professor J. H. Willinmson at* (U.K.) under Post-Doctoral research project and prepared two research papers.
4.	Dr. L. J. Parekh	Professor (MP) in Biochemistry	UNDP/ UNESCO	Did work on fatty acid metabolism and neueonal culture.

*Heriot Watt Liki.

(F) Teachers who were granted facilities for further studies in India and abroad during the year

	Name	*Designation*	*How was the trip financed*	*Nature of Higher Studies/Training*
1	2	3	4	5
1.	Dr. (Smt.) Rangaswamy	Reader (MP) in Geography	Leave under 209-C from 30-6-1984 to 30-9-1984	Deputation to attend Conference at Holland.
2.	Shri D. M. Shringarpure	Reader (MP) in Geology	Leave under O. 209-C from 6-9-1984 to 11-9-1984	To attend symposium and Museum for Geology at West Germany.

1	2	3	4	5
3.	Dr. V. V. Modi	Professor of Microbiology	O. 209 from 25-8-1984 to 6-9-1984	To participate international symposium at Plywich, West Germany.
4	Dr. P. J. Dave	Reader in Microbiology	Japanese JEOL Ltd. Tokyo, Japan Company	Special Training in electron microscope 15 September, 1984 to 3rd October, 1984.
5.	Dr (Kum.) N. F. Gangaramani	Lecturer in Zoology Department	Underwent training in safety in Research application of ionizing radiation at the division of radiological protection, BARC, Bombay.	
6.	Dr. B. C. Chauhan	Reader (MP) in Zoology	Underwent the training in above said	

FACULTY OF EDUCATION & PSYCHOLOGY

(A) New appointments, if any

1. *Department of Education :*

   1. Kum. Ajita Shah, M.Com., B.Ed.—Teaching Assistant.
   2. Dr. Prem Jit Gill, B.Ed., MEd., Ph.D.—Teaching Assistant (Only upto 28-2-1985).

2. *Department of Educational Administration :*

   Shri Nilamber P. Deota, M.A. (Ist Class), B.Ed.—Teaching Assistant.

3. *Department of Psychology :*

   1. Kum. Sharvari Dixit, M.A. (Ist Class)—Teaching Assistant.

(C) Teachers who left

1. *Department of Education :*

Name of the Teacher	*Subject*	*Remarks*
1	2	3
Dr. (Smt.) S. J. Mehta, Reader in Education (MPS)	Education and Teaching of English	Retired on 31-1-1985.

1	2	3

2. *Department of Educational Administration :*

Dr. D. R. Darji, Reader in Educational Administration	Education and Educational Administration	Unfortunately met with an accident with S.T. Bus on way back to Home from Faculty on 12-5-1984 and died. Needs record in the Report.

3. *Department of Psychology :*

Kumari K. R. Advani	Psychology	Resigned from 31-12-1984.

(F) Teachers who were given facilities for further studies in India and abroad during the year

Department of Education :

Name and Designation	*How was the trip financed*	*Nature of Studies*
Shri E. R. Ekbote, Lecturer in Education	Was deputed to a Training Course in Photography organised by NCERT at New Delhi for members in charge of Audio Visual Education. (December 11, 1984 to December 20, 1984.)	

FACULTY OF COMMERCE

(A) New Appointments

Sr.No.	*Name of the Teacher*	*Designation*
1		2
1	Shri G. S. Patel	Lecturer in Commerce, Department of Commerce including Business Administration.
2.	Shri N. S. Patel	Lecturer in Commerce, Department of Commerce including Business Administration.
3.	Shri A. Y. Babi	Lecturer in Business Administration, Department of Commerce including Business Administration.

1	2
4. Shri P. M. Shah	Lecturer in Business Economics, Department of Business Economics.
5. Shri S. A. Saiyed	Lecturer in Business Economics, Department of Business Economics.
6. Smt. R. S. Vaidya	Lecturer in Business Economics, Department of Business Economics.
7. Kum. P. A. Javdekar	Lecturer in Business Economics, Department of Business Economics.

(B) Teachers appointed to higher position under the Merit Promotion Scheme during 1984-85

Sr.No.	*Name of the Teacher*	*Promotion*	*Present Designation*
1.	Dr. D. S. Pathak	Reader to Professor	Professor of Business Economics.
2.	Dr. K. R. Shah	Reader to Professor	Professor of Business Economics.
3.	Prof. I. P. Vyas	Reader to Professor	Professor of Commerce.
4.	Shri H. R. Desai	Lecturer to Reader	Reader in Accounts.
5.	Smt. J. Mishra	Lecturer to Reader	Reader in English.
6.	Shri M. D. Mohite	Lecturer to Reader	Reader in Business Economics.
7.	Shri H. S. Shelat	Lecturer to Reader	Reader in English.
8.	Shri J K. Syan	Lecturer to Reader	Reader in Banking.
9.	Shri M. R. Vyas	Lecturer to Reader	Reader in Business Economics.

MEDICAL COLLEGE

(A) New appointments, if any

Name of the Teacher	*Designation with subject*	*Remarks (if any)*
1. Dr. Niranjan R. Mehta	Dean	Transfer.
2. Dr. S. R. Gosai	Tutor in Anatomy	New Appointment.
3. Dr. G. K. Hathi	Assoc. Professor	Promotion.

