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M.S. University of Baroda

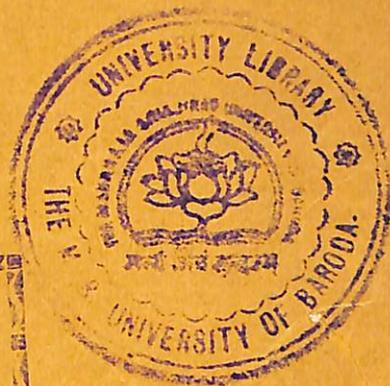
Fourth  
Annual Report

1952-53

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The Maharaja Sayajirao University  
of Baroda

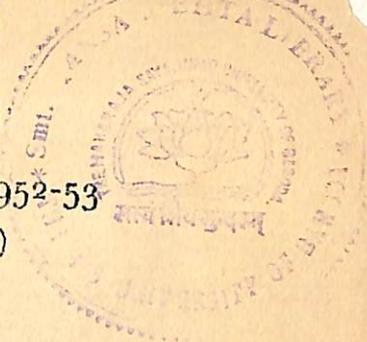


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**FOURTH ANNUAL REPORT**

1952-53

**BARODA**



# FOURTH ANNUAL REPORT 1952-53

(1st July, 1952 to 30th June, 1953)

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His Highness the Maharaja Sir Sayajirao Gaekwad of Baroda

# THE MAHARAJA SAYAJIRAO UNIVERSITY OF BARODA



## FOURTH ANNUAL REPORT, 1952-53

This report covers the period from 1st July, 1952 to 30th June, 1953 and is submitted to the Senate in accordance with section 24 (2) of the Maharaja Sayajirao University of Baroda Act as amended up-to-date.

### CHAPTER I—GENERAL

#### 1. Institutions in the University.

Constituent and Recognised Institutions ( under sections 42 and 69 of the Act ).

- ( 1 ) ( a ) Faculty of Arts : Provides courses leading to the degrees of B.A. and M.A., and guidance in research for the Ph.D. degree.
  - ( b ) The Oriental Institute : Provides facilities for research work in Sanskrit and Ancient Indian Culture, and undertakes publication work in Gujarati, Marathi and Sanskrit.
  - ( c ) The Baroda Sanskrit Mahavidyalaya : Provides elementary, intermediate and advanced courses in Yagniki, Ayurveda, Dharmashastra, Sanskrit, Grammar and Astrology. This institution functions under the Faculty of Arts.
- ( 2 ) Faculty of Science : Provides courses leading to the degrees of B. Sc. and M. Sc. and guidance in research for the M. Sc. and Ph.D. degrees. The Faculty also provides instruction in courses for First year Science and Intermediate Science examinations.
  - ( 3 ) Faculty of Education and Psychology : Provides courses leading to the degrees of B. Ed. and M. Ed. and guidance in research for the M.Ed. and Ph.D. degrees. The Faculty also gives instruction for the Diploma in Teaching. The University Experimental High

School is attached to the Faculty for experiments in Education and Psychology and conducts classes from Standard I to Standard XI leading to the examination for the Secondary School Certificate of Bombay State.

- (4) Faculty of Commerce: Provides courses leading to the degrees of B.Com. and M.Com. and guidance in research for the Ph.D. degree.
- (5) Faculty of Medicine (The Medical College Baroda): Provides courses leading to the degrees of M.B., B.S. The college is managed by Government of Bombay.
- (6) Faculty of Technology (including Engineering): Provides courses leading to the degrees of B.E. (Civil, Mechanical and Electrical) and B. Text. (Eng.), to Diplomas in Civil, Mechanical and Electrical Engineering and in Textile Chemistry, Textile Technology and Architecture; and to Certificate courses for Turners, Fitters and Wiremen and in Carpentry, Dyeing, Weaving and Architecture. In addition, the Faculty has a Technical High School attached to it.
- (7) (a) Faculty of Fine Arts: Provides courses leading to the degree of B. A. (Fine) in Painting, Sculpture and Applied Arts and Crafts and to the Diploma in these subjects. The Faculty also provides courses for Certificates in Photography and Lithography and for a post-graduate Diploma in Museology.
- (b) College of Indian Music, Dance and Dramatics: Provides courses leading to the degree of B. Mus. and to the Diploma in Music (Vocal and Instrumental), Dance and Dramatics.
- (8) Faculty of Home Science: Provides courses leading to the degree of B.Sc. (Home). The Chetan Balwadi is attached to the Faculty for experiment and observation in Child Development.
- (9) Faculty of Social Work: Provides a post-graduate course leading to the degree of M.S.W.
- (10) Intermediate College: Provides courses leading to the First Year and Intermediate examinations in Arts and Commerce.
- (11) The Museum and Picture Gallery. (Managed by Government of Bombay)

## 2. Number of students in the University.

The following statement shows the number of students in the University on 30th June, 1953:—

Statement showing the number of students in the University on 30-6-1953

Institutions	Post-graduate courses		Degree courses		Diploma courses		Certificate & other courses		Total		Grand Total 1950-1951	Grand Total 1951-1952	Grand Total 1950-1951
	Men	Women	Men	Women	Men	Women	Men	Women	Men	Women			
I. Faculty of Arts	63	20	245 #6	71 #10	..	..	10	11	415	13	343	230	
2. Faculty of Science	57	9	974	59	..	..	1031	68	1099	1136	1041	162	
3. Faculty of Education and Psychology	%111	%21	..	..	23	2	134	23	157	141	185	153	
4. Faculty of Commerce	28	1	191	..	..	..	219	1	220	185	153	117	
5. Faculty of Medicine	..	..	161	21	..	..	161	21	182	153	117	723	
6. Faculty of Technology (including Engineering)	..	..	275	..	705	3	1198	3	1201	911	46	37	
7. Faculty of Fine Arts	7	6	19	5	17	..	..	..	55	69	58	35	
8. Faculty of Home Science	..	..	..	115	..	..	..	..	115	38	470	550	
+ 9. Faculty of Social Work	32	5	..	..	..	..	..	..	37	612	388	408	
10. Intermediate College	..	..	\$ 504	\$ 108	..	..	..	..	612	388	104	92	
11. College of Indian Music	..	..	13	20	256	99	..	..	408	105	3398	3992	
Dance and Dramatics	..	..	..	..	43	..	..	..	408	105	3398	3992	
12. Baroda Sanskrit Mahavidyalaya	4	..	13	2	43	..	42	..	104	261	4008	577	
Total	302	62	2401	411	1044	104	261	..	4585	3992	3398	3992	

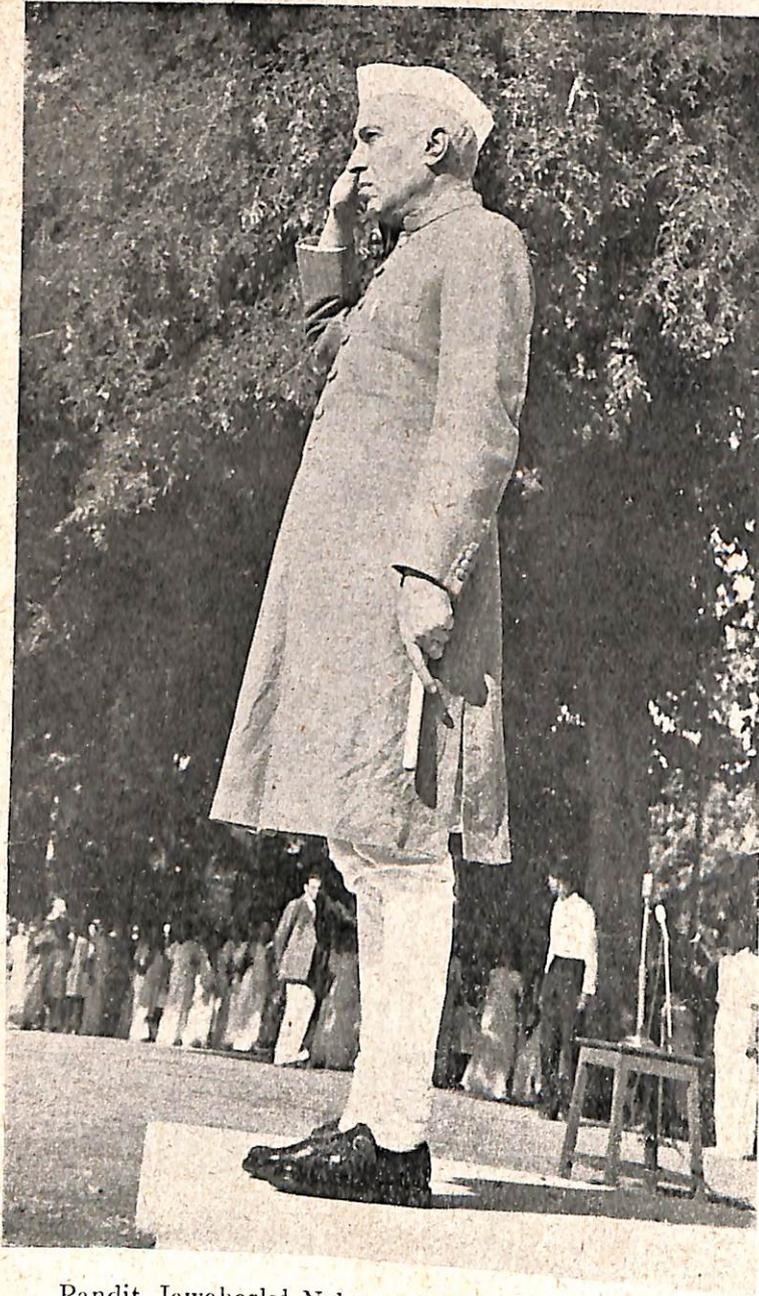
\* B.A. (Special) in Psychology, % M. Ed. 35, B.Ed. 85, Ph. D. 12.

+ Figures as on 15-7-1953. § F.Y. Arts, Inter Arts, F.Y. Commerce and Inter Commerce.

### 3. Special features of the period under report.

- (1) The University lost one of its foundation members in the death of Professor K. T. Shah. Professor Shah took great interest in the affairs of the University since its inception, and rendered advice and guidance in all matters. In spite of his preoccupations, he took considerable trouble in coming to Baroda, whenever he was needed. The Senate in its meeting on 22-3-1953 passed a resolution expressing sorrow at the death of Professor K. T. Shah.
- (2) A scheme of 'General Education' as envisaged in the Government of India, Ministry of Education letter No. D/217/51-B. I., dated 17-1-1951 was introduced in the University.
- (3) Shrimati Hansa Mehta, Vice-Chancellor of this University was the Chairman of the Joint Board of Vice-Chancellors of the Universities in the State of Bombay from 14-5-1952 to 13-5-1953 and a meeting of the Joint Board of Vice-Chancellors was held in the University Office, Baroda on 24th August, 1952.
- (4) A scheme of "Compilation of the Chronology of Gujarat" was approved and expenditure of Rs. 4,300/- was sanctioned towards the scheme during the year.
- (5) The Second Annual Convocation of the University was held in the University Gardens on 4th October, 1952. The Convocation Address was delivered by Dr. Amaranatha Jha, Chairman, Public Service Commission, U. P. The following degrees were conferred at the convocation :—

	Degree conferred in person	Degree conferred in absentia	Total
M. A.	10	4	14
B. A. (Special)	49	22	71
B. A. (General)	8	3	11
M. Sc.	7	2	9
B. Sc.	64	18	82
M. Ed.	13	7	20
B. T.	15	60	75
B. Com.	27	27	54
M. S. W.	6	6	12
Total :	199	149	348



Pandit Jawaharlal Nehru taking the salute at the  
Mass Rally : 7-12-1952

- The Chancellor's Gold Medal was awarded to Shri N. T. Sheth who secured the highest percentage of marks at the M. A. examination of 1952.
- (6) Shrimati Hansa Mehta, Vice-Chancellor, was appointed by the Government of India as a member of the Secondary Education Commission.
  - (7) Pandit Jawaharlal Nehru, the Prime Minister of India paid a visit to the University on 7th December, 1952 and inaugurated the University Week.
  - (8) Dr. (Mrs.) R. P. Devadas, whose services were lent to the University by the Government of India, was appointed as Officiating Dean, Faculty of Home Science from 19-1-1953.
  - (9) Professor T. K. N. Menon, Dean, Faculty of Education and Psychology was invited by the Government of U.S.A. to visit educational and cultural institutions and observe the recent trends in American Education. He was granted duty leave for a period of four months from the third week of February, 1953 to proceed on a tour of the United States of America.
  - (10) A Seminar on Practical Training Programme of Professional Social Work in India was organised in the Faculty of Social Work from 6th February, 1953 to 16th February, 1953 under the joint sponsorship of the Faculty and the Indian Conference of Social Work.
  - (11) Shri P. K. Chhatre was appointed as Officiating Dean, Faculty of Education and Psychology for about four months from 22nd February, 1953 during Professor T. K. N. Menon's absence on tour in the U.S.A.
  - (12) The Faculty of Fine Arts organised an exhibition of the works of the students of the Faculty in the Jehangir Art Gallery, Bombay, from 18th to 26th February, 1953. The exhibition was opened by H. E. the Governor of Bombay, Shri Mangaldas Pakvasa.
  - (13) Shrimati Hansa Mehta, Vice Chancellor, and Professor T. K. N. Menon, Dean, Faculty of Education and Psychology and a member of the Syndicate were deputed to attend the Seventh Quinquennial Congress of Universities of the Commonwealth held at Cambridge from 13-7-1953 to 17-7-1953.

- (14) The following grants were sanctioned during the year from the post-graduate research grants for the development of the existing departments :—
- (a) For purchasing back numbers of the Biometrika for the library of the Department of Statistics. . .Rs. 3,500/-
- (b) For expenditure towards the Socio-Economic Survey of the city of Baroda undertaken by the Department of Economics. . .Rs. 1000/-
- (15) Government of India sanctioned grants of Rs. 50,000/- towards the equipment of the Faculty of Science and Rs. 18,000/- for equipment of the Department of Statistics for the year 1952-1953 under the Five Year Development Programme of the Universities in India. They also sanctioned an *ad hoc* grant of Rs. 25,000/- for the Faculty of Social Work during the year.
- (16) Professor C. S. Patel, Dean, Faculty of Science was elected as Pro-Vice-Chancellor by the Senate on 22nd March, 1953 and assumed office on 1st May, 1953.
- (17) The Department of Gujarati published in March, 1953, the first work *viz.* 'Shashtishataka Prakarana' of Nemichandra with three Balavabodhas or prose commentaries, under its scheme of publication of critical editions of old Gujarati texts.
- (18) A scheme of research in the Muslim History of Gujarat (1200 to 1750 A. D.) was approved and non-recurring expenditure of Rs. 6,000/- and recurring expenditure of Rs. 2,000/- were sanctioned towards the scheme for the year 1953-54.
- (19) The University took over the Sadhana Press at Baroda on 18th May, 1953 at a total cost of Rs. 73,000/- and re-named it "The Maharaja Sayajirao University of Baroda Press (Sadhana Press)."
- (20) The University introduced its own courses for the B. Com., M.A., M.Sc. and B.E. degrees from June, 1953.
- (21) Dr. (Miss) Leela Desai, Dean, Faculty of Home Science was permitted to resign. She was granted due leave from 19-1-1953 in continuation of vacation and was relieved on 15-6-1953.
- (22) The B. E. degree of the University was recognised by the Union Public Service Commission as well as by the Institution of Engineers ( India ).