Name of the Teacher	*Designation with subject*	*Remarks (if any)*
4. Dr. A. R. Shah	Tutor in Physiology	New Appointment.
5. Kum. V. N. Shah	Tutor in Bio-Chemistry	Transfer (Ahmedabad).
6. Dr. Bipa Paul	Tutor in Pharmacology	New Appointment.
7. Dr. Sunil Sharma	Tutor in Pathology	New Appointment.
8. Dr. D. J. Verma	Tutor in Pathology	New Appointment.
9. Dr. V. S. Mazumdar	Tutor in P.S.M.	New Appointment.
10. Dr. K. K. Trivedi	Tutor in Medicine	New Appointment.
11. Dr. P. B. Thorat	Tutor in Medicine	New Appointment.
12. Mr. M. B. Asnani	Assoc. Prof. in Microbiology	Promotion.
13. Dr. (Miss) Jayshree P. Mehta	Assoc. Prof. in Surgery	Promotion.
14. Dr. R. P. Bharany	Asstt. Professor in Surgery	New Appointment.
15. Dr. M. R. Patel	Asstt. Professor in Surgery	New Appointment.
16. Dr. M. D. Kothari	Asstt. Professor in Urology	New Appointment.
17. Dr. S. L. Pagi	Asstt. Professor in O. & G.	New Appointment.
18. Dr. S. H. Shah	Asstt. Professor in O. & G.	New Appointment.
19. Dr. S. G. Gorbani	Asstt. Prof. in Paediatrics	New Appointment.
20. Dr. P. B. Parikh	Asstt. Prof. in Orthopaedic	New Appointment.
21. Dr. Urmila Tiwari	Tutor in Anaesthesia	New Appointment.
22. Dr. A. B. Parmar	Tutor in E.N.T.	New Appointment.
23. Dr. M. K. Yadhel	Tutor in Radiology	New Appointment.
24. Dr. S. Agrawal	Tutor in Radiology	New Appointment.
25. Dr. P. K. Shrivastava	Asstt. Prof. in Radiology	New Appointment.
26. Dr. R. N. Shah	Asstt. Prof. in Radiology	New Appointment.
27. Dr. G. Rathi	Asstt. Prof. in T.B.	New Appointment.
28. Dr. R. J. Pathak	Asstt. Prof. in Skin	New Appointment.
29. Dr. Y. S. Maviatia	Asstt. Prof. in Skin	New Appointment.
30. Dr. N. A. Santwani	Tutor in I.C.C. unit	New Appointment.
31. Dr. Y. S. Patel	Asstt. Prof. in Psychiatry	New Appointment.
32. Mr. K. M. Chauhan	Biochemist	Transfer.
33. Dr. G. N. Shukla	Professor	Promotion.

(c) Teachers who left

Sr.No.	Name	Designation	Resignation or Termination
1.	Dr. Amrish N. Shah	Tutor in Pathology	4- 6-1985
2.	Dr. Sudhir R. Shah	Asstt. Prof. in O. & G.	3- 5-1985
3.	Dr. V. Manjula	Tutor in Anatomy	6- 8-1984
4.	Dr. H. V. Rawal	Asstt. Prof. in Psychiatry	6- 8-1984
5.	Dr. Parmar A. B.	Asstt. Prof. in E.N.T.	10- 7-1985
6.	Dr. Parag B. Parikh	Asstt Prof. in Orthopaedic	15- 4-1985
7.	Dr. Amit R. Shah	Tutor in Psychology	18- 2-1985
8.	Dr. P. J. Parikh	Tutor in Pathology	16- 4-1984
9.	Smt. M. D. Ray	Asstt. Prof. in P.S.M.	15- 5-1984
10.	Dr. H. R. Chauhan	Asstt. Prof. in Paediatrics	11- 8-1984
11.	Smt. Shashi Dua	Asstt. Prof. in Anatomy	18- 7-1984
12.	Dr. Milesh D. Mehta	Tutor in Anatomy	14- 6-1984
13.	Dr. J. R. Deliwala	Asstt. Prof. in Medicine	15- 4-1985
14.	Dr. R. A. G. Mukhrjee	Tutor in Pathology	23- 5-1985
15.	Dr. N. C. Pandya	Asstt. Prof. in O. & G.	16- 4-1984
16.	Dr. G. V. Shah	Tutor in Anatomy	15- 6-1984
17.	Dr. J. A. Dave	Asstt. Prof. in Anaesthesia	16-10-1984
18.	Dr. Smt. Kala C. Patel	Part-time Asstt. Prof. in Radiology	22-10-1984
19.	Dr. Smt. M. P. Bhatt	Asstt. Prof. in O. & G.	1-11-1985

FACULTY OF TECHNOLOGY AND ENGINEERING

(A) New appointments, if any

Sr.No.	Name of the Teacher	Designation with Subject	Remarks
1.	Prof. J. N. Mehta	Professor in Architecture	
2.	Shri L. I. Chauhan	Lecturer in Civil Engg.	
3.	Shri D. M. Bhawalkar	Lecturer in Text. Engg.	
4.	Shri J. B. Sanghadia	—do—	
5.	Shri S. T. Vernerkar	—do—	
6.	Kum. U. B. Patel	—do—	
7.	Smt. Usha D. Desai	Lecturer in Architecture	
8.	Miss Malvika Patel	Reader in Architecture	

Name of the Teacher	Designation with Subject	Remarks
9. Shri N. N. Shah	Reader in Textile Engg.	
10. Shri S. J. Joshi	Lecturer in Mech. Engg.	
11. Shri G. S. Patel	Temporary Lecturer in Civil Engg.	
12. Shri B. P. Patel	—do—	
13. Shri M. N. Champaneria	Lecturer in Mechanical Engg.	
14. Shri S. P. Rathod	Temp. Lecturer in Pharmacy	
15. Shri K. T. Oza	Temp. Lecturer in Chem. Engg.	

(B) Teachers Appointed/Promoted to Higher Position

Applied Mechanics

1.	Dr. A. V. Shroff	Reader in Applied Mechanics	Promoted as Professor in the Department of Applied Mechanics.
2.	Shri R. M. Bhagia	Reader in Applied Mechanics	Promoted as Professor on his present post in the Department of Applied Mechanics.
3.	Shri J. K. Vyas	—do—	—do—
4.	Shri A. R. Shah	Lecturer in Applied Mechanics	Promoted as Reader on his present post in the Department of Applied Mechanics
5.	Shri K. P. Patodi	—do—	—do—
6.	Shri G. D. Patel	—do—	—do—
7.	Shri K. R. Biyani	—do—	—do—
8.	Shri A. S. Chirmade	—do—	—do—
9.	Mrs. P. R. Giri	—do—	—do—
10.	Shri R. H. Shah	—do—	Promoted as Reader in Applied Mechanics.
11.	Shri A. K. Shah	—do—	—do—
12.	Shri S. S. Shah	—do—	—do—
13.	Shri M. S. Bhavsar	—do—	—do—
14.	Shri M. O. Parekh	—do—	—do— (Vice Dr. A. V. Shroff)

Sr.No.	Name of the Teacher	Designation with Subject	Remarks
15.	Shri G. N. Kahar	—do—	Promoted as Reader on his present post in the Deptt. of Mech. Engg.
16.	Shri K. B. Parikh	—do—	—do—
17.	Shri B. M. Bharuchi	—do—	—do—
	Department of Civil Engineering		
1.	Shri A. K. Savani	Reader in Civil Engg.	Promoted as Professor on his present post in the Department of Civil Engg.
2.	Shri J. J. Prajapati	—do—	—do—
3.	Shri M. R. Thakker	—do—	—do—
4.	Shri N. C. Shah	Reader in Civil Engg.	—do—
5.	Shri G. N. Shah	Lecturer in Civil Engg.	Promoted as Reader on his present post in the Deptt. of Civil Egg.
6.	Shri M. M. Ghodke	—do—	—do—
7.	Shri P. K. Panchal	—do—	—do—
8.	Shri D. P. Shah	—do—	—do—
9.	Shri A. D. Joshi	—do—	—do—
10.	Shri S. P. Shah	—do—	—do—
11.	Shri N. M. Bhatt	—do—	Promoted as Reader in the Deptt. of Civil Engg.
12.	Shri P. N. Sutaria	—do—	—do—
13.	Shri P. D. Vyas	—do—	—do—
14.	Shri A. S. Mandot	—do—	—do—
	Department of Mechanical Engineering		
1.	Shri T. D. Patel	Reader in Mech. Engg.	Promoted as Professor in the Department of Mech. Engg.
2.	Shri M. B. Desai	—do—	—do—
3.	Shri A. S. Loiwal	—do—	—do—
4.	Shri G. T. Joshi	—do—	Promoted as Professor on his present post in the Department of Mech. Engg.

Sr.No.	Name of the Teacher	Designation with Subject	Remarks
5.	Shri K. H. Patel	Lecturer in Mech. Engg.	Promoted as Reader in Mech. Engg.
6.	Shri R. J. Bansal	—do—	—do—
7.	Shri S. C. Parikh	—do—	—do—
8.	Shri K. K. Mistry	—do—	—do—
9.	Shri A. K. Mangalani	—do—	(Vice Shri T. D. Patel) —do—
10.	Shri P. B. Desai	—do—	(Vice Shri M. B. Desai) —do—
11.	Shri J. G. Trivedi	—do—	Promoted as Reader on his present post in the Department of Mech. Engg.
12.	Shri H. G. Rajput	—do—	Promoted as Reader in Mech. Engg. (Vice Shri A. S. Loiwal)
13.	Shri S. B. Kaluskar	—do—	—do—
14.	Shri V. M. Panchal	—do—	—do—
	Electrical Engineering Department		
1.	Shri S. G. Gupte	Reader in Elect. Engg.	Promoted as Professor in the Department of Elect. Engg.
2.	Shri A. M. Shah	Reader in Elect. Engg.	Promoted as Professor on his present post in the Deptt. of Elect. Engg.
3.	Shri H. R. Vyas	Lecturer in Elect. Engg.	Promoted as Reader in Elect. Engg.
4.	Shri S. K. Shah	—do—	—do— (Vice Shri S. G. Gupte)
5.	Shri J. B. Desai	—do—	Promoted as Reader on his present post in the Deptt. of Elect. Engg.
6.	Shri J. H. Mehta	—do—	—do—
	Department of Metallurgical Engineering		
1.	Shri S. K. Agrawal	Reader in Meta. Engg.	Promoted as Professor in the Department of Meta. Engg.

Sr.No.	Name of the Teacher	Designation with Subject	Remarks
2.	Shri S. C. Khurana	Lecturer in Meta. Engg.	—do—
3.	Shri Satish Mishra	—do—	Promoted as Reader in the Department of Meta. Engg.
4.	Shri N. M. Shah	—do—	Promoted as Reader on his present post in the Deptt. of Meta. Engg.
5.	Shri A. B. Lele	—do—	—do—
	Department of Architecture		
1.	Shri N. B. Chhadua	Reader in Architecture	Promoted as Professor in Architecture.
2.	Shri A. M. Shirgaokar	—do—	Promoted as Professor on his present post in the Deptt. of Architecture.
3.	Shri S. V. Deshpande	—do—	—do—
	Department of Chemical Engineering		
1.	Shri Syed Moinuddin	Reader in Chemical Engg.	Promoted as Professor in the Department of Chemical Engg.
2.	Shri Vasdev Singh	—do—	—do—
3.	Dr. K. Ethirajulu	—do—	Promoted as Professor on his present post in the Department of Chemical Engg.
4.	Shri R. V. Patel	Lecturer in Chemical Engg.	Promoted as Reader on his present post in the Department of C hemical Engg.
	Department of Pharmacy		
1.	Dr. K. K. Rao	Reader in Microbiology	Promoted as Professor on his present post in the Dept. of Pharmacy.
2.	Smt. Rajni Girdhar	Lecturer in Bio-Chemistry	Promoted as Reader on her present post in the Department of Pharmacy