- (23) The scheme of National Youth Movement based on the Government of India, Ministry of Education letter No. F-5-11/52-G.2, dated 29-8-1952 was introduced for the first year and second year students of the University on a compulsory basis from June, 1953.
- (24) With a view to re-organisation of teaching in the Dancing and Dramatics Departments of the College of Indian Music, Dance and Dramatics, a visiting lecturer in Bharat Natyam and a Kathak Dance Ustad were added to the staff of the Department of Dancing and an amount of Rs. 3,000/- was sanctioned for inviting outside experts as visiting lecturers in the Department of Dramatics.
- (25) Shri Morarji Desai, Chief Minister, Bombay State, paid a visit to the University on 22nd June, 1953, and inaugurated the Textile Engineering degree course.
- (26) The following new courses were introduced from June, 1953 :—
- ( i ) B. Text. ( Eng. )
- ( ii ) Diploma in Textile Technology ( in place of former Diploma in Weaving Technology ).
- (27) The University hostels were re-named as under :—
- University Hostel No. 1 : Shri Manubhai Mehta Hall.
- University Hostel No. 2 : Maharshi Arvinda Hall.
- University Hostel No. 3 : Shri Dadabhai Naoroji Hall.
- Women's Hostel : Shrimati Sarojini Devi Hall.
- (28) The University sanctioned the following grants to outside bodies :—
- ( i ) A grant of Rs. 250/- to the Second Gujarat Research Workers' Conference, Ahmedabad.
- ( ii ) A grant of Rs. 500/- per year for three years to the Madras University for publication of the Catalogue Catalogurum of all Sanskrit Works in the world.
- ( iii ) A grant of Rs. 200/- to the Eighteenth Gujarati Sahitya Parishad Sammelan, Navsari.
- ( iv ) A grant of Rs. 1,000/- to the Deccan College Post-Graduate and Research Institute, Poona, for compilation of a Dictionary of Sanskrit on historical principles.

(v) A grant of Rs. 500/- to the Gujarat University towards expenses of the All India Oriental Conference held under its auspices at Ahmedabad.

29. The University accepted the following endowments for prizes :—

(i) An endowment of Rs. 1,500/- for "Captain K. N. Panimangalore Prize in History," to be awarded to a student securing the highest percentage of marks in History at the B. A. examination.

(ii) 'Taraknath Das Foundation of India Fund' to be gradually built up by instalments to an amount which will yield an annual proceeds of Rs. 50/- for Shri Arvinda Prize to be awarded to a student who secures the highest number of marks in Politics at the B. A. examination.

(iii) Endowment of Rs. 10,000/- for Sheth Todarmal Chimanlal Shamal Bechar "Vallabha Vedant Prize" to be awarded to a student who secures the highest marks at the M.A. examination in Sanskrit with Vedanta Shastra for Papers V and VI and who is reported by the examiners as proficient in the portion of the Vedanta of Vallabhacharya.

#### (4) Appointment of teachers.

(i) Appointment on the existing teaching posts :—

The following appointments were made to some of the old posts which were vacant or which fell vacant during the year. (The date of joining is mentioned in brackets after the name) :—

#### FACULTY OF ARTS

1 Reader in Archæology :	Dr. B. Subbarao, M.A., LL.B., PH.D.	(1-1-1953)
2 Senior Lecturer in Gujarati :	Shri B. P. Kothari, M.A.	(31-10-1952)
3 Senior Lecturer in English :	Shri D. D. Mahulkar, M.A.	(3-11-1952)
4 Junior Lecturer in Gujarati :	Shri S. H. Joshi, M.A.	(12-1-1953)
5 Junior Lecturer in English :	Shri J. D. Desai, M.A.	(19-11-1952)

#### FACULTY OF SCIENCE

6 Junior Lecturer in Zoology :	Shri R. V. Shah, M.Sc.	(1-8-1952)
7 Junior Lecturer in Botany :	Shri L. K. Gaekwad, M.Sc.	(9-7-1952)
8 Junior Lecturer in Chemistry :	Shri N. M. Sheth, M.Sc.	(1-8-1952)
9 Junior Lecturer in Physics :	Shri G. K. Trivedi, M.Sc.	(1-8-1952)

10 Senior Lecturer in Mathematics :	Shri C. C. Shah, M.Sc.	(1-7-1953)
11 Junior Lecturer in Mathematics :	Shri N. M. Patel, M.Sc.	(10-7-1953)
12 Junior Lecturer in Chemistry :	Shri A. N. Godbole, M.Sc.	(1-7-1953)
13 Junior Lecturer in Chemistry :	Shri J. L. Patel, M.Sc.	(10-7-1953)

#### FACULTY OF COMMERCE

14 Senior Lecturer in Banking :	Shri B. G. Shah, M.COM.	(4-8-1952)
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#### FACULTY OF EDUCATION & PSYCHOLOGY

15 Visiting Professor :	Shri R. V. Parulekar, M.Sc., M.ED. (Leeds)	(15-6-1952)
16 Senior Lecturer :	Shri T. P. Lele, D.ED., B.ED. (St. Andrews)	(17-9-1952)
17 Senior Lecturer :	Shri L. J. Bhatt, M.A., B.T., M.A. (Psy.) (Leeds)	(17-9-1952)
18 Principal, University Experimental High School :	Shri K. S. Yajnik, M.A., B.T.	(25-9-1952)

#### FACULTY OF TECHNOLOGY (including Engineering)

19 Professor of Applied Mechanics :	Professor P. J. Madan, D.C.E., B.Sc. (Civil) (Edin.), M.Sc. (Civil), M.E. (London), A.M.I.E. (India).	(15-6-1953)
20 Reader in Applied Mechanics :	Shri R. S. Dighe, B.E. (Civil)	(31-7-1952)
21 Senior Lecturer in Architecture :	Shri S. H. Pandit, B.A., Dip. in Arch., G.D. Arch. (Bom.)	(1-7-1952)
22 Senior Lecturer in Textile Technology :	Shri K. Krishnamurthy, D.T.T. (Bangalore), B.Sc. (Text.) (Mysore).	(5-1-1953)
23 Senior Lecturer in Applied Mechanics :	Shri J. H. Malkani, B.E. (Civil)	(9-2-1953)
24 Senior Lecturer in Mechanical Engineering :	Shri K. D. Oza, B.Sc. (Eng.) (B.H.U.)	(4-7-1953)
25 Senior Lecturer in Civil Engineering :	Shri H. L. Sastry, B.Sc., B.E. (Civil), (Mysore).	(3-11-1952)
26 Junior Lecturer in Applied Mechanics :	Shri D. P. Makhijani, B.E. (Elec.)	(9-2-1953)
27 Junior Lecturer in Civil Engineering :	Shri D. B. Dastur, Dip. in Eng. A.M.I. Mun. E.A.M.T. Tech. (Grt. Brt.) A.M.I., B.E., M.R. San. I.	(15-6-1953)
28 Part-time Lecturer in Mechanical Engineering :	Shri A. S. Desai B.Sc. (Eng.) (B.H.U.)	(3-11-1952)

- 29 Part-time Lecturer in Civil Engineering: Shri G. K. Pradhan, B.E., A.M.I.E.E. (India) (15-6-1953)

## FACULTY OF FINE ARTS

- 30 Junior Lecturer in Dramatics: Miss Sudha R. Desai, M.A. (15-6-1953)  
 31 Visiting Lecturer in Dancing: Miss Anjali Hora (15-6-1953)  
 32 Hon. Lecturer: Shri L. B. Shastri, B.A. (Hons.) (16-6-1953)

## FACULTY OF HOME SCIENCE

- 33 Reader in Home Science: Dr. (Mrs.) R. P. Devadas, B.Sc. (Madras), M.Sc., M.A., Ph.D. (Ohio) (On loan service from Government of India for one year) (8-12-1952)  
 34 Senior Lecturer in Home Science Education: Miss Padma Chari, B.A., B.T. (Madras), M.Sc., (Phil. Inst. Tech.) (1-11-1952)  
 35 Junior Lecturer in Child Development: Miss Heera K. Rao, B.A. (Utkal) B.A. (Washington) (3-11-1952)

## FACULTY OF SOCIAL WORK

- 36 Consultant in Mental Hygiene: Professor (Miss) Olive Swoboda, M.S. (Columbia) (Appointed for one year) (11-6-1953)  
 37 Senior Lecturer in Indian Social Problems: Miss Sindhu V. Phadke, B.A. (Hons.) M.S.W. (California) (1-7-1953)  
 38 Junior Lecturer in Industrial Relations: Shri W. P. Singh, B.A. (Agra), Dip. in S.S.A. (T.I.S.S.) (26-7-1952)

## (ii) Appointment to new teaching posts:—

The following new appointments which became necessary as a result of re-organisation of teaching due to introduction of new courses in some Faculties were made during the year on new posts duly instituted by the Senate:—

## FACULTY OF ARTS

- 1 Reader in Sociology: Dr. I. P. Desai, M.A., Ph.D. (3-9-1952)  
 2 Senior Lecturer in History: Dr. S. C. Misra, M.A., Ph.D. (3-9-1952)  
 3 Junior Lecturer in Gujarati: Shri I. A. Dave, M.A. (1-7-1953)

## FACULTY OF SCIENCE

- 4 Junior Lecturer in Statistics: Shri B. K. Rajarao, M.Sc. (4-8-1953)

## FACULTY OF TECHNOLOGY (including Engineering)

- 5 Junior Lecturer in Civil Engineering: Shri Hiriyur N. Murthy Yeshonath, B.Sc., B.E. (Civil) (Mysore) (15-6-1953)

- 6 Junior Lecturer in Mechanical Engineering: Shri S. J. Shah, B.E. (Mech.-Elec.) (19-2-1953)

## FACULTY OF FINE ARTS

- 7 Junior Lecturer in Sculpture: Shri K. B. Kapadia, G.D. Arch. (Sculpture) (Bom.) (1-10-1952)  
 8 Junior Lecturer in Lithography: Shri N. B. Joglekar, Matric. Advanced Painting Exam. Dip. in Com. Art, Art Master. (6-12-1952)

## (iii) Teachers who left the University:—

The following teachers left the University during the year for reasons mentioned in brackets after their designations:—

## FACULTY OF ARTS

- 1 Shri S. S. Joshi, M.A. Senior Lecturer in English (Retired)  
 2 Dr. M. R. Majmudar, M.A., LL.B., Ph.D. Senior Lecturer in Gujarati (Retired)

## FACULTY OF EDUCATION &amp; PSYCHOLOGY

- 3 Dr. (Miss) Amya Sen, M.A., B.T. Senior Lecturer (Resigned) (Punjab), Ph.D. (London)

## FACULTY OF TECHNOLOGY (including Engineering)

- 4 Shri P. M. Patkar, Dip. in Arch., A.R.I., B.A., A.M.I. Struct. E. (London) Reader in Architecture (On completion of the period of contract)  
 5 Shri G. N. Chapekar, M.A. Senior Lecturer in Mathematics (Service not continued after probationary period)  
 6 Shri L. I. Bhatt Reader in Civil Engineering (On completion of the period of contract)  
 7 Shri T. V. Sundaresan Reader in Applied Mechanics (On termination of the period of contract)  
 8 Shri C. H. Khadilkar Reader in Applied Mechanics (On completion of the period of temporary appointment.)

## FACULTY OF FINE ARTS

- 9 Dr. H. Goetz, Ph.D. (Munich) Hon. Professor in Art History (Resigned)  
 10 Shri J. D. Thakar, B.A. (Hons.) Senior Lecturer in Dramatics (Service terminated)

## FACULTY OF HOME SCIENCE

- 11 Dr. (Miss) Leela Desai, B.A. Reader in Home Economics Education  
(Hons.) B.T. (Bom.), M.A., PH.D. & Dean, Faculty of Home Science  
(Michigan) (Resigned)
- 12 Miss Nirmala Bhatt, M.A., B.T. Superintendent, Women's Hostel  
(Resigned)

## FACULTY OF SOCIAL WORK

- 13 Shri S. Das Gupta, B.A. (Calcutta), Junior Lecturer in Social Work  
Dip. in S.S.A. (T.I.S.S.) (Resigned)
- 14 Shri V. Gopalan, B.Sc. (Madras), Junior Lecturer in Social Work  
M.A. (Social Work) (Delhi) (Resigned).

## 5. Finances of the University.

(a) *New endowments.*

The Syndicate accepted the following new endowments during the year :—

(i) *Maganbhai Shankerbhai Patel Scholarship :—*

A donation of Rs. 5,000/- was accepted from Dr. Thakorbbhai V. Patel for awarding "The Maganbhai Shankerbhai Patel Scholarship" to the candidate standing first (total number of marks) in the 1st M.B.,B.S. University examination at the Medical College Baroda. The candidate shall pass the examination at the first attempt and shall belong to the regular batch. The subjects offered at the 1st M.B.,B.S. shall consist of at least Anatomy and Physiology. The amount accruing as annual interest from 4% Bombay Government Loan, less 3% University management charges, shall be handed over to the Principal, Medical College, Baroda who shall be authorised to pay the candidate the amount in twelve equal instalments, in cash.

If the highest marks (total) are obtained by more than one candidate the amount of the annual interest, which will be handed over to the Principal, Medical College, Baroda, shall be divided equally between the candidates. A printed certificate of merit, signed by the Vice-Chancellor shall be given to the candidate (or candidates).

(ii) *The Captain K. N. Panimangalore Prize Fund :—*

A donation of Rs. 1,500/- was accepted from Shrimati S. K. Panimangalore for an annual award of "Capt. K. N. Panimangalore Prize in History" to a student standing first in History at the examination of the

degree of Bachelor of Arts (Special) with at least Second Class marks in the subject of History. If the highest marks (total) are obtained by more than one candidate the prize shall be divided equally between the students concerned. In case there is no student eligible for the prize, the amount left over shall be utilised by the Syndicate in such manner as they think fit for the purpose of furthering the object of the endowment. The prize shall be in the form of books. The announcement regarding the award of the prize shall be made at the time of the declaration of the results of the B.A. (Special) examination.

(iii) *Sheth Todarmal Chimanlal Shamal Bechar Vallabha Vedanta Prize :—*

A donation of Rs. 10,000/- was accepted from Sheth Todarmal Chimanlal Shamal Bechar of Baroda for a prize (in cash or books at the option of the candidate) of the value of the interest accruing from the amount, to be awarded annually to the candidate who passes the examination for the degree of M.A. in Sanskrit with Vedanta Shastra for Papers V and VI, and who is reported by the examiners as the most proficient in the portion of Vedanta of Vallabhacharya prescribed by the University and as having shown conspicuous merit therein. If the prize is not awarded any year for want of a qualified candidate, it may be awarded to any learned person who shall have written the best essay in English or Sanskrit or Hindi or Gujarati on a subject connected with Shuddhadvaita Vedanta, provided that the essay is, in the opinion of the judges, deserving the reward. Failing disposal, the prize may be awarded to the best translator (in English or Hindi or Gujarati) or to the editor of any work selected by the University on the subject of Suddhadvaita Vedanta, provided that the translation or the edition is, in the opinion of the judges, deserving the reward. The writer of the essay to which the prize has been awarded must obtain the permission of the Syndicate for its publication as a University Prize Essay.

The University shall deduct the management charges according to the rules, from the interest before the prize is awarded.

(iv) *Taraknath Das Foundation of India Fund :—*

A donation of Rs. 250/- was received from Taraknath Das Foundation of India to be called "Taraknath Das Foundation of India Fund" to be managed by a committee consisting of the Vice-Chancellor, the Head of

the Politics Department and two other persons nominated by the Syndicate. The Taraknath Das Foundation of India shall give an annual grant of Rs. 250/- to the University. Out of this, an annual prize of Rs. 50/- to be called Shri Arvind Prize shall be awarded to a student, and Rs. 200/- shall be deposited towards the corpus of the endowment for the prize. This annual grant from the Taraknath Das Foundation of India will be continued till there is a sufficient fund with the University to pay the amount of Rs. 50/- yearly out of the interest earned by the Endowment Fund. The award of the Shri Arvinda Prize of Rs. 50/- shall be announced at the time of the declaration of the result to a student in the Department of Political Science of the University, who obtains a First or Second Class at the B.A. (Special) examination. The University will invest Rs. 200/- for each year, the balance that is left from the annual grant of Rs. 250/-, in some safe Securities or Government Bond. General rules for deduction of 3% as management charges from the income of the memorial funds shall be applicable to this fund.

## (c) Capital Accounts.

**Receipts and Expenditure Account for the year 1952-53**

(1st July, 1952 to 30th June, 1953)

<i>Receipts</i>		<i>Expenditure</i>
<b>Capital Account No. IA Textile Technology Department</b>		
Interest	93,677-1-6	Buildings
Opening Balance	33,96,135-9-1	3,35,751-11-9
		Equipment and Furniture
		58,368-13-6
		Amount advanced for purchase of Sadhana Press
		71,276-0-0
		Loss on sale of Securities
		1,15,473-9-3
		Amount transferred to Revenue for Establishment, Contingencies, books etc.
		20,634-8-9
		Closing Balance
		28,88,307-15-4
	<u>34,89,812-10-7</u>	<u>34,89,812-10-7</u>

**Capital Account No. I B Construction and Equipment of Engineering College**

Interest	25,348-8-0	Buildings	50,663-12-3
Opening Balance	10,37,297-13-4	Equipment and Furniture	3,06,178-0-9
		Closing Balance	7,05,804-8-4
	<u>10,62,646-5-4</u>		<u>10,62,646-5-4</u>

**Capital Account No. I C Department of Banking**

Interest	16,283-8-3	Amount transferred to Revenue for expenditure on Sr. Lecturer in Banking	5,391-3-0
Opening Balance	5,36,862-5-0	Closing Balance	5,47,754-10-3
			<u>5,53,145-13-3</u>
			<u>5,53,145-13-3</u>

**Capital Account No. I DA Research in Ayurveda**

Interest	16,473-8-0	Expenditure	Nil
Opening Balance	5,44,608-13-0	Closing Balance	5,61,082-5-0
			<u>5,61,082-5-0</u>

**Capital Account No. I DB Sheth U. P. Ayurvedic Research Unit**

Interest	7,274-11-6	Expenditure	Nil
Opening Balance	1,64,675-9-0	Closing Balance	1,71,950-4-6
			<u>1,71,950-4-6</u>

**Capital Account No. I E Post-Graduate Instruction and Research**

Interest	93,520-0-0	Amount transferred to Revenue for research staff, contingencies, books, equipment etc.	54,231-14-0
Opening Balance	31,14,705-11-10	Closing Balance	31,53,993-13-10
			<u>32,08,225-11-10</u>
			<u>32,08,225-11-10</u>

**Capital Account No. II Construction and Equipment of Colleges,  
Hostels, etc.**

Interest	12,561-9-10	Construction of Buildings	3,79,359-7-9
Grant from the Government of Bombay towards the construction of Women's Hostel	75,000-0-0	Equipment and furniture	76,179-2-0
Opening Balance.	7,40,668-13-4	Special repairs to buildings and roads	11,764-8-6
		Loss on sale of Securities	47,743-1-0
		Closing Balance	3,13,184-3-11
	<u>8,28,230-7-2</u>		<u>8,28,230-7-2</u>

**Capital Account No. III Women's Educational Trust Fund**

Interest	13,836-3-5	Building (Home Science Faculty)	2,51,345-10-0
Opening Balance	5,65,423-9-0	Equipment and furniture	11,235-7-9
		Amount transferred to Revenue for maintenance of Home Science Faculty	13,536-3-5
		Loss on sale of Securities	3,074-9-9
		Closing Balance	3,00,067-13-6
	<u>5,79,259-12-5</u>		<u>5,79,259-12-5</u>

(b) Revenue Accounts

**Receipts and Expenditure for the year 1952-53**

Sr. No.	RECEIPTS		EXPENDITURE	
	Particulars	Actuals 1952-53	Particulars	Actuals 1952-53
I		3	2	4
I	Tuition Fees and other income from Faculties		University Office Establishment	1,38,447-7-3
	(a) Faculty of Arts	1,15,717-13-0	Examination charges	1,22,932-5-4
	(b) Faculty of Science	2,29,634-1-0	Purchase of Deadstock & Repairs	2,474-12-3
	(c) Faculty of Edu. & Psy.	42,313-8-0	University Library	43,061-4-6
	(d) Faculty of Commerce	68,224-2-0	Publications	13,437-13-0
	(e) Faculty of Technology (inc. Eng.)	1,37,790-9-9	Information and Publicity	4,900-14-0
	(f) Faculty of Fine Arts	5,002-11-0	Remuneration to Lecturers	7,191-4-6
	(g) Faculty of Home Science	22,994-6-0	Travelling Allowance	27,236-8-9
	(h) Faculty of Social Work Institutions	3,426-9-3	Printing and Stationery	26,469-10-8
	(1) Oriental Institute		Physical Education Department	38,567-3-6
	(2) College of Indian Music	13,534-7-0	Maintenance of Bldgs. and Roads	47,006-8-7
	(3) Intermediate College of Arts & Commerce	127-8-0	Maintenance of Gardens	17,361-3-3
	(4) Baroda Sanskrit Mahavidyalaya	8-0-0	Municipal rates and taxes and law charges	2,824-4-9
	Less 15% of Tuition Fees for awarding freships	36,116-4-0	University contribution to P. F.	3,550-10-0
	Examination Fees	1,08,313-11-0	Research Staff, Contingency, and Equipment	68,328-9-3
III	Other Fees	43,607-0-0	Study Leave	23,701-11-9
IV	Income from Publications	7,593-0-9	Miscellaneous	56,472-3-6
			Total University Office	6,43,964-6-10

RECEIPTS			EXPENDITURE		
Sr. No.	Particulars	Actuals 1952-53	Sr. No.	Particulars	Actuals 1952-53
I	2	4	I	2	3
*V	Grant from the Government of Bombay	12,68,640- 8-3	XVIII	Faculties & Institutions	
†VI	Grant from Central Government	46,664-15-6		Faculties :	
VII	Grant from Sir Sayajirao Diamond Jubilee and Memorial Trust	3,17,000- 0-0	(a)	Faculty of Arts	3,42,113- 6- 9
VIII	Interest on cash balances	5,820-14-0	(b)	Faculty of Science	3,78,282-10-10
IX	Income from Endowments	93,793-13-2	(c)	Faculty of Education & Psy.	1,68,690- 2- 3
X	Income from Hostels for students	59,763- 0-0	(d)	Faculty of Commerce	78,537- 1- 9
XI	Income from use and occupation of University quarters and bungalows including furniture rent.	32,106- 0-9	(e)	Faculty of Technology (incl. Eng.)	5,62,128- 0- 6
XII	Income from lease of land and trees	1,018-10-0	(f)	Faculty of Fine Arts	1,04,542-12- 0
XIII	Miscellaneous income	14,441-11-4	(g)	Faculty of Home Science	1,04,388-11- 0
			(h)	Faculty of Social Work	95,404- 8- 3
				Institutions :	
			(1)	Oriental Institute	70,374- 4- 5
			(2)	College of Indian Music	91,001- 5- 0

\* A grant of Rs. 36,000/- is received from the Government of Bombay for the Sheth Ujamshi Pitamberdas AyurVeda Research Unit, out of which Rs. 8,705-8-3 are spent in 1952-53. Hence Rs. 8,705-8-3 are included under this head and Rs. 27,294-7-9 are carried forward to next year.

† The Central Government gave a grant of Rs. 80,000/- for purchase of equipment and library for Science Departments, out of which Rs. 21,664-15-6 are included under this head and the unspent balance of Rs. 58,335-0-6 (Rs. 80,000/- less spent Rs. 21,664-15-6) is carried forward to next year.

RECEIPTS			EXPENDITURE		
Sr. No.	Particulars	Actuals 1952-53	Sr. No.	Particulars	Actuals 1952-53
I	2	4	I	2	3
XIV	Transfer from depreciation fund for special repairs charged to Revenue Budget of the University Office, Faculties, and Institutions	31,191-12-4	(3)	Intermediate College of Arts and Commerce	26,222-12- 6
			(4)	Baroda Sanskrit Mahavidyalaya	42,555-7-6
			XIX	Hostels	20,64,241- 2-9 76,697- 7-9
				TOTAL..	26,32,612- 8-1
				Excess of Expenditure over Receipts, i. e. Deficit	1,52,290- 9-3
				TOTAL..	27,84,903- 1-4
				TOTAL :	27,84,903- 1-4

## 6. Construction Division.

### (a) Personnel

Shri N. B. Patel, B.E., A.M.I.E. (India), University Engineer, continued to be in charge of the Construction Division of the University during the year under report.

Shri B. R. Dalvi, Overseer on loan service was relieved on 30-6-1953 after office hours to join his new appointment as Deputy Engineer in Bombay P.W.D., South Gujarat Circle.

Shri G. G. Mistry was relieved on 30-6-1953 after office hours on termination of the period of his appointment.

### (b) Original works completed

The following original works were completed during the year under report :—

Sr. No.	Capital works completed during the year	Expenditure during 1952-53	Total expenditure from commencement of work
1	2	3	4
1	Extension to Workshop, Kalabhavan except electric fittings	Rs. 1,30,311-12-9	Rs. 2,12,103- 5-6
2	Providing C. T. Wood ceiling and rolling shutters in Weaving Shed	14,965-12-0	14,965-12-0
3	Miscellaneous stores, Faculty of Technology	3,132- 2-6	3,132- 2-6
4	Constructing Engineering College	40,006- 9-3	6,04,105-7-0
5	Constructing Hydraulic and Cement Testing Laboratory	10,657- 3-0	62,291-14-3
6	Students' Hostels	29,000-3-6	11,34,467-10-7
7	Faculty of Fine Arts:		
	( i ) Constructing Painting and Sculpture Studios. Only Pedestal fans are not received from the company		
	( ii ) General Studio and Exhibition Hall. Electric ceiling fans are not received from the company and remain to be provided	1,09,504-12-9	2,61,019- 5-9
	( iii ) The work of roads and levelling is taken in hand		
8	Wire-fencing round the Sports Ground	7,044-12-0	7,044-12-0

Sr. No.	Capital works completed during the year	Expenditure during 1952-53	Total expenditure from commencement of work
1	2	3	4
9	Workshop in University Experimental High School	6,042- 1-0	6,042- 1-0
10	Adding a kitchen to Nimb Nivas	4,951- 9-0	4,951- 9-0
11	Constructing Home Science College. Work completed except for paving of paths for Chetan Balwadi, and some levelling and pipe line for garden	2,51,345-10-0	5,42,574- 4-8

### (c) Works in progress

The following works were in progress during the year under report :—

Sr. No.	Capital works in progress during the year	Expenditure during 1952-53	Total expenditure from commencement of work
1	Acquisition of property on Piramitar Road. The award is not fixed yet. The approximate cost is deposited with the Government.	38,328-13- 3	38,328-13- 3
2	Compound Wall, Faculty of Technology. Only south side gate with a few panels of railing remain to be done as the electric posts were coming in the way.	37,899-7- 0	37,899-7- 0
3	Textile Testing Laboratory including pipe line. Ground floor is completed. The work of first floor is in progress.	1,11,113-12- 3	1,11,113-12- 3
4	Water-supply University campus. A few pipe lines and a 10 B.H.P. pump etc. remain to be provided.	6,599- 1- 6	6,599- 1- 6
5	Women's Hostel. Western wing completed except for electric installation; Southern wing is in progress.	1,68,323-12- 0	6,88,825- 3-11
6	Constructing a Hall in Baroda College. The work is nearly completed. Finishing is in progress. Electric installation is yet to be provided.	47,327-13- 0	47,327-13- 0

Sr. No.	Capital works in progress during the year	Expenditure during 1952-53	Total expenditure from commencement of work
1	2	3	4

7 Converting Shevanti Bag into 2 flats. The work is nearly completed. Bill is not prepared there being no adequate budget provision. 1,986- 0- 0 1,986- 0- 0

(d) Special repairs works

Minor additions and alterations under special repairs chargeable to capital budget were carried out in the year under report as shown below :—

	Budget	Expenditure
	Rs.	Rs.
1 University Office and Residential Bungalows	3,100	2,959-14- 9
2 Faculty of Arts	1,500	1,481- 9- 6
3 Faculty of Science	2,500 1,000*	3,166- 4- 0
4 Faculty of Education and Psychology	775*	774- 8- 0
5 Faculty of Commerce	500	467- 3- 0
6 Faculty of Social work	3,000 1,000*	1,437- 0- 0
7 College of Indian Music	2,200	1,271- 5- 9
8 Miscellaneous (Tools and Plants) (etc.)	500	206-11- 6

(e) Ordinary repairs and other work

The work of ordinary and special repairs was carried out throughout the year as per requirements of the University Office and different Institutions.