Sr.No.	Name of the Teacher	Designation with Subject	Remarks
3.	Dr. (Smt.) Ranjit Kaur	—do—	—do—
4.	Shri R. Balaraman	Lecturer in Pharmacology	Appointed as Reader in Pharmacology.
	Department of Applied Physics		
1.	Dr. (Smt.) R. K. L. Padmini Agarwal	Reader in Applied Physics	Promoted as Professor in Applied Physics.
2.	Dr. T. R. Joshi	—do—	—do—
3.	Dr. H. B. Patel	Lecturer in Applied Physics	Promoted as Reader in Applied Physics.
4.	Shri G. V. Pethe	—do—	—do—
5.	Dr. A. P. Nerurker	—do—	—do—
6.	Shri B. B. Patel	—do—	—do—
7.	Shri W. P. Bhagat	—do—	—do—
8.	Dr. K. P. Dhake	—do—	—do—
9.	Shri A. J. Shah	—do—	—do—
10.	Dr. L. H. H. Prasad	—do—	—do—
11.	Shri A. D. Dixit	—do—	—do—
	Department of Textile Engineering		
	Shri V. A. Bangalore	Lecturer in Text. Engg.	Promoted as Reader in Text. Engg.
	Department of English		
	Shri R. M. Pancholi	Reader in English	Promoted as Professor in English on his present post.
	Department of Business Economics		
	Dr. S. K. Singh	Lecturer in Business Economics	Promoted as Reader in Business Economics.
	Department of Applied Chemistry		
1.	Dr. J. M. Lohar	Reader in Applied Chemistry	Promoted as Professor in Applied Chemistry.
2.	Dr. R. A. Vora	—do—	—do—
3.	Dr. J. M. Trivedi	Lecturer in Applied Chemistry	Promoted as Reader in Applied Chemistry.

Sr.No.	*Name of the Teacher*	*Designation with Subject*	*Remarks*
4.	Dr. K. B. Shah	—do—	—do—
5.	Shri Y. K. Joshi	—do—	—do—
6.	Shri B. C. Chauhan	—do—	—do—
7.	Shri M. T. Chhanga-wala	—do—	—do—
8.	Shri S. T. Bhatt	—do—	—do—
9.	Dr. N. D. Jadhav	—do—	—do—
10.	Dr. C. R. Jejurkar	—do—	—do—
	Department of Applied Mathematics		
1.	Dr. C. M. Patel	Reader in Applied Mathematics	Promoted as Professor in the Department of Applied Mathematics.
2.	Dr. S. R. Agrawal	—do—	—do—
3.	Shri M. G. Patel	Lecturer in Applied Mathematics	Promoted as Reader in Applied Mathematics.
4.	Shri N. M. Asti	—do—	—do—
5.	Shri K. J. Jaiswal	—do—	—do—
6.	Shri C. A. Shah	—do—	—do—
7.	Shri D. R. Parikh	—do—	—do—
8.	Shri D. H. Parmar	—do—	—do—
9.	Shri S. A. Itwala	—do—	—do—
	Department of Textile Chemistry		
1.	Dr. R. P. Gupta	Lecturer in Textile Chemistry	Promoted as Reader in Textile Chemistry.
2.	Shri R. P. Jamdagni	—do—	—do—

(C) Teachers who left

Name of the Teacher	*Designation with Subject*	*Remarks (if any)*
1. Shri K. C. Patel	Lecturer in Applied Mechanics	—
2. Shri S. U. Naik	Lecturer in Pharmaceutics	To go elsewhere.

(D) Teachers who returned from abroad after acquiring additional qualifications

NIL

(E) Teachers who continued their further studies abroad

Name	*Designation*	*How was the trip financed*	*Nature of Studies/Training*
Satish Mishra	Reader in Metallurgical Engg.	Fellowship	For Doctoral Work.

(F) Teachers who were granted facilities for further studies in India and aborad during the year

Shri R. V. Patel	Reader in Chemical Engineering	Self	For partial fulfilment of M.Sc. in Chemical Engineering at Institute of Science, Bangalore.

FACULTY OF FINE ARTS

(A) New appointments if any

(1) Shri Deepak, Kannal, Lecturer in Art History.

(B) Teachers promoted to higher position

(1)	Prof. V. S. Patel	Professor
(2)	Prof. R. R. Kaneria	Professor
(3)	Miss Nasreen Mohammedi	Reader
(4)	Shri F. N. Katpitia	Reader
(5)	Shri R. R. Panchal	Reader
(6)	Shri M. S. Deshpande	Reader
(7)	Shri R. P. Shah	Reader
(8)	Smt. Jyotshna J. Bhatt	Reader

(D) Teachers who returned from abroad after acquiring Additional qualification/ Experience

Name	*Designation*	*How was the Trip financed*	*Qualifications/Training acquired experience gained*
Prof. G. M. Sheikh	Professor in Painting	Invited to participate in Symposium on "Canvas of Culture" by Smithsonian Institution, Washington, U.S.A.	*Gained experience*

FACULTY OF HOME SCIENCE

(A) New appointments if any

Name of the Teacher	*Designation*	*Remarks*
1. Shukla Smita	Teaching Assistant Child Development Department	Served as Research Assistant in the Faculty earlier.
2. Mankodi, Hina	Teaching Assistant, Child Development Department	Served as Research Assistant in the Faculty earlier.

(B) Teachers appointed/promoted to higher position

Name of the Teacher	*Designation with Subject*	*Upgrade to level*
1. Saraswathi T. S.	Reader, Child Development Department	Professor
2. Mohite Prerna	Lecturer, Child Development Department	Reader

(D) Teachers who returned from abroad after acquiring additional qualifications

Name	*Designation*	*How the trip was financed*	*Qualifications/acquired experience gained*
Saraswathi T. S.	Professor in Child Development Department	Fulbright Fellowship UNISEF	Visiting Fellow at Cornell University Ithaca, New York, Delivered lectures in several Universities in USA: Established links with several alumni of the Child Development Department, M. S. University of Baroda, now in U.S.A.

(F) Teachers who were granted facilities for further studies in India and abroad during the year

Name of the Teacher	*Designation*	*How the trip was financed*	*Nature of Higher Studies/Training*
1. Kapoor Neena	Lecturer Child Development Department	Paid study leave	Ph.D. in Child Development M. S. University of Baroda.

Name	*Designation*	*How was the trip financed*	*Nature of Studies/Training*
2. Shah Ameeta	Lecturer, Child Development Department	Paid study leave	Ph.D. in Early Childhood Education University of Illinois Champaign.

Teachers deputed to various conferences

Sr. No.	*Name and Designation of the Teacher*	*Name, Place and Date/ Dates of the Conference*
	Shukla Smita, Teaching Assistant, Child Development Department	Youth as Agent of Social Change, National Council of Public Co-operation and Child Development, New Delhi, 18th, 20th March, 1985.

Clothing and Textile Department

(B) Teachers appointed to higher positions

Sr.No.	*Name*	*Designation*	*Promoted as*
1.	Thomas A.	Lecturer in C. T.	Reader (MP) in C. T.
2.	Phadke S. M.	Lecturer in C. T.	Reader (MP) in C. T.

Home Management Department

(B) Teachers appointed to higher position

Name of the Teacher	*Designation with Subject*	*Remarks (if any)*
1. Ogale Nalini	Reader and Head of the Department of Home Management	Promoted to Professor under Merit Promotion Scheme.
2. George Rachel	Lecturer	Reader, MP Scheme.
3. Gandotra Veena	Lecturer	Reader, MP Scheme.

FACULTY OF SOCIAL WORK

(B) Teachers appointed to higher position

Name of the Teacher	*Designation with Subject*	*Remarks (if any)*
Sharma K. M.	Reader (Social Work)	Promoted as Professor under Merit Promotion Scheme.

FACULTY OF LAW

Rathod J. R.	Leef	Promoted as Reader under Merit Promotion Scheme.
Parikh S. M.	Leef	Promoted as Reader under Merit Promotion Scheme.

FACULTY OF MANAGEMENT STUDIES

Members of the Teaching Staff of the Faculty/Institution

1. Professor S. Srikantiah, Professor of Managerial Economics.
2. Professor G. C. Maheshwari, Professor of Accountancy.
3. Dr. I. R. Singh, Lecturer in Organisational Behaviour.

ORIENTAL INSTITUTE

(B) Teachers appointed to higher position

Name of the Teacher	*Designation*	*Upgraded to what level*
1. Kantawala S. G.	Professor and Head, Department of Sanskrit, Pali and Prakrit and I/c. Director Oriental Institute	Professor and Head, Department of Sanskrit, Pali and Prakrit and Director, Oriental Institute from 12-5-1984.
2. Pandya B. P.	Research Officer, Oriental Institute	Research Officer, Oriental Institute and Principal, Sanskrit Mahavidyalaya from 27-6-1984.

(F) Teachers who were granted facilities for further studies in India and abroad during the year

Name	*Designation*	*How was the trip financed*	*Nature of Higher Studies/Training*
Pandya B. P.	Research Officer	Granted study leave upto 26-6-1984 under O. 209-F for doing Ph.D.	Ph.D. in Sanskrit

FACULTY OF PERFORMING ARTS

(A) New appointment if any

1. Shri Mehta R. B., Lecturer in Drama—30-4-1984.
2. Bhatt R. J. Tabla Accompanist—19-11-1984.
3. Pathan A. S., Lecturer in Sitar—4-1-1985.
4. Mehta J. R., Lecturer in Dance—31-7-1984.
5. Vyas H. D., Lecturer in Drama—19-11-1984.

(B) Teachers appointed to higher position

1. Muley S. K.—1-8-1984
2. Vaishnav A. H.—4-3-1985
3. Panse V. K.—31-3-1985
4. Bhanwaria K. C.—31-3-1985

} Lecturer in Music appointed as Reader in Music under Merit Promotion Scheme.

5. Baruah P. K.—Lecturer in Dance appointed as Reader in Dance from 31-3-1985.
6. Chavla A. P.—Lecturer in Dramatics appointed as Reader in Dramatics from 31-3-1985.

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

(A) New appointments if any

Name of the Teacher	*Designation with subject*	*Remarks (if any)*
1. Sylvester S. P.	Lecturer in English	
2. Bhati K. K.	Lecturer in English	
3. Parikh J. N.	Lecturer in Statistics	

(B) Teachers appointed to higher position

1. Patel M. A.	Lecturer in History	Promoted to the Reader's post.

POLYTECHNIC

(A) New appointment if any

1. Sheth G. M.	Head, M.E. Department	Appointed as I/c. Principal from 9-11-1984.
2. Panchal C. D.	Head, E.E. Department	Appointed as I/c. vice Principal from 9-11-1984 under HSC Scheme.

(B) Teachers appointed to higher position

1. Sheth G. M.	Head, M.E. Department	Appointed as I/c. Principal Polytechnic from 9-11-1984 till a permanent Principal is selected and appointed.
2. Panchal C. D.	Head, E.E. Department	Appointed as I/c. vice Principal from 9-11-1984 till further orders under HSC Scheme.

(C) Teachers who left

1. Sathe V. N.	Lecturer in M.E. Department	Retired and relieved from the service from 31-5-1984.
2. Shukla B. T.	Lecturer in C.E. Department	Retired and relieved from the service from 30-6-1984.
3. Champaneria M. N.	Lecturer in M.E. Department	Transferred at Faculty of Technology and Engineering from 17-8-1984.