All the gardens except Botanical Gardens were looked after and maintained by the Construction Division.

7. University examinations.

The following two statements show the results of October, 1952 and March-April-May, 1953 examinations :—

\* By reappropriation.

Statement A—Results of University Examinations—October-November, 1952

S. No.	Examination	No. Registered		Absent		No. appeared			Number passed					Percentage of Passes					
						Men	Women	Total	I Class	II Class	Pass Class	Total	Grand Total						
1	B.Sc. (Subsidiary)	30	2	2	26	5	6	7	8	9	10	11	12	13	14	15	16	17	71
2	B.Com.	23	3	—	20	—	—	20	—	—	14	14	—	—	—	—	14	14	70
3	1st M.B., B.S.	8	—	—	8	—	—	8	—	—	6	6	—	—	—	—	6	6	75
4	B.E. (C.M. & E)	7	—	—	7	—	—	7	1	3	1	5	—	—	—	—	5	5	71
5	S.E.	23	1	—	22	—	—	22	—	—	17	17	—	—	—	—	17	17	71
6	M.S.W.	1	—	—	1	—	—	1	—	—	—	—	—	—	—	—	1	1	100

Statement B—Results of University Examinations—March-April-May, 1953

S. No.	Examination	No. Registered		Absent		No. appeared		Number passed										Percentage of Passes	Remarks
		Men	Women	Total	Men	Women	Total	Men					Women						
								Class I	Class II	Class	Pass Class	Total	Class I	Class II	Class	Pass Class	Total		
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18		
1	First Year Arts	268	1	209	58	267	1	31	116	148	—	16	29	45	193	72			
2	Inter Arts	273	6	207	60	267	2	30	115	147	—	21	27	48	195	73			
3	B.A. (Special)	116	3	80	33	113	2	28	34	64	1	18	10	29	93	82			
4	B.A. (General)	11	2	6	3	9	—	2	1	3	—	1	2	3	6	66			
5	M.A.	32	7	23	2	25	1	4	12	17	—	—	1	1	18	72			
6	F.Y. Science	461	—	437	24	461	23	125	146	294	2	8	7	17	311	67			
7	Inter Science	410	7	385	18	403	44	139	69	252	—	12	1	13	265	65			
8	B.Sc. (Principal)	172	3	152	17	169	9	46	71	126	1	7	9	17	143	84			
9	B.Sc. (Subsidiary)	182	1	170	11	181	—	—	122	122	—	—	10	10	132	72			
10	M.Sc.	17	—	17	—	17	—	6	5	11	—	—	—	—	11	64			

The result of candidate Seat No. 39 at the B.Sc. (Principal) examination has been held in reserve, as he has not passed the Subsidiary examination

S. No.	Examination	No. Registered		Absent		No. appeared		Number passed										Percentage of Passes	Remarks
		Men	Women	Total	Men	Women	Total	Men					Women						
								Class I	Class II	Class	Pass Class	Total	Class I	Class II	Class	Pass Class	Total		
11	Bachelor of Home Science	3	3	—	—	3	—	—	—	—	—	—	—	—	—	—	—	18	
12	F.Y. Commerce	133	2	130	1	131	4	24	53	81	—	1	—	1	82	62			
13	Inter Com.	103	2	101	—	101	3	17	40	60	—	—	—	—	60	59			
14	B.Com.	106	—	106	—	106	3	30	49	82	—	—	—	—	82	77			
15	M.Com.	8	2	6	—	6	—	2	3	5	—	—	—	—	5	83			
16	B.T.	93	—	82	11	93	9	40	32	82	*1	55	†1	10	92	98			
17	T.D.	37	—	36	1	37	—	—	35	35	—	—	—	1	36	97			
18	1st M.B., B.S.	38	2	29	7	36	—	—	22	22	—	—	—	4	26	72			
19	2nd M.B., B.S.	31	—	29	2	31	—	—	28	28	—	—	—	2	30	96			
20	F.E.	113	—	113	—	113	4	33	35	72	—	—	—	—	72	63			
21	S.E.	81	—	81	—	81	11	40	16	67	—	—	—	—	67	82			
22	B.E. (Civil) Part I	14	—	14	—	14	—	—	14	14	—	—	—	—	14	100			
23	B.E. (Mech. & Elec.) Part I	20	—	20	—	20	—	—	19	19	—	—	—	—	19	95			
24	B.E. (Mech. & Elec.) Part II	2	—	2	—	2	—	—	2	2	—	—	—	—	2	100			
25	Diploma in Mechanical Engineering	33	1	32	—	32	—	11	14	6	31	—	—	—	31	96			
26	Diploma in Civil Engineering	37	—	36	—	36	8	13	8	29	—	—	—	—	29	80			

\* Passes in Part II  
† Passes in Part I

Statement B Results of University Examinations—March-April-May, 1953 (contd.)

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S. No.	Examination	No. Registered			Absent			No. appeared			Number passed										Percentage of Passes	Remarks
		No. Registered			Absent			No. appeared			Men					Women						
		3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18					
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18					
27	Diploma in Electrical Engineering	17	—	17	—	17	1	8	6	15	—	—	—	—	15	88						
28	Diploma in Weaving Technology	7	—	7	—	7	4	3	—	7	—	—	—	—	7	100						
29	Diploma in Textile Chemistry	10	—	10	—	10	7	—	2	9	—	—	—	—	9	90						
30	Diploma in Architecture	8	—	8	—	8	—	3	3	6	—	—	—	—	6	75						
31	Diploma in Music	16	—	13	3	16	—	—	5	5	—	—	2	7	43							
32	Jyotish Visharada	1	—	1	—	1	—	—	1	1	—	—	—	1	100							
33	Vyakarana Visharada	1	—	1	—	1	—	—	1	1	—	—	—	1	100							
34	Jyotish Acharya	1	—	1	—	1	—	—	—	—	—	—	—	—	0							
35	Vyakarana Acharya	1	—	1	—	1	1	—	—	1	—	—	—	1	100							

S. No.	Examination	No. Registered			Absent			No. appeared			Number passed										Percentage of Passes	Remarks
		No. Registered			Absent			No. appeared			Men					Women						
		3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18					
36	Vyakarana Shastris	2	—	2	—	2	—	—	—	2	—	—	—	—	2	100						
37	Dharmashastra Shastris	1	—	1	—	1	—	—	1	1	—	—	—	—	1	100						
38	Master of Social Work	20	—	18	2	20	X2	*11	@2	15	X1	*1	—	2	17	85	Signs X, * and @ show Grades A, B, C. ‡ (includes 1 student with certificate course)					
39	Diploma in Painting	2	—	1	1	2	—	—	1	1	—	—	1	1	2	100						
40	M. Ed.	14	1	9	4	13	—	1	3	4	—	1	2	3	7	53						

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### 8. UN Appeal for Children Fund

An amount of Rs. 1,02,322-7-3 was received in 1950-51 from the Indian National Committee of the United Nations Appeal for Children Fund, New Delhi. The amount is invested in Government Securities. The annual interest from this Fund is to be utilised for the benefit of poor children in the following institutions :—

- (a) Chetan Balwadi, a nursery school attached to the Faculty of Home Science.
- (b) University Experimental High School attached to the Faculty of Education and Psychology.
- (c) Child Welfare Centre of the Faculty of Social Work.

The Syndicate sanction every year the distribution of the interest in the above three institutions on the recommendation of a Committee consisting of the Deans of the Faculties concerned.

During the year under report, the total amount of Rs. 2,255-13-0 was utilised out of the interest of the Fund as shown below :—

(a) <i>Chetan Balwadi</i>	
Medical fees	Rs. 50- 0-0
Medicine and Medical Treatment	Rs. 250- 2-0
Shoes	Rs. 7- 2-0
Clothes	Rs. 97-15-9
Freeships	Rs. 636- 0-0
Extra Food Stuff	Rs. 344-12-3
	<hr/>
	Rs. 1,386- 0-0
(b) <i>Experimental High School</i>	
Playing equipment	Rs. 300-0-0
Milk	Rs. 25-0-0
Medicines	Rs. 25-0-0
	<hr/>
	Rs. 350-0-0
(c) <i>Faculty of Social Work</i>	
Nutrition and Substitute Vitamins	Rs. 342- 6-6
Doctor's visit twice or thrice per term	Rs. 26- 8-0
Equipment for medical examination	Rs. 74- 9-0
Contingency	Rs. 39- 3-6
National equipment	Rs. 37- 2-0
	<hr/>
	Rs. 519-13-0
	<hr/>
Total	Rs. 2,255-13-0

## CHAPTER II—OFFICERS AND AUTHORITIES OF THE UNIVERSITY

### 1. Officers.

#### (i) *The Vice-Chancellor*

Shrimati Hansa Mehta, B.A. (Hons.), continued to work as Honorary Vice-Chancellor under Statute 114 D since 30-4-1952. During the year under report she was appointed a member of the Secondary Education Commission of the Government of India. In that capacity she had to tour the country. She was out of station on this and some other duties during following periods :—

- (i) 22-7-1952 to 30-7-1952
- (ii) 29-8-1952 to 9-9-1952
- (iii) 7-10-1952 to 31-10-1952
- (iv) 3-11-1952 to 5-12-1952
- (v) 29-12-1952 to 6-2-1953
- (vi) 17-2-1953 to 2-3-1953
- (vii) 4-4-1953 to 23-4-1953
- (viii) 27-4-1953 to 16-5-1953

A committee consisting of Shri C. J. Sutaria, Professor T.K.N. Mehta and Professor C. S. Patel carried on the duties of the office of the Vice-Chancellor during the first six periods. During the last two periods Professor C. S. Patel carried on the duties of the office.

(The Vice-Chancellor was deputed by the University to attend Seventh Quinquennial Congress of the Universities of the Commonwealth at Cambridge from 13th to 17th July, 1953. She also attended the meeting of the Executive Heads of Universities and Colleges throughout the Commonwealth in the week preceding. She left Baroda for the United Kingdom on 28-6-1953.)

#### (ii) *The Pro-Vice-Chancellor*

The Senate in the meeting held on 29th June, 1952, had resolved that as laid down in section 11A of the Act, the office of the Pro-Vice-Chancellor be filled. The Syndicate on 9-2-1953 recommended the following panel of three names for the election of the Pro-Vice-Chancellor under section 12 of the Act :—

- 1 Professor T.K.N. Menon
- 2 Professor C. S. Patel
- 3 Professor V. Y. Kolhatkar.

The election was placed on the business of the Senate meeting held on 22nd March, 1953. Two of the members on the panel—Professor T.K.N. Menon and Professor V. Y. Kolhatkar—requested permission of the House to withdraw their names from the panel. The House having permitted them to do so, Professor C. S. Patel was declared as duly elected Pro-Vice-Chancellor. He assumed office on 1-5-1953. Since then he continued to work as Pro-Vice-Chancellor. Besides this, he continued to hold the office of the Dean, Faculty of Science.

(iii) *The Registrar*

Shri B. K. Zutshi, M.A., LL.B. continued to work as Registrar throughout the year except during the period when he went on privilege leave from 19-12-1952 to 2-1-1953. Shri K. J. Majmudar, the Assistant Registrar acted as Registrar during his absence on leave.

**2. Authorities.**

(i) *The Senate*

The Senate constituted under section 18 (1) of the Act assumed office on 15-9-1951. It consists of 90 members. The list of members of the Senate has been published in the University Handbook Part I, 1953. All the members as per the list continued to hold office till the end of the year except for the changes mentioned below:—

- (a) Dr. Mrs. R. P. Devadas, B.Sc. (Madras), M.Sc. M.A., Ph.D. (Ohio) having been appointed as Offg. Dean of the Faculty of Home Science became an ex-officio Fellow on 19-1-1953 vice Dr. Leela Desai, B.A. (Hons.), B.T. (Bombay), M.A., Ph.D. (Michigan) resigned.
- (b) Professor K. T. Shah died on 10-3-1953. The Senate in their meeting held on 22-3-1953 passed the following resolution:—

“The Senate of the Maharaja Sayajirao University of Baroda have learned with great regret and sorrow the news of the death of Professor K. T. Shah who was an esteemed member of the Syndicate, Senate and other academic bodies of the University. Professor Shah took great interest in the affairs of the University from its inception and gave valuable advice and guidance in all matters.”

The Senate requested the Registrar to convey to the members of the bereaved family the feelings of grief and loss felt by the Senate.

The seat vacated by his death remained vacant till 22-6-1953.

(ii) *The Syndicate*

The Syndicate constituted under section 23 (2) of the Act assumed office on 31-10-1951. The following were the members of the Syndicate on 1st July, 1952:—

- 1 Shrimati Hansa Mehta, Vice-Chancellor
- 2 (Vacant) Pro-Vice-Chancellor
- 3 Shri S. S. Bhandarkar, Deputy Director of Education
- 4 Dr. Jivraj N. Mehta
- 5 Professor K. T. Shah
- 6 Shri C. J. Sutaria
- 7 Dr. J. M. Mehta
- 8 Dr. R. K. Trivedi
- 9 Shri R. V. Desai
- 10 Shri J. S. Parikh
- 11 Professor T.K.N. Menon
- 12 Dr. A. N. de Quadros
- 13 Shri G. B. Pandya
- 14 Professor C. S. Patel
- 15 Professor V. Y. Kolhatkar

The following changes occurred in the membership during the year:—

- (a) Professor C. S. Patel having assumed office of the Pro-Vice-Chancellor on 1-5-1953 became ex-officio member under section 23 (2) (ii) of the Act. His seat as a teacher elected by Faculties under section 23 (2) (vii) of the Act remained vacant.

- (b) Professor K. T. Shah died on 10-3-1953. His seat remained vacant till 22nd June, 1953, when Shri B. B. Joshi, L.T.M. (Hons.), A.T.I. was elected by the Senate as a member of the Syndicate in his place.

## CHAPTER III—SENATE

### 1. Number of meetings.

Three meetings of the Senate were held during the year under report on 5th October, 1952 ; 22nd March, 1953 and 22nd June, 1953.

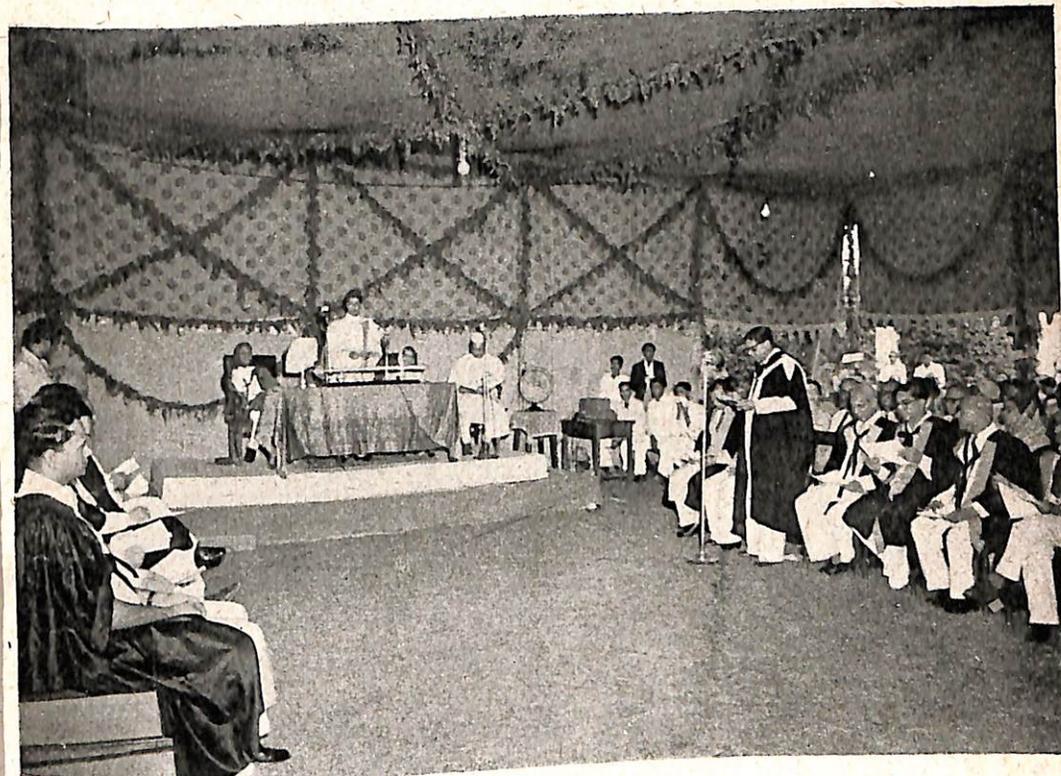
### 2. First meeting.

At the first meeting of the Senate held on 5th October, 1952, the following elections were held :—

- (a) Election of a Fellow on the Board of Visitors for the Faculty of Education and Psychology under provisions of Ordinance 189-1-C-(i) to fill up the vacancy that occurred due to the resignation of Shri S. N. Mukerji.
- (b) Election of three Fellows on the Board of Accounts under provisions of Statute 105A.
- (c) Election of two Fellows who are not members of the Syndicate and who are ordinarily resident in Baroda on the Board of Extra Mural Studies under provisions of Ordinance 247 (6).
- (d) Election of a recognised post-graduate teacher under provisions of Statute 84(2), to fill up the vacancy that occurred due to the resignation of Shri S. N. Mukerji.

For election under (a), Shri S. A. Sabnis being the only candidate duly nominated, was declared elected. For election under (b), Shri N. D. Chokshi being the only candidate duly nominated, was declared elected. The remaining two vacancies remained to be filled up. For election under (c) also, Shri H. C. Mehta was the only candidate duly nominated and he was declared elected. The remaining vacancy remained to be filled up. For election under (d) there were two candidates duly nominated—Dr. M. S. Patel, Faculty of Education and Psychology and Shri S. Dasgupta, Faculty of Social Work. As a result of the counting of votes Dr. M. S. Patel was declared elected.

At this meeting, the Senate also sanctioned a renewal of lapsed grant amounting to Rs. 710/- in the Revenue budget and Rs. 2,81,838/- in the Capital budgets. A sum of Rs. 45,000/- by way of supplementary grant in the Capital budgets was also sanctioned at this meeting. Ordinances No. 272 A and 272 B regarding tutorial work were also considered and passed. A proposal to amend Statute 92 was also passed. The Senate at this meeting also approved and adopted the report of the Board of



Second Annual Convocation : 4-10-1952

Accounts on the University Accounts for the years 1949-50 and 1950-51. The posts of Junior Lecturers in (i) Mechanical Engineering and (ii) Civil Engineering in the Faculty of Technology (including Engineering) and a post of a Junior Lecturer in Lithography in the Faculty of Fine Arts were also instituted at this meeting. Motions from two members in the matter of starting a Faculty of Law were on the Statement of Business of this meeting of the Senate. One of these was permitted to be withdrawn. During the course of the discussion on motion of the other member, the Senate adopted an adjournment motion. The motion therefore lapsed.

### 3. Second meeting.

At the second meeting of the Senate held on 22-3-1953, the following elections were held:—

- (a) Election of the Pro-Vice-Chancellor under section 12(1) of the Act.
- (b) Election to fill up two vacancies on the Board of Accounts under provisions of Statute 105A
- (c) Election to fill up one vacancy on the Board of Extra Mural Studies under provisions of Ordinance 247(6)
- (d) Election of one representative of the University on the Medical Council of India under section 3(1)(b) of the Indian Medical Council Act.

As mentioned earlier Professor C. S. Patel was declared elected as Pro-Vice-Chancellor. For election under (b) Shri N. G. K. Murti and Shri G. M. Tambe were the only two candidates duly nominated. They were declared elected. For election under (c), Shri A. S. Vasu was the only candidate duly nominated. He was declared elected. For election under (d), Dr. A. N. de Quadros was the only candidate duly nominated. He was declared elected.

At this meeting, the Senate assigned Fellows to the different Faculties. The Senate also sanctioned supplementary grant amounting to Rs. 13,340 in the Revenue budget and Rs. 52,800 in the Capital budgets. A proposal to amend section 48(2) and (6) of the Maharaja Sayajirao University of Baroda Act was considered by the Senate and passed. However, a proposal to amend sections 18 and 23 of the Act moved by Shri L. C. Divanji, a member of the Senate was referred back to the Syndicate. The Senate also considered and passed the Ordinances regarding the syllabi, standards of admission and of passing etc. for the various degree examinations under the Faculties of Arts, Science, Education and Psychology,

Commerce, Medicine and Technology (including Engineering). A proposal to amend Statute 162 was also considered and passed by the Senate at this meeting. The annual Audited Accounts and the Annual Report of the year 1951-52 were also considered and passed by the Senate. The report of the Board of Accounts on the University Accounts for the year 1951-52 was also approved and adopted. The Senate at this meeting instituted the posts of (1) Junior Lecturer in Gujarati, in the Faculty of Arts and (2) Senior Lecturer, in the Faculty of Education and Psychology.

A proposal moved by Shri S. A. Sabnis about giving exemption to the dependents of the University employees from payment of tuition fees was considered by the Senate. The proposal was adopted as amended by the Syndicate. A fresh proposal to start a Faculty of Law moved by Shri L. C. Divanji was also considered but it was referred back to the Syndicate by the Senate. Another proposal moved by Shri N. D. Chokshi in the matter of academic costumes was rejected by the Senate.

#### 4. Third meeting.

At the third meeting of the Senate held on 22-6-1953, election to the Syndicate under section 23(2) (v) of the Act to fill the vacancy caused by the death of Professor K. T. Shah was held. Shri B. B. Joshi being the only candidate duly nominated, was declared elected. The Senate, at this meeting considered and passed the Annual Financial Statement comprising

- (a) the Revised estimates for the Revenue budget for the year 1952-53 and the Estimates for the Revenue budget for the year 1953-54, and
- (b) the Revised estimates for the Capital budget for the year 1952-53 and the Estimates for the Capital Budget for the year 1953-54.

The Senate also passed Ordinances regarding syllabi, standards of admission and of passing etc. for the post-graduate examinations in the Faculties of Arts, Science and Education and Psychology. A proposal to amend Statute 162 B was also considered by the Senate and passed.

#### 5. Average attendance.

Average attendance at the meetings was 48.6.

## CHAPTER IV—THE SYNDICATE

### 1. Number of meetings.

During the year under report, the Syndicate held ten meetings (five ordinary and five special), at which they considered and passed resolutions on 747 items. A perusal of the minutes of the Syndicate meetings printed and circulated to the members of the Senate, would give an idea of the amount of work done at each meeting and the variety of subjects on which the Syndicate had to record their decision. Some of the important decisions are mentioned in the paragraphs below.

### 2. Framing of new courses.

The Syndicate continued to concentrate their attention on the framing of new courses for the existing degree and post-graduate courses. New courses for all the degree examinations except the M.B.,B.S. were completed last year. During the current year, the Faculties of Arts, Science and Commerce met early in October, 1952, and prepared schemes of courses for their Master's degrees, and issued directives to their Boards of Studies to frame the courses. The syllabi for the M.A. and M.Sc. courses as framed by the Boards with standards of admission and of passing, etc. were approved by the Faculties in January, 1953, and passed by the Syndicate in February, 1953. New courses for the M. Com. degree could not be completed during the year. The new courses for the M.B.,B.S. degree with necessary Ordinances applicable to students joining from June, 1953, were also approved by the Syndicate in February, 1953. The Faculty of Medicine took up the work of framing the Ordinances regarding syllabi and standards of admission, and of passing, etc. for the degrees of M.D., M.S., and M. Sc. and Post-graduate Diplomas of D.O., D.A., D.L. & O., D.M.R. & E., D.Ped., D.V. & D., and T.D.D. in the Faculty of Medicine. The courses for the M.Sc. (Bio-Chemistry) degree were also framed. New courses for the M.A., M.Sc., B.Com. and M.B.,B.S. degrees were started from June 1953. The Faculties of Fine Arts and Home Science have also taken up the question of framing courses for their Master's degrees.

### 3. Institution of some special courses.

(a) The Textile Technology Advisory Committee continued its work throughout the year. It held three meetings at which several details in connection with the institution of the course in Textile Engineering, such

as training of staff, purchase and fitting up of equipment and machinery, provision of buildings for the laboratories, syllabi and standards of admission, etc., provision of necessary finances, and the question of collaboration with the local Federation of Gujarat Mills and Industries in Textile Testing and Research were considered, and recommendations made to the Syndicate. All the necessary preliminaries were gone through by April, 1953, and the new four year course leading to the degree of B. Text. (Eng.) was started from 21-6-1953. The course is the first of its kind in India.

(b) The Syndicate approved a proposal from the Dean, Faculty of Technology (including Engineering) to re-organize the existing course leading to the Diploma in Weaving Technology into a course leading to the Diploma in Textile Technology, with a view to making it more useful to the textile industry, and to bring it in line with a similar course of the Bombay State Technical Education Department. Admissions to this new course were made from June, 1953.

(c) The Syndicate also sanctioned the provision of instruction (i) in Geography for the B. A. (Special and General) degree (ii) in Statistics for the M. A. and M. Sc. degrees and (iii) in two papers of Econometrics and Statistics for the M. A. degree from June, 1953.

#### 4. Development and improvement of the existing Departments.

(a) With a view to strengthening the staff of the existing departments, the Syndicate sanctioned the following new posts from the year 1953-54 :—

( i ) Faculty of Arts	I Junior Lecturer in Politics and Administration
	I Field Research Assistant in Sociology
( ii ) Faculty of Science	I Junior Lecturer in Mathematics
	4 Demonstrators, one each in Statistics, Physics, Chemistry and Botany
	I Draftsman in Geography
( iii ) Faculty of Education and Psychology	I Senior Lecturer in Psychology
	5 Teachers in Experimental High School

( iv ) Faculty of Technology (including Engineering)	I Junior Lecturer in Electrical Engineering
	I Demonstrator in Geology
	I Reader in Textile Engineering
	I Demonstrator in Textile Engineering
( v ) Faculty of Fine Arts	I Senior Lecturer in Process and Block-making
( vi ) Faculty of Home Science	I Teacher in Chetan Balwadi
( vii ) Faculty of Social Work	I Crafts Teacher
( viii ) College of Indian Music, Dance and Dramatics	I Kathak Dance Teacher
	I Visiting Lecturer in Dancing

(b) On a proposal from the Head of the Department of Statistics, an amount of Rs. 3,500/- was sanctioned for the purchase of back numbers of "Biometrika".

(c) With a view to providing proper instruction in Dramatics, the post of Senior Lecturer was filled up by the appointment of a Junior Lecturer, and an amount of Rs. 3,000/- was sanctioned for inviting outside experts to give lectures to the students of the Department.

(d) The following special grants for purchase of equipment were sanctioned for the year 1953-54 from the relevant Capital Accounts :—

( i ) Faculty of Technology (including Engineering)	
(a) Textile Technology Department	Rs. 4,00,000
(b) Equipment for the Engineering degree courses	Rs. 2,50,000
( ii ) Faculty of Science	Rs. 14,800
( iii ) Faculty of Fine Arts	Rs. 44,000
( iv ) College of Indian Music, Dance and Dramatics	Rs. 10,000
( v ) Halls of Residence	Rs. 800
( vi ) Faculty of Home Science	Rs. 24,200

(e) With a view to providing adequate equipment in the Department of Museology, a grant of Rs. 3,000/- was sanctioned. Another grant of Rs. 3,000/- was sanctioned for inviting Visiting Professors to give lectures to the students on selected topics in Museology.

(f) The Art History Department was transferred from the Faculty of Arts to the Faculty of Fine Arts. The Department was engaged in the preparation of a book on the History of Indian Fine Arts.

### 5. Efforts to encourage research work.

With a view to encouraging research, the Syndicate has set apart a fund (Capital Account No. 1 E) for financing new schemes of post-graduate instruction and research. Every year, the necessary amount, out of the interest of this fund, is transferred to the Revenue budget, and expenditure on account of post-graduate instruction of a specialized nature and new research schemes is met from it. During the year 1952-53, an amount of Rs. 72,500/- was sanctioned in the revised budget for this purpose. The actual amount spent was, however, Rs. 54,231-14-0, as shown below :—

(a) A scheme of inviting eminent scholars and experts in various specialized branches of knowledge as Honorary and Visiting Professors is introduced. These experts are expected to cover a particular portion of the syllabus in a number of lectures. Honorary Professors are expected to stay in Baroda, and give at least four lectures in a month, while Visiting Professors are expected to cover the portion in five to six lectures. Under this scheme, Dr. H. Goetz, Director of the Museum and Picture Gallery, was continued as Honorary Professor in Art History during the year under report. He resigned early in the month of August, 1953. Shri L. B. Shastri, retired Principal, Baroda Sanskrit Mahavidyalaya was appointed as Honorary Lecturer in the Faculty of Fine Arts. He gave some lectures on the subject of Art Appreciation to the students of the Faculty, and helped the Dean of the Faculty in conducting research. Besides this, the following were invited as Visiting Professors, and they delivered lectures, as detailed in Chapter XXI of this report :—

<i>Faculty</i>	<i>Visiting Professor</i>
( i ) Arts	Dr. Ishwari Prasad *
( ii ) Science	Dr. R. C. Shah*
( iii ) Education and Psychology	Shri F. S. Chothia
( iv ) Commerce	Dr. V. K. R. V. Rao
( v ) Medicine	Dr. A. B. Cook
( vi ) Home Science	Dr. A. R. Sunder Rajan
( vii ) Social Work	Dr. M. V. Govindswami *

Total amount spent under this head during the year was Rs. 5,908-5-3.