Appendix XVI

The Statement showing the Staff-Student Ratio

The total member of teachers including Teaching Assistants, Senior/Junior Instructors, Tutors, Honorary Research and Part-time Lecturers in the Faculties and Institutions of the University during the year under report was 1787 including 149 teachers of Medical College as against the total student enrolment of 20,536. This gives an overall teachers-student ratio 1: 17.4. The corresponding strength of University teachers and staff-students ratio over the last five years is indicates below :

Year	*No. of University Teachers*	*Student Enrolment*	*Staff-Student Ratio*
1980-81	1,062	19,238	1: 18.1
1981-82	1,199	24,341	1: 20.3
1982-83	1,267	22,418	1: 17.7
1983-84	1,203	20,600	1: 17.1
1984-85	1,178	20,603	1: 19.9

Appendix XVII

Statement showing the Staff Student Ratio in different Faculties/Institutions

Faculties/Institutions	*No. of University Teachers*	*Student Enrolment*	*Staff Student Ratio*
1. Faculty of Arts	117	1,712	1 : 15
2. Faculty of Science	235	2,311	1 : 09
3. Faculty of Education and Psychology	40	379	1 : 95
4. Faculty of Commerce (à) Tarsali College of Commerce	59	5,662	1 : 103
5. Faculty of Medicine	149	838	1 : 06
6. Faculty of Technology and Engineering	77	2,971	1 : 11
7. Faculty of Fine Arts	35	325	1 : 09
8. Faculty of Home Science	33	723	1 : 22
9. Faculty of Social Work	15	71	1 : 05
10. Faculty of Law	25	1,429	1 : 57
11. Faculty of Performing Arts	48	163	1 : 03
12. Faculty of Management Studies	3	30	1 : 10
13. Baroda Sanskrit Mahavidyalaya	19	85	1 : 04
14. Shri M. K. Amin Arts and Science College and College of Commerce, Padra	27	1,239	1 : 46
15. Polytechnic	98	2,257	1 . 23

Appendix XVIII

Statement showing Numbers of Non-Teaching Staff in various Faculties/Institutions

Faculties/Institutions	*Class III*	*Class IV*	*Total*
1. Faculty of Arts	26	24	50
2. Faculty of Science	118	79	197
3. Faculty of Education and Psychology	16	10	26
4. Faculty of Commerce	17	28	45
(A) Commerce College, Tarsali	4	8	12
5. Faculty of Medical	128	147	275
6. Faculty of Technology and Engineering	198	100	298
7. Faculty of Fine Arts	11	18	29
8. Faculty of Home Science	16	25	41
9. Faculty of Social Work	09	07	16
10. Faculty of Law	06	05	11
11. Faculty of Performing Arts	14	11	25
12. Faculty of Management Studies	04	02	06
13. Shri M. K. Amin Arts and Science College and College of Commerce, Padra	15	12	27
14. Baroda Sanskrit Mahavidyalaya	02	04	06
15. Polytechnic	74	64	138
16. University Office	100	28	128
Grand Total	**758**	**572**	**1330**

Appendix XIX

Health Services

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 daily average attendance over a period of last five years :

Year	*Staff and their families*	%	*Number of Cases Students*	%	*Treated Total Cases*	*Daily average attendance*
1980-81	27,938	80.2	6,879	19.8	34,817	117.0
1981-82	29,255	81.4	6,680	18.6	35,935	124.0
1982-83	29,175	83.1	5,970	16.99	35,145	121.0
1983-84	30,533	84.6	5,558	15.6	36,091	124.0
1984-85	32,700	90.6	4,800	13.47	37,500	128.8

Appendix XX

CAPITAL ACCOUNTS

I—University General Fund

(Subject to Audit)

1984-85

Receipts	Rs. P.	*Payments*	Rs. P.
Opening Balance	11,79,601-65	Building Works	61,477-82
Interest	97,525-91	Closing Balance	12,15,649-74
Total	**12,77,127-56**	**Total**	**12,77,127-56**

II—Ayurvedic Research Fund

(Subject to Audit)

1984-85

Receipts	Rs. P.	*Payments*	Rs. P.
Opening Balance	12,56,668-25	Amount transferred towards the excess recurring expenditure over the State Government Grant during the year	1,29,716-24
Interest	1,27,401-03	Closing Balance	12,54,253-04
Total	**13,84,069-28**	**Total**	**13,84,069-28**

III—Post-graduate Instruction and Research Fund

(Subject to Audit)

1984-85

Receipts	Rs. P.	*Payments*	Rs. P.
Opening Balance	65,52,703-56	(i) Expenditire on Research Scheme (including Research Assistants)	1,87,648-61
Interest	5,68,231-93	(ii) Two Post-Doctoral (Fellowships @Rs. 600/- p.m. each and contingent grant @Rs. 2,000/- p.a. each	6,104-49
		(iii) 9 Scholarships of Rs. 400/- p.m. and contingent grant of Rs. 1,000/- p.a. per Scholar	24,552-21
		(iv) Closing Balance	69,02,630-18
Total	**71,20,935-49**	**Total**	**71,20,935-49**

REVENUE ACCOUNT

(Subject to Audit)

1984-85

Sr. No.	*Particulars*	*Receipts* Rs.	P.	*Sr. No.*	*Particulars*	*Disbursements* Rs.	P.
1	2	3		1	2	3	
I	**(A) Grant from the State Government (1 to 2)**	**5,25,01,198**	**41**	I	**University General Administration (1 to 13)**	**25,57,390**	**41**
	(1) Block Grant from State Government	**3,28,28,000**	**00**	II	**Examination Charges (1 to 14)**	**13,11,063**	**64**
	(2) Additional Block Grant from State Government	**1,93,73,198**	**41**	III	**Publication**	**1,23,517**	**77**
	(a) 100% Grant towards the additional expenditure on increase in the Rates of Dearness Allowance, House Rent Allowance and Compensatory Local Allowance during the Currency of the Triennium	86,28,249	00	IV	**Travelling Allowance**	**2,26,677**	**31**
				V	**Printing, Stationery and Postages**	**3,27,292**	**16**
				VI	**Interest on Balance of Funds not invested due to Financial Stringency**	**7,83,570**	**34**
	(b) 3½% Wage Bill Grant on the Wage Bill of preceding year on a cummulative basis during each year of the triennium for annual increments etc.	39,58,328	00	VII	**Maintenance of Buildings and Roads (including Residential Quarters and N.C.C. Buildings)**	**30,51,993**	**79**
				VIII	**Maintenance of Gardens**	**3,59,282**	**92**
	(c) Introduction of Degree Course in Pharmacy (Faculty of Technology and Engineering) from 1-7-1978 and onwards	3,00,000	00	IX	**Games, Sports and Students' Welfare and Other Activities**	**12,64,339**	**13**
	(d) VIth Plan posts for Faculty of Technology and Engineering	7,00,000	00	X	**Miscellaneous (A, B, C)**	**6,76,754**	**75**
	(e) For additional intakes of 100 students in Extended Diploma Course in Civil, Mechanical and Electrical Engineering (Poly.)	—			**(A) Memberships and Contribution**	**20,336**	**92**
					(B) Office Equipment	**71,087**	**82**
	(f) For Five Semester Post Higher Secondary (Std. XII) Science Stream Diploma in Civil, Mechanical and Electrical Engineering (Poly.)	4,53,877	41		**(C) Other Items**	**5,85,330**	**01**
				XI	**Faculties and Institutions**	**5,10,66,121**	**99**
	(g) Additional Grant for Leave Encashment	5,00,000	00		(A) FACULTIES :		
	(h) Towards works of Ordinary Repairs to Buildings	8,00,000	00		(a) Faculty of Arts	48,67,029	74
	(i) Towards the works of Special Repairs to University Buildings	—			(b) Faculty of Science	1,03,35,782	84
	(j) Towards expenditure on Leave Travel Concession given to the University Employees	4,00,000	00		(c) Faculty of Edu. and Psycho.	25,76,047	69
					(d) Faculty of Commerce	27,34,404	31
	(k) Towards the expenditure of Medical Allowance given to University Employees	5,00,000	00		(e) Faculty of Management Studies	1,48,131	89
					(f) (i) Faculty of Tech. & Engg.	1,25,56,344	48
	(l) Towards payment of Interim Relief	6,32,744	00		(ii) Introduction of Degree Course in Pharmacy	5,99,251	17
					(iii) Part-time Degree Course for Diploma students in C.M.E.	3,04,783	52
					(g) Faculty of Law	4,99,822	95
					(h) Faculty of Fine Arts	18,95,117	99
					(i) Faculty of Home Science	28,30,363	38
					(j) Faculty of Social Work	8,17,224	71
					(k) Faculty of Performing Arts	18,23,502	27

1	2	3
(m)	Towards the expenditure on payment of Adhoc Bonus	4,00,000-00
(n)	Encashment of L.T.C. (1984-85)	13,00,000-00
(o)	Additional Grant for Furniture	1,00,000-00
(B)	**Grant from the University Grants Commission towards the Grants Commission Unit in the University**	**12,000-00**
II	**Fees from the students (A+B+C)**	**1,05,55,306-98**
(A)	**Academic**	
(1)	*Tuition Fees and Miscellaneous Income from Faculties and Institutions*	**86,22,936-38**
	FACULTIES :	
(a)	Faculty of Arts	6,72,207-10
(b)	Faculty of Science	2,37,463-28
(c)	Faculty of Edu. and Psychology	6,84,618-00
(d)	Faculty of Commerce	24,25,340-50
(e)	Faculty of Management Studies	90,827-87
(f)	(i) Faculty of Tech. and Engg.	10,67,065-20
	(ii) Introduction of Degree Course in Pharmacy	31,380-00
	(iii) Part-time Degree Course in Diploma students in C.M.E.	1,79,641-40
(g)	Faculty of Law	5,91,708-00
(h)	Faculty of Fine Arts	1,18,403-95
(i)	Faculty of Home Science	4,12,816-98
(j)	Faculty of Social Work	33,728-00
(k)	Faculty of Performing Arts	1,38,647-85
(l)	Sanskrit Mahavidyalaya	688-00
(m)	Shri M. K. Amin Arts and Science College and College of Commerce, Padra	4,21,447-00
(n)	(i) Polytechnic	2,90,790-05
	(ii) Extended Diploma Courses in Civil, Mechanical and Electrical Engineering	42,723-00
	(iii) Extended Diploma in Civil, Mechanical and Electrical Engineering Courses (additional intake of 100 students)	18,761-00
	(iv) Five-Semester Post-Higher Secondary (Std. XII) Science Stream Diploma Courses in Civil, Mechanical and Electrical Engineering (Poly.)	1,09,084-20
(2)	*Fees for Enrolment etc.*	
	(a) For Enrolment Certificate	52,340-00
	(b) For Post-graduate Registration	3,255-00
(B)	**Examination Fees**	**14,16,872-10**
(C)	**Other Fees**	**5,15,498-50**