(b) A scheme to appoint Research Assistants on a monthly salary of Rs. 125/- p.m. and Research Students on a stipend of Rs. 75/- p.m. is

\* Dr. Ishwari Prasad, Dr. R. C. Shah and Shri M. V. Govindswami could not come to Baroda during the year to deliver the lectures.

also instituted to help members of the staff in the research work being carried out by them. Eleven Research Assistants were appointed during the year—three in the Department of Economics (including two in the Faculty of Commerce) and one each in Sociology, Archæology, Chemistry, Botany, Fine Arts, Social Work, Gujarati and Education. Six Research Studentships were also awarded—two in the Faculty of Arts, three in the Faculty of Science and one in the Faculty of Commerce. Besides this, the two Research students working at the National Physical Laboratory, New Delhi, were continued the award of stipends of Rs. 125/- p.m. for higher research work in Physics under Dr. K. S. Krishnan. The total amount spent over this scheme during the year was Rs. 16,543-4-0.

(c) Under the scheme of sanctioning grants for staff, books, equipment, contingencies, etc. for research work undertaken by members of the staff, the Syndicate had approved the following schemes. The amounts actually spent on the schemes during the year under report are shown against each.

<i>Faculty of Arts</i>		
Gujarati Department	A scheme of publishing critical editions of old Gujarati texts	Rs. 3,048-14-9
Sociology Department	Books, equipment and contingencies for field work	Rs. 4,104-4-3
<i>Faculty of Science</i>		
Statistics Department	Books and equipment	Rs. 4,500- 0-0
Chemistry Department	Equipment	Rs. 4,498-14-9
Physics Department	Equipment	Rs. 5,842-15-6
Zoology Department	Equipment	Rs. 5,892-3-3
<i>Faculty of Education and Psychology</i>		
	Equipment	Rs. 1,605-1-0
<i>Oriental Institute</i>		
	A scheme for compilation of a Chronology of Gujarat from the earliest period to 1947 A. D.	Rs. 2,286-14-6
	Total	Rs. 31,779-4-0

### 6. Organisation of the Sheth Ujamshi Pitamberdas Ayurvedic Research Unit.

Government of Bombay having accorded sanction to the conversion of the Sheth Ujamshi Pitamberdas Ayurvedic College Trust, Patan, into

the Sheth Ujamshi Pitamberdas Ayurvedic Research Unit in this University, the Syndicate took immediate steps to organise the Unit. Messrs. R. K. Zaveri & Co., the solicitors of the former Trust transferred the balances of the Trust to this University. The amounts received from them were Rs. 59,000 cash, Rs. 46,000 in 3% Development Loan, 1970-75, and three Fixed Deposit Receipts for a total amount of Rs. 66,161. The funds were formed into Capital Account No. IDB and arrangements were also made to receive the recurring grant of Rs. 36,000/- for the year from Government. The portion of the building of the Medical College at Baroda in which the Unit was to be housed having been completed, the Syndicate appointed a Committee in June, 1952 to organise the Unit. At the first meeting of this Committee on 20-7-1952, a Sub-Committee was appointed to consider the details about the staff, books, equipment, laboratories, museum, etc. needed for the Unit. This Sub-Committee met twice on 24-8-1952 and 11-1-1953. On the recommendation of this Committee the Syndicate appointed in November, 1952 two Research Vaidyas and appointed the Professor of Pharmacology of the Medical Faculty as the Head of the Unit. In December, 1952, the necessary budget for expenditure required for the Unit for the remaining months of the year under report amounting to Rs. 17,236 was sanctioned. By the end of the year, the cataloguing of books received from the former Trust and the lists of additional books, equipment and other articles needed for the Unit were completed and plans, estimates and selection of the site for the construction of a 'Rasashala' in the compound of the Medical College were finalised. As Government permission for building the Rasashala was not received, its construction could not be started during the year. The two Research Vaidyas carried on the work of preparing a survey of the available literature concerning certain diseases and drugs.

#### 7. Facilities to the members of the staff for higher studies.

(a) Three members of the staff who were granted study leave last year continued their higher studies abroad as shown below :—

Name	Designation	Nature of higher studies
(i) Shri S. N. Mukerji	Reader in the Faculty of Education and Psychology	Doctorate in Educational Administration, Columbia University.
(ii) Shri J. S. Dave	Junior Lecturer in Chemistry, Faculty of Science	Ph.D. in Physical Chemistry, London University.

Name	Designation	Nature of higher studies
(iii) Shri N. S. Pandya	Junior Lecturer in Physics, Faculty of Science	Ph.D. in Physics, London University.
(b) The following members of the staff were granted necessary leave without pay for further studies or research work in foreign Universities :—		
1 Shri S. N. Ranade (granted further leave upto October, 1953)	Senior Lecturer, Faculty of Social Work	U. S. Government Fellowship for higher studies in the field of Professional social work, New York School of Social Work.
2 Shri B. R. Seju	Demonstrator in Chemistry, Faculty of Science	Advanced studies in Metallurgy in U. K. as a Government of India Scholar.
3 Shri C. P. Shukla	Assistant Librarian, University Library	M.A. and Ph.D. in Library Science, Michigan University, U.S.A.
4 Shri S. T. Kothari	Junior Lecturer in Politics and Administration, Faculty of Arts	For further studies in Germany.
5 Professor M. N. Srinivas	Professor of Sociology, Faculty of Arts	Simon Senior Research Fellowship in Social Studies at Manchester University.
6 Dr. J. C. George	Reader in Zoology, Faculty of Science	Advanced studies in U.S.A. on U.S. Government Scholarship.
7 Dr. C. M. Mehta	Senior Lecturer in Chemistry, Faculty of Science	For further studies in U. K.

(c) The following members of the staff were given facilities as shown against their names for further studies or training in India :—

Name	Designation	Nature of facility
1 Shri S. D. Manerikar	Reader in Mathematics, Faculty of Science	Given full pay leave for a term for study of Higher Mathematics at the Tata Institute of Fundamental Research, Bombay.

Name	Designation	Nature of higher studies
2 Shri B. K. Rajarao	Junior Lecturer in Statistics, Faculty of Science	Deputed for training in 'Quality Control' at Delhi and again for a similar course at Madras.
3 Shri S. B. Mahabal	Senior Lecturer in Economics, Faculty of Commerce	Deputed for training in Co-operation at the special course at the Co-operation Training College, Poona.
4 Shri S. K. Roy	Reader in Electrical Engineering, Faculty of Technology (including Engineering)	For practical work at the Damodar Valley Corporation (Given railway fare each way).

#### 8. Purchase of Sadhana Press.

The International Book House, Bombay, the owners of the Sadhana Press, Baroda, informed the University about their intention to dispose of the Sadhana Press if the University was prepared to purchase it. In view of the large amount of printing work of the University, a major portion of which was being done at the Sadhana Press, the Syndicate appointed a Committee to consider the proposal in detail. On the recommendation of the Committee, the Syndicate decided to purchase the Press for an amount of Rs. 69,276/- as the actual ascertained and agreed value of stock-in-trade, work in progress, plant, machinery, types, printing materials, block, furniture, fittings, fixtures and other materials and things belonging to the Press and Rs. 2,000 for the transfer of the good-will. It was also agreed to take over the existing staff of the Press on their present emoluments and later fix them up in appropriate University grades. The possession of the Press was taken on 18-5-1953 and it was renamed as "The Maharaja Sayajirao University of Baroda Press (Sadhana Press), Baroda." A Press Advisory Committee consisting of Dr. C. S. Patel, Pro-Vice-Chancellor, Dr. R. K. Trivedi, Professor D. Subbarao, Shri L. B. Shah and Shri R. J. Patel, Manager of the Press was appointed to advise the Syndicate in matters concerning the administration of the Press. Before the end of the year, rules regarding the working of the Press and the procedure for the maintenance of the Press accounts were laid down in detail and all necessary formalities concerning transfer of good-will and of relevant documents were completed.

#### 9. Five Year Development Programme.

Early during the year under report, the Government of India invited all Universities to draw up a Five Year Programme of Development and asked them to send a consolidated request for grant under the Five Year Plan. The Deans of Faculties and Heads of Institutions drew up their programmes and the Syndicate appointed a sub-committee to scrutinise and draw up a consolidated Five Year Programme of Development in the University. The final programme was forwarded to the Government of India towards the end of July, 1952. Heads of Institutions were subsequently requested to compile separately detailed lists of books and equipment needed for their development programme. These lists were also forwarded to the Government of India with a request for a suitable grant. Separate requests were also sent to the Government of India for suitable special grants to the Faculty of Social Work and for the Faculty of Education and Psychology for its new schemes of Vocational Guidance Clinic, Rural Education Project, Curricular and Methodological research and extension of facilities for instruction in technical subjects to students of other high schools in the city. The main Five Year Plan is still under consideration of the Government of India but in the meanwhile the following grants were received from the Government of India during the year under report:—

Item	Amount
( i ) An <i>ad hoc</i> grant for the Faculty of Social work for training social workers on professional basis	Rs. 25,000
( ii ) Grants for equipment for the development of—	
(a) Chemistry Department	20,000
(b) Physics Department	10,000
(c) Botany Department	10,000
(d) Zoology Department	10,000
(e) Statistics Department	12,000
( iii ) Grant for Library of all Science Departments	18,000

Total 1,05,000/-

The Government of India has also approved the scheme of Vocational Guidance Clinic of the Faculty of Education and Psychology for the purpose of non-recurring and recurring grants under its Five Year Plan of Development of Secondary Education. Details of grants required for the Clinic have been worked out and sent to the Government of India.

## 10. Rules revised and newly framed.

### (a) Rules revised:—

(i) Under Fee collection and remittance rules it was laid down that the advance of Rs. 15/- paid by the student along with the application for admission should be forfeited to the University if the student is given admission but does not join. It was also laid down in rules regarding refund of fees that fees of students joining another institution should not be refunded. These rules caused considerable hardships to the students specially to students seeking admission to Engineering and Medical degree courses. Not being sure of admissions, the students had to pay advances and even fees, in some cases to more than one Faculty, and later had to accept admission in one of them after admissions were declared in the Engineering and Medical Colleges. To mitigate these hardships in genuine cases these rules were amended and provision was made for refund of the advance as well as tuition fees in cases of transfer from one Faculty to another within the University.

(ii) In the Rules regarding Research Studentships, there was no provision for any report by the Head of the Department in the middle of the year if the progress of the research student was not considered satisfactory. Rule No. 11 of the rules was suitably amended to make this provision. A form for the annual progress report of the research student as well as an agreement form to be signed by him were also approved.

(iii) Some experts coming to attend the meetings of University bodies and committees felt that the University travelling and halting allowance rules were not favourable to members coming from long distances. The University T. A. and H. A. rules were revised and members coming to attend University meetings from a distance of more than 400 miles were considered eligible to receive the actual expenses or T. A. and H. A. as per rules, whichever was favourable to them.

### (b) New Rules:—

(i) There were several requests from local professional and cultural associations for the use of halls and premises of several University buildings for purposes of examinations, meetings, entertainment programmes etc. There were no rules for guidance in the matter. In order to have a uniform procedure "Rules for allowing the use of the University premises (including halls) for public purposes" were framed. Under the rules, the use of University premises was permitted for holding public examinations, public

meetings of a non-political and non-sectarian nature, meetings of cultural and educational associations and gatherings and entertainment programmes. No rent is to be charged for holding examinations or meetings, but for gatherings and entertainments which are open to invited guests only, rules provide for the payment of Rs. 20/- per day for programmes of more than three hours' duration and Rs. 10/- per day for programmes of three hours or less, besides electric charges of Rs. 10/- per day for Baroda College Central Hall and Rs. 4/- per day for other halls.

(ii) In order to indicate the procedure which should be followed for the introduction of new courses as laid down in the Act and the Statutes, rules regarding the procedure were laid down. These rules specify the stages through which a proposal for the introduction of any new course has to pass before it is placed for consideration before the Syndicate.

(iii) In order that students and the public may know before hand the conditions on which admission to the Faculty of Technology (including Engineering) are made, a set of rules for admission to the First Year Engineering degree class were approved by the Syndicate. The rules were based on similar rules of the Government of Bombay with suitable modifications. Rules reserve 65% of the available seats for the students of the Maharaja Sayajirao University, 7% for backward class students of Bombay State and 2% for overseas students. The rules also lay down an elaborate procedure for an objective evaluation of the students' merit for the purpose of admission. A provision is also made to give special consideration to students passing the S.S.C. examination from the Technical High School.

(iv) The Rules regarding the working of the Maharaja Sayajirao University of Baroda Press (Sadhana Press), were framed on 18-5-1953 and approved by the Syndicate in June, 1953. These rules also lay down the duties and powers of the Press Manager.

## 11. Attendance at meetings.

The following statement shows the attendance of members at the meeting of the Syndicate during the year under report:—

Name	No. of meetings	Class of meetings	Present	Absent	Remarks
1. Shrimati Hansa Mehta, Vice-Chancellor	10	O.5/S.5	10	—	
2. Dr. C. S. Patel Pro-Vice-Chancellor	1	O.1/-	1	—	Assumed office on 1-5-1953.
3. Shri S. S. Bhandarkar	10	O.5/S.5	3	7	
4. Dr. Jivraj N. Mehta	10	O.5/S.5	6	4	
5. Professor K. T. Shah	7	O.3/S.4	4	3	Expired on 10-3-1953
6. Shri C. J. Sutaria	10	O.5/S.5	10	—	
7. Dr. J. M. Mehta	10	O.5/S.5	5	5	
8. Dr. R. K. Trivedi	10	O.5/S.5	9	1	
9. Shri R. V. Desai	10	O.5/S.5	8	2	
10. Shri J. S. Parikh	10	O.5/S.5	7	3	
11. Professor T.K.N. Menon	10	O.5/S.5	7	3	
12. Dr. A. N. de Quadros	10	O.5/S.5	6	4	
13. Shri G. B. Pandya	10	O.5/S.5	9	1	
14. Dr. C. S. Patel	9	O.4/S.5	9	—	Vacated this seat on 1-5-1953.
15. Professor V. Y. Kolhatkar	10	O.5/S.5	9	1	

## CHAPTER V—FACULTIES AND BOARDS

## 1. General.

The Faculties which were constituted under the amended Act and which assumed office on 7th October, 1951 continued to be in office during the period under report. The Boards of Studies which were constituted under the revised Act and which assumed office on 1st September, 1951 also continued to be in office during the period under report.

## 2. Members of the Faculties.

The names of the members of the different Faculties are listed on pages 23 to 34 of the University Handbook Part I, 1953. The members continued to be in office till the end of the year under report except for the changes shown below :

- ( i ) A vacancy occurred in the Faculties of Arts and Commerce consequent upon the death of Professor K. T. Shah who was assigned to both these Faculties.
- ( ii ) A vacancy occurred in the Faculty of Commerce consequent upon the death of Principal Y. D. Keskar, who was elected to the Faculty of Commerce by the Board of Studies in Commerce etc.
- ( iii ) Shri T. N. Joshi and Shri P. T. Kulkarni were elected by the Board of Studies in Engineering to represent the Board on the Faculty of Technology ( including Engineering ) in the vacancy caused by Professor D. Subbarao becoming Dean of the Faculty and Shri L. I. Bhatt, Reader in Civil Engineering, leaving the University.
- ( iv ) Two vacancies occurred in the Faculty of Fine Arts due to Shri P. M. Patkar, Head of the Department of Architecture and Shri J. D. Thakar, Senior Lecturer in Dramatics leaving the University.
- ( v ) Miss Amita J. Mehta and Mrs. J. N. Warner were elected to the Faculty of Home Science by the Board of Studies in Home Science. Mrs. Warner, however, resigned her membership as she was leaving India.

### 3. Members of the Boards of Studies.

The names of the members of the various Boards of Studies are given on pages 36 to 50, of the University Handbook, Part I, 1953. These members continued in office till the end of the year under report except for the changes shown below :—

- ( i ) Shri H. C. Mehta, Principal, Sanskrit Mahavidyalaya was appointed an expert on the Board of Studies in Sanskrit, Pali and Ardha Magadhi Languages and Literature.
- ( ii ) Shri K. M. Kapadia and Shrimati I. Karve were appointed as experts on the Board of Studies in Sociology on the vacancies caused by the resignation of Professor A. R. Wadia and Dr. I. P. Desai becoming a member of the Board from the teachers' constituency.
- ( iii ) Dr. H. Goetz resigned the membership of the Board of Studies in History, Archæology and Ancient Indian Culture.
- ( iv ) Dr. P. T. Raju was appointed as an expert on the Board of Studies in Philosophy in place of Professor A. R. Wadia resigned.
- ( v ) Principal L. N. Welingkar was appointed as an expert on the Board of Studies in Commerce, including Business Organisation, Accountancy and Audit, Banking, Transport, Cotton Industry etc., in place of Principal Y. D. Keskar expired.
- ( vi ) Shri B. N. Patel, Reader in Textile Technology ceased to be a member of the Board of Studies in Technology ( Textile ) on leaving the University.
- ( vii ) Professor P. J. Madan, became ex-officio member of the Board of Studies in Engineering, consequent upon his appointment as Head of the Department of Applied Mechanics.
- ( viii ) Shri P. M. Patkar ceased to be the Head of the Department of Architecture on his leaving the University and consequently ceased to be the ex-officio member and Chairman of the Board of Studies in Architecture.
- ( ix ) Professor D. Subbarao was appointed as an expert on the Board of Studies in Architecture.

- ( x ) Shri J. D. Thakar ceased to be a member of the Board of Studies in Music, Dancing and Dramatics consequent upon his leaving the University.
- ( xi ) Dr. ( Miss ) Leela Desai, ceased to be the Head of the Department of Home Economics Education on her leaving the University and consequently ceased to be an ex-officio member and Chairman of the Board of Studies in Home Science. She was, however, appointed by the Syndicate as an expert on the same Board.
- ( xii ) Miss Amita J. Mehta became a member of the Board of Studies in Home Science in place of Shrimati Ranjan Sadoc who left the University.
- ( xiii ) Dr. M. V. Radhakrishnarao was appointed as an expert on the Board of Studies in Home Science in place of Mrs. J. N. Warner resigned.
- ( xiv ) Shri S. Dasgupta ceased to be a member of the Board of Studies in Social Work on leaving the University.
- ( xv ) Professor S. M. Shah was appointed by the Syndicate as an expert on the Board of Studies in Mathematics in place of Professor M. C. Chakrabarti resigned.
- ( xvi ) Dr. Muzaffar Ali was appointed by the Syndicate as an expert on the Board of Studies in Geology and Geography.
- ( xvii ) Professor K. T. Merchant was appointed by the Syndicate as an expert on the Board of Studies in Economics in place of the late Professor K. T. Shah.

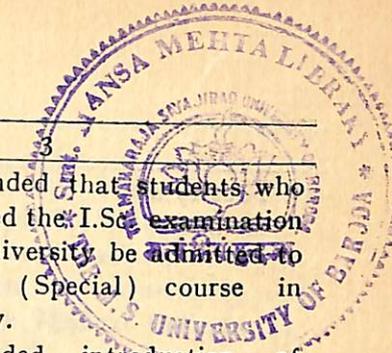
A new Board of Studies in Museology with three members was constituted during the period under report. The names of the members of the Board are given on page 47 of the University Handbook, Part I, 1953.

## 4. Meetings of the Faculties.

The following meetings of the Faculties were held during the period 1-7-1952 to 30-6-1953:—

Faculty	Date of the meeting and the date on which the report was considered by the Syndicate	Main business done at the meeting
1	2	3
1 Faculty of Arts	3-10-1952 (1-11-1952)	1 Considered the question regarding introduction of English at the B.A. (Special) examination.
		2 Gave a directive to the Boards of Studies to frame courses for the M.A. examination.
		3 Recommended future arrangements for the teaching of Sindhi in the University.
	27-1-1953 (9-2-1953)	1 Recommended courses for the M.A. examination.
		2 Recommended Ordinances regarding admission, syllabi, standard of passing etc. for the M.A. examination.
		3 Recommended Ordinances regarding the Ph.D. course in Arts.
		4 Considered the report of the meeting of the Board of Visitors for (1) the Faculty of Arts held on 7-8-1952. (2) the Oriental Institute held on 6-8-1952.
		5 Gave an opinion whether a post of a Junior Lecturer in Gujarati in the Faculty of Arts be instituted.
		6 Recommended that two more examinations be held under the old rules at the Intermediate Arts.

1	2	3
		7 Recommended that students who have passed the I.Sc. examination of this University be admitted to the B.A. (Special) course in Psychology.
		8 Recommended introduction of Education at the B.A. (General) examination.
		9 Recommended to amend O. 157 A to make provision for Civics and Administration as an alternative subject to History.
2 Faculty of Science	3-10-1952 (1-11-1952)	1 Gave a directive to the Boards of Studies to frame courses for the M.Sc. examination.
	27-1-1953 (9-2-1953)	1 Recommended courses for the M.Sc. examination.
		2 Recommended that the framing of courses in Instrumentation is immature.
		3 Considered the report of the meeting of the Board of Visitors for the Faculty of Science held on 2-8-1952.
3 Faculty of Education and Psychology	26-11-1952 (27-12-1952)	1 Recommended qualifications for admission to the B.A. (Special) course in Psychology.
		2 Recommended to change the name of the degree from Bachelor of Teaching (B.T.) to Bachelor of Education (B.Ed.).
		3 Recommended appointment of a committee to consider the proposals to introduce a new B.T. (B.Ed.) course.
		4 Approved the minutes of the meeting of the Board of Studies in Education and Psychology held on 26-11-1952.
4 Faculty of Commerce	3-10-1952 (1-11-1952)	1 Gave a directive to the Boards of Studies to frame courses for the M.Com. examination.



I	2	3
5 Faculty of Medicine	20-7-1952 (20-9-1952)	1 Considered the minutes of the meetings of the Boards of Studies in (i) Anatomy and Physiology held on 17-9-1951, (ii) Pharmacology and Pathology held on 17-9-1951, (iii) Medicine, Surgery, Midwifery etc. held on 6-10-1951 and 23-3-1952. 2 Recommended Transitional Ordinances for the degrees of M.B., B.S. applicable to students joining in the years 1951 and 1952. 3 Considered the letter from the Secretary, Medical Council of India regarding the Diploma of F.C.P.S. 4 Recommended amendment of rules regarding condonation of failure at University examinations. 5 Considered the letter from the Surgeon General with the Government of Bombay regarding condensed M.B., B.S. course.
	9-II-1952 (9-2-1953)	1 Considered the minutes of the meetings of the Boards of Studies in (i) Anatomy and Physiology held on 28-6-1952 and 9-II-1952, (ii) Pharmacology and Pathology held on 9-II-1952, (iii) Medicine, Surgery, Midwifery etc. held on 9-II-1952 and of the joint meeting of the Boards of Studies in Chemistry, Anatomy and Physiology and Pharmacology and Pathology held on 28-6-1952. 2 Recommended Ordinances for the degrees of M.B., B.S. applicable to students joining from June, 1953 in the Faculty of Medicine. 3 Considered the recommendations regarding degree courses for the M.B., B.S. examination received from the Medical Council of India.

I	2	3
	21-6-1953 (16-1-1954)	4 Considered the letter from the Secretary, Medical Council of India in the matter of Exchange of teachers between Inter University and Inter State Medical Colleges for certain periods. 5 Considered the letter from the President, All India Licentiate's Association regarding condensed M.B., B.S. course. 1 Considered the recommendations regarding post-graduate courses made by the Board of Visitors. 2 Gave a directive to the various Boards of Studies to frame post-graduate courses. 3 Considered the recommendations on post-graduate medical education passed by the Medical Council of India. 4 Considered the minutes of the Boards of Studies in (i) Anatomy and Physiology held on 21-6-1953, (ii) Pharmacology and Pathology held on 21-6-1953, (iii) Medicine, Surgery, Midwifery etc. held on 21-6-1953.
6 Faculty of Technology (including Engineering)	8-8-1952 (20-9-1952)	1 Considered the minutes of the meetings of the Boards of Studies in (i) Engineering held on 8-8-1952, (ii) Technology (Textile) held on 8-8-1952. 2 Forwarded their opinion on the proposal to institute two new posts of (i) Jr. Lecturer in Mechanical Engineering, (ii) Junior Lecturer in Civil Engineering. 1 Considered the minutes of the meeting of the Boards of Studies in (i) Engineering held on 7-II-1952 and 21-I-1953, (ii) Technology (Textile) held on 8-II-1952 and 21-I-1953.
	21-I-1953 (9-2-1953)	

I	2	3
		2 Considered the report of the meeting of the Board of Visitors for the Faculty of Technology (including Engineering) held on 8-8-1952.
	18-4-1953 (25-4-1953)	Considered the minutes of the meetings of the Boards of Studies in (i) Engineering held on 18-4-1953. (ii) Technology (Textile) held on 18-4-1953.
7 Faculty of Fine Arts	28-1-1953 (21-3-1953)	1 Considered the minutes of the meetings of the Boards of Studies in (i) Painting, Sculpture and Applied Arts held on 7 and 8-11-1952, (ii) Architecture held on 23-11-1952, (iii) Music, Dancing and Dramatics held on 29-11-1952, (iv) Museology held on 14-12-1952.
		2 Considered the schemes of examinations submitted by various Boards of Studies under the Faculty.
		3 Considered the syllabi in General Psychology for B.A. Fine Arts.
		4 Considered the recommendations made at the meeting of the Board of Visitors for the Faculty of Fine Arts held on 1-8-1952.
		5 Considered the recommendations made at the meeting of the Board of Visitors for the College of Indian Music, held on 2-8-1952.
		6 Considered the question of recognising the 'AFA' Diploma.
8 Faculty of Home Science	14-2-1953 (21-3-1953)	Considered the minutes of the meeting of the Board of Studies in Home Science held on 14-2-1953.
9 Faculty of Social Work	20-1-1953 (9-2-1953)	Considered the minutes of the meeting of the Board of Studies in Social Work held on 19-1-1953.
10 Joint Meeting of the Faculties of Arts, Science and Commerce	3-10-1952 (1-11-1952)	1 Gave a directive to Boards of Studies in (i) Mathematics, (ii) Statistics and Actuarial Science to frame post-graduate courses,

I	2	3
		2 Considered the minutes of the meeting of the Board of Studies in Mathematics held on 31-8-1952 and 1-9-1952.
	27-1-1953 (9-2-1953)	1 Recommended courses for the M.A., M.Sc. and M.Com. examinations in Mathematics and Statistics and Econometrics etc.
		2 Recommended courses in Geology for the Inter Science, B.Sc. (Subsidiary and Principal) and B.A. (as a subsidiary subject) examination.
		3 Recommended courses in Geography for the F.Y. Arts, Inter Arts and B.A. examinations.
11 Joint meeting of the Faculties of Arts and Commerce	3-10-1952 (1-11-1952)	1 Gave a directive to Boards of Studies in (1) Economics and (2) Politics and Administration to frame post-graduate courses.
		2 Recommended modified courses in Politics for the B.A. examination.
		3 Recommended courses in Economics for the B.A. (General and Special) and M.A. examinations.
		4 Recommended a 3 years' Honours Course in Economics at the B.A.
12 Joint meeting of the Faculties of Science and Medicine	21-6-1953 (16-1-1954)	1 Recommended (1) types of students to be admitted to M.Sc. (Bio-chemistry) examination, (2) basic courses to be covered by different types of students for being eligible for admission in M.Sc. (Bio-chemistry), (3) courses for the M.Sc. (Bio-chemistry) examination.
		2 Considered the minutes of the meeting of the Board of Studies in Anatomy and Physiology held on 28-6-1951.
		3 Considered the question of admitting B. Pharm. students to the M.Sc. (Bio-chemistry) course,

## 5. Meetings of the Boards of Studies.

The following meetings of the Boards of Studies were held during the period 1-7-1952 to 30-6-1953 :—

Name of the Board of Studies	Date of the meeting and the date on which the report was considered by the Faculty.	Main items considered
1	2	3
<b>I Under the Faculty of Arts</b>		
1 Sanskrit, Pali & Ardha Magadhi Languages and Literature	22-II-1952 (27-I-1953)	1 Election of a teacher on the Faculty of Arts. 2 Prepared the panels of examiners. 3 Considered the report of examiners. 4 Framed courses in Sanskrit and Pali for the M.A. examination. 5 Recommended text-books for the B.A. (Special) examination for 1954 and 1955 and the M.A. examination for 1954, 1955, 1956 and change in the text-book in Pali for the Intermediate Arts examination. 6 Considered the अर्धमागधी (प्राकृत) अभ्यासयोजना submitted by Shri L. B. Gandhi.
2 Persian, Urdu & other Asian Languages and Literature	8-II-1952 (27-I-1953)	1 Prepared the panels of examiners. 2 Considered the report of examiners. 3 Framed the courses in Persian and Urdu for the M.A. examination. 4 Recommended text-books in Persian for F. Y. Arts and Intermediate Arts examinations, 1954, 1955, 1956.
3 Hindi Language and Literature	10-II-1952 (27-I-1953)	1 Prepared the panels of examiners. 2 Considered the report of examiners. 3 Framed the courses in Hindi for the B.A. (Special) examination. 4 Framed the courses in Hindi for the M.A. examination.