1	2	3
(B)	INSTITUTIONS :	
(1)	(i) Oriental Institute	4,97,419-36
	(ii) Vishnupuran Project	1,57,857-65
(m)	Sanskrit Mahavidyalaya	4,88,474-67
(n)	Shri M. K. Amin Arts and Science College and College of Commerce, Padra	11,11,106-72
(o)	(1) Polytechnic	57,05,717-97
	(2) Extended Diploma Courses in Civil, Mechanical and Elect. Engineering	1,94,761-51
	(3) Additional intake of 100 students (Extended Diploma in Civil, Mechanical and Elect. Engineering Courses,	60,776-72
	(4) Five-Semester Post Higher Secondary (Std. XII) Science Stream Diploma Courses in Civil, Mechanical and Electrical Engineering	5,62,961-61
(p)	Centre of Advanced Study in Education	2,99,238-33
XII	(a) **Smt. Hansa Mehta ('University') Library**	**25,89,002-32**
	(b) **Sir Sayajirao Memorial Trust ('University') Library**	**1.05,410-33**
XIII	**University Guest House**	**75,437-17**
XIV	**University Auxiliary Services**	**27,56,920-63**
XV	**Halls of Residence for Students**	**28,40,721-61**
XVI	**Sheth U.P. Ayurvedic Research Unit**	**1,62,600-19**
XVII	**Vth Plan Posts (Completed Scheme)**	**20,19,552-18**
	(a) Vth Plan Posts for the Faculty of Technology and Engineering	
XVIII	**Cost of Card Punching and Verification Stationery Computer time etc. for computerization of University Pay Roll**	**48,892-70**
XIX	**Payment of Pensions**	**3,23,345-64**
XX	**Expenditure against the Insurance paid by Faculties and Institutions**	**30,026-29**

1	2	3	1	2	3
III	**Income from Halls of Residence for Students**	**9,31,161-25**			
IV	**Income from Occupation of Buildings, Land and other Properties**	**6,42,829-59**			
V	**Health Services—University Health Centre**	**4,197-80**			
VI	**University Auxiliary Services ('A+B+C)**	**21,86,826-88**			
	(a) Income from M. S. University of Baroda Press	11,77,146-48			
	(b) Income from M. S. University Stationery Unit	9,54,043-90			
	(c) Income from Publications	55,636-50			
VII	**Miscellaneous Receipts**	**1,75,285-34**			
VIII	**Sheth U. P. Ayurvedic Research Unit**	**1,62,600-19**			
	(1) State Government Grants	30,000-00			
	(2) Income from Out-patient Ward	2,883-95			
	(3) Excess Recurring Expenditure met from Ayurvedic Research Fund	1,29,716-24			
IX	**Refund of Insurance Premium on Insurance of Buildings, Equipments, Books etc.**	**3,532-00**			
	Total	**6,71,74,938-44**			
	Add : Excess of Disbursement over Receipts i.e. Deficit	**56,24,974-83**			
	Grand Total	**7,27,99,913-27**		**Grand Total**	**7,27,99,913-27**

Grants for Development and Research Scheme 1984-85

Sr.No.	*Name of Agency*	*Grants* Rs. P.
1.	University Grants Commission	61,72,825-54
2.	Ministry of Education, Government of India	13,10,475-50
3.	Council of Scientific and Industrial Research	2,35,210-65
4.	Indian Council of Social Science Research	97,566-52
5.	Government of Gujarat	4,05,763-15
6.	Grant from Government of India	9,66,243-53
7.	United States Departments of Agriculture (AM-PL-480 Programmes)	72-00
8.	National Council of Educational Research and Training	92,128-70
9.	Indian Council of Medical Research	1,68,375-00
10.	Indian Council of Agriculture Research	2,29,817-30
11.	Indian Council of Historical Research	15,200-00
12.	Ministry of Health	4,39,600-00
13.	Grant from Government of India Department of Atomic Energy	3,95,221-70
14.	Grant from I.S.R.O.	2,30,400-00
15.	Grant from Ford Foundation	8,93,921-00
16.	U.S.A.I.D. Project	5,33,179-49
17.	Other Bodies	4,84,700-00
	Total	**1,26,70,699-90**

THE MAHARAJA SAYAJIRAO UNIVERSITY OF BARODA

Construction Division

Detail Faculty-wise Statement showing the No. of sanctioned works with amount, number of works dropped with amount and number of works carried out with their accepted tender amount and final value of work done

Sr. No.	Name of Faculty	Total Nos. of works with sanctioned Estimated Amount		Total Nos. of work dropped amount		Total Nos. of works taken on hand and estimated amount		Final value of the work done
		No.	Amount	No.	Amount	No.	Amount	Amount
1	2	3	4	5	6	7	8	9
1	Padra College	5	49,676-00 (1)	1	12,000-00	4	37,676-00	31,881-34
2	Faculty of Home Science	10	1,26,623-00	—	—	10	1,26,623-00	92,858-87
3	Faculty of Science	7	68,830-00	—	—	7	68,830-00	52,119-79
4	Faculty of Tech. and Engg.	12	5,55,965-00 (22)	1	2,870-00	11	5,53,095-00	3,50,160-40
5	Faculty of Fine Arts	14	1,07,644-00 (7, 23)	2	8,759-00	12	98,885-00	81,323-05
6	Polytechnic	9	2,84,085-00	—	—	9	2,84,085-00	1,56,597-63
7	Sanskrit Mahavidyalaya	6	18,115-00 (2)	1	2,960-00	5	15,155-00	8,001-21
8	Music College	10	1,42,849-00 (4, 14)	2	5,700-00	8	1,37,149-00	1,13,171-59
9	Faculty of Arts	10	2,40,420-00 (22, 38)	2	2,850-00	8	2,37,570-00	66,676-23
10	Faculty of Commerce	13	1,37,227-88 (4, 17,19)	3	28,035-00	10	1,37,227-88	90,660-73
11	Faculty of Social Work	6	18,738-00 (1)	1	8,800-00	5	9,938-00	6,219-57
12	Education & Psychology	4	49,050-00 (2, 12, 17)	3	44,703-00	1	4,247-00	6,250-40
13	Faculty of Law	3	10,140-00	—	—	3	10,140-00	8,037-63
		109	18,37,397-88	16	1,16,677-00	93	17,20,719-88	10,63,958-34
14	Additional Works	3	—	—	—	3	23,229-75	23,229-75
	Total	112	18,37,397-88	16	1,16,677-00	96	17,43,949-63	10,87,188-09
	Amount of works transfer to Special Budget.	—	—	—	—	—	—	1,54,521-71
							Total	**12,41,709-80**

NOT TO BE TAKEN