1	2	3
		5 Recommended text-books for various examinations.
		6 Recommended changes in text-books.
4 Gujarati Lang- uage and Literature	10-II-1952 (27-I-1953)	1 Election of a teacher on the Faculty of Arts. 2 Prepared the panels of examiners. 3 Considered the report of examiners. 4 Framed the courses in Gujarati for the M.A. examination. 5 Recommended text-books in Gujarati for the B.A. (General and Special) and M.A. examinations for 1955.
5 Marathi Lang- uage and Literature	10-II-1952 (27-I-1953)	1 Prepared the panels of examiners. 2 Considered the report of examiners. 3 Framed the courses in Marathi for the M.A. examination.
6 English Lang- uage and Literature	8-II-1952 (27-I-1953)	1 Election of a Chairman. 2 Election of one teacher on the Faculty of Arts. 3 Prepared the panels of examiners. 4 Considered the report of examiners. 5 Framed the courses in English for the M.A. examination. 6 Recommended changes in text-books for the B.A. examination 1954, and the portion to be studied for the F. Y. Arts and Second year in Home Science and in Fine Arts.
7 Modern & An- cient European Languages and Literature	8-II-1952 (27-I-1953)	1 Prepared the panels of examiners. 2 Considered the report of examiners. 3 Recommended text-books in French for F. Y. Arts, Intermediate Arts and B.A. examinations. 4 Recommended courses for the Junior and Senior Diploma in French.

I	2	3
8 Sociology	21-II-1952 (27-I-1953)	1 Prepared the panels of examiners. 2 Framed the courses in Sociology for the M.A. examination. 3 Recommended modification in courses for the B.A. (General and Special) examination.
9 History, Archaeology and Ancient Indian Culture	7-2-1953 (21-3-1953)	1 Prepared the panels of examiners. 2 Considered the report of examiners. 3 Framed the courses in History and Archaeology for the M.A. examination. 4 Framed the courses in European History from 1789 to the present day.
10 Philosophy	17-II-1952 (27-I-1953)	1 Election of a teacher on the Faculty of Arts. 2 Prepared the panels of examiners. 3 Considered the report of examiners. 4 Framed the courses in Philosophy for the M.A. examination. 5 Recommended modification of courses in Philosophy for the B.A. (General and Special) examination. 6 Recommended revision of undergraduate courses.
11 Joint Boards of Studies in Modern Indian Languages	10-II-1952 (27-I-1953)	Review of the courses from F. Y. to Masters' examination with a view to prepare a common structure for all the Modern Indian Languages.

## II Under the Faculty of Science

12 Physics & Meteorology	17-II-1952 (27-I-1953)	1 Prepared the panels of examiners. 2 Considered the report of examiners. 3 Framed the courses in Physics & Meteorology for the M. Sc. examination. 4 Considered the courses in Instrumentation.
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I	2	3
13 Chemistry	22-II-1952 (27-I-1953)	1 Prepared the panels of examiners. 2 Considered the report of examiners. 3 Framed the courses in Chemistry for the M. Sc. examination. 4 Considered the courses in Instrumentation. Recommended syllabi in basic courses for the M. Sc. (Bio-chemistry) examination.
14 Botany	11-4-1953 (21-6-1953) 12-II-1952 (27-I-1953)	1 Election of a teacher on the Faculty of Science. 2 Prepared the panels of examiners. 3 Considered the report of examiners. 4 Framed the courses in Botany for the M. Sc. examination. 5 Considered the courses in Instrumentation.
15 Zoology	29-II-1952 30-II-1952 (27-I-1953)	1 Election of a teacher on the Faculty of Science. 2 Prepared the panels of examiners. 3 Considered the report of examiners. 4 Framed courses in Zoology for the M. Sc. examination. 5 Considered the courses in Instrumentation.

## III Under the Faculty of Education & Psychology

16 Education and Psychology	26-II-1952 (26-II-1952)	1 Prepared the panels of examiners. 2 Considered the report of examiners. 3 Considered the Examination Reforms as suggested by the Principals of S. T. T. Colleges of Bombay State. 4 Recommended syllabus in General Psychology for the Fine Arts Faculty. 5 Recommended changes in courses of the M. Ed. examination and in Psychology at the B. A. examination.
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I	2	3
<b>IV Under the Faculty of Commerce</b>		
17 Commerce, including Business Organisation, Accountancy and Audit, Banking, Transport, Cotton Industry etc.	10-II-1952 (9-II-1952)	1 Prepared the panels of examiners. 2 Considered the report of examiners. 3 Appointed various committees to frame syllabi in different subjects at the M. Com.
<b>V Under the Faculty of Medicine</b>		
18 Anatomy and Physiology	9-II-1952 (9-II-1952) II-4-1953 (2I-6-1953) 2I-6-1953 (2I-6-1953)	1 Prepared the panels of examiners. 2 Considered the report of examiners. Framed syllabi in basic courses for the M. Sc. (Bio-chemistry) examination. 1 Prepared the panels of examiners. 2 Considered the report of examiners. 3 Framed the syllabi for the M. Sc. (Human Anatomy and Physiology) examinations.
19 Pharmacology & Pathology	9-II-1952 (9-II-1952) 2I-6-1953 (2I-6-1953)	1 Prepared the panels of examiners. 1 Prepared the panels of examiners. 2 Framed the syllabi for post-graduate examinations in (a) M. D. in Pharmacology (b) M. D. in Pathology (c) M.Sc. in Pathology and Bacteriology.
20 Medicine, Surgery, Midwifery etc.	9-II-1952 (9-II-1952) 2I-6-1953 (2I-6-1953)	Recommended Ordinances applicable to students joining from June, 1953 in the Faculty of Medicine. 1 Prepared the panels of examiners. 2 Framed the syllabi for the following Degrees and Diplomas: (i) Doctor of Medicine (M. D.) (ii) Master of Surgery (M. S.) (iii) Diploma in Ophthalmology (D. O.)

I	2	3
		(iv) Diploma in Anæsthesiology (D. A.) (v) Diploma in Laryngology and Otology (D. L. & O.) (vi) Diploma in Medical Radiology and Electrology (D. M. R. & E.) (vii) Diploma in Pediatrics (D. Ped.) (viii) Diploma in Venerology & Dermatology (D. V. & D.) (ix) Diploma in Tubercular Diseases (T. D. D.)
<b>VI Under the Faculty of Technology (including Engineering)</b>		
21 Technology (Textile)	8-8-1952 (8-8-1952) 8-II-1952 (2I-1-1953) 2I-1-1953 (2I-1-1953) 18-4-1953 (18-4-1953)	Framed syllabi for the first two years of the degree courses in Textile Engineering. 1 Prepared the panels of examiners. 2 Considered the report of examiners. 3 Recommended change in the nomenclature of the degree in Textile Engineering. 4 Recommended changes in the syllabus framed for the degree courses in Textile Engineering. 1 Revised the syllabi for the first two years of the degree courses in Textile Engineering, B. Text. (Eng.). 2 Considered the applications of 4 members of staff for admission to the B. Text. (Eng.) course. 1 Framed syllabi for the Diploma in Textile Engineering. 2 Recommended changes in the syllabus for Diploma courses in Textile Chemistry in view of the abolition of the Diploma in Weaving Technology course.

I	2	3
	21-6-1953	Modified Ordinances regarding syllabi for Diploma in Textile Engineering and Diploma in Textile Chemistry.
22 Engineering	8-8-1952 (8-8-1952)	1 Recommended Transitory Ordinances relating to failed candidates of S.E. (Civil) of the old 3½ years' course. 2 Recommended Transitory Ordinances relating to failed candidates of S.E. (Mech. and Elec.) of the old 3½ years' course.
	7-II-1952 (21-1-1953)	1 Election of two teachers on the Faculty of Technology (including Engineering). 2 Prepared the panels of examiners. 3 Considered the report of examiners.
	21-1-1953 (21-1-1953)	1 Framed the syllabi in the subjects of Civil Engineering II and Geology for the candidates who have passed the S.E. (Civil) examination held in November, 1952 under the old rules. 2 Recommended Transitory Ordinances relating to candidates who have passed the S.E. (Mech. and Elec.) examination held in November, 1952 under the old rules.
	18-4-1953 (18-4-1953)	Recommended changes in certain portions of the syllabus for the degree courses in Engineering.

#### VII Under the Faculty of Fine Arts

23 Painting, Sculpture and Applied Arts	7 & 8-II-1952 (28-1-1953)	1 Prepared the panels of examiners. 2 Considered the report of examiners. 3 Considered the question of admission to the Faculty of Fine Arts. 4 Considered the question of reducing the period of teaching Cultural Background. 5 Considered the question of including Gujarati.
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I	2	3
24 Architecture	23-II-1952 (28-1-1953)	1 Prepared the panels of examiners. 2 Considered the report of examiners.
25 Music, Dancing & Dramatics	29-II-1952 (28-1-1953)	1 Election of a Chairman. 2 Election of teachers and experts to the Faculty of Fine Arts. 3 Prepared the panels of examiners. 4 Considered the report of examiners. 5 Recommended changes in the courses in Dance. 6 Considered the additional suggestions in the courses etc. in Dramatics. 7 Recommended courses in Diploma in Tabla. 8 Considered the question of introducing a University examination at the Third year of Diploma course in Music. 9 Considered the examination scheme in Music, Dancing and Dramatics. 10 Considered the question of introducing T.D. and B.Ed. courses in Music. 11 Considered the question of framing post-graduate courses.
26 Museology	14-12-1952 (28-1-1953)	1 Election of a Chairman. 2 Election of two experts on the Faculty of Fine Arts. 3 Recommended syllabi for the Diploma course in Museology. 4 Considered whether the members of the Museum staff be considered eligible for admission to the Diploma course. 5 Considered whether any concessions in attendance be given to the post-graduate students, doing research or field work or working in other Museums and educational institutions for preparation of their theses.

I	2	3
		6 Considered the scope and application of Museology to the degree students of Painting, Sculpture and Applied Arts.
		7 Considered the usefulness and application of Museology to other fields of education in the University.

#### VIII Under the Faculty of Home Science

27 Home Science	14-2-1953 (14-2-1953)	1 Election of a Chairman. 2 Election of a teacher and an expert on the Faculty of Home Science. 3 Recommended changes in courses. 4 Recommended changes in existing credits. 5 Recommended suggestions for introducing the new courses. 6 Made proposals for offering Majors in Home Science Education and Home Management. 7 Recommended exemptions to be given to the candidates with Diplomas and to the candidates who have done certain courses in other recognised institutions in admitting them to the B. Sc. (Home) degree class.
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#### IX Under the Faculty of Social Work

28 Social Work	19-1-1953 (20-1-1953)	1 Considered the question of grading students in case of their absence from field work. 2 Prepared the panels of examiners. 3 Framed the courses for the year 1953-54. 4 Considered the plan for an undergraduate Rural Welfare Institute.
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#### X Under the Joint Faculties of Arts, Science & Commerce

29 Mathematics	31-8-1952 & 1-9-1952 (3-10-1952)	1 Election of two members on the Faculties of Arts, Science and Commerce.
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I	2	3
		2 Considered the different proposals to make the teaching of Mathematics effective.
	23-11-1952 (27-1-1953)	1 Prepared the panels of examiners. 2 Considered the report of examiners.
	30-11-1952 & 1-12-1952 (27-1-1953)	1 Framed the courses in Mathematics for the M.A. and M.Sc. examinations. 2 Recommended changes in the courses in Mathematics for the B.Sc. (Subsidiary) examination. 3 Recommended revision of undergraduate courses.
30 Statistics and Actuarial Science	16-11-1952 (27-1-1953)	1 Prepared the panels of examiners. 2 Considered the report of examiners. 3 Framed the courses in Statistics for the M.A. and M.Sc. examinations. 4 Framed the courses in Econometrics and Advanced Statistics for the M.A. and M.Com. examinations.
	31-3-1953 & 1-4-1953 (7-2-1954)	Framed courses for two papers in Statistics for students offering Mathematics at the M.A. and M.Sc. examinations.
31 Geology and Geography	15-11-1952 (27-1-1953)	1 Election of a Chairman. 2 Prepared the panels of examiners. 3 Considered the report of examiners. 4 Framed courses in Geography for the different examinations of the University.
	17-1-1953 (27-1-1953)	1 Framed syllabi in Geology for the B.Sc. examination. 2 Framed syllabi in Geography for F.Y. Arts to B.A. classes.

### XI—Under the Faculties of Arts & Commerce

- |                                |                           |  |
|--------------------------------|---------------------------|--|
| 32 Economics                   | 20-II-1952<br>(27-I-1953) | 1 Prepared the panels of examiners.<br>2 Considered the report of examiners.<br>3 Framed the courses in one paper of Principles of Economics for the B.A. examination.<br>4 Appointed a committee to draft courses in (1) Advanced Economic Theory and (2) Economics of Agriculture and Co-operation for the M.Com. examination. |
| 33 Politics and Administration | 13-II-1952<br>(27-I-1953) | 1 Prepared the panels of examiners.<br>2 Considered the report of examiners.<br>3 Framed courses in Politics for the M.A. examination.<br>4 Recommended changes in the courses in Politics for the B.A. (General and Special) examination.   |

### CHAPTER VI—OTHER BOARDS AND COMMITTEES

Besides the authorities mentioned in the foregoing chapters, there are several Boards and Committees to help and advise the Syndicate in academic and administrative matters. The names of the members of these bodies are given on pages 51 to 69 of the Handbook Part I, 1953. The work done by some of these bodies during the year is mentioned below:—

#### 1. Council of Post-Graduate Studies and Research.

The Council met twice on 4-8-1952 and 17-1-1953 and considered 24 items. Some of the important resolutions were as under:—

- (i) Recommended appointment of a Committee to consider proper co-ordination of research work.
- (ii) Registered 90 students as post-graduate students.
- (iii) Fixed six as the maximum number of Ph.D. students who could work under a recognised teacher at one time.
- (iv) Recommended conventions to be followed for recognition of post-graduate teachers.
- (v) Recommended the rules for Ph.D. studies in the University.
- (vi) Recommended allocation of Research Assistantships to the various Faculties.

#### 2. Standing Committee on Equivalence of Examinations.

The Committee held two meetings on 4-8-1952 and 16-1-1953 and considered 25 items. Some of the important resolutions were as under:—

- (i) Recommended for adoption Regulations 1 to 5 and Statute 200 of the Bombay University with some modifications regarding equivalence of examinations.
- (ii) Considered the question of recognition of the examinations of Gujarat, Poona, Nagpur and Osmania Universities.
- (iii) Recommended recognition of the two years' course of the Joint Services Wing, Dehradun for purposes of admission to the F.Y. Science Inter Arts and Inter Commerce classes and of the Higher Secondary Technical Certificate Examination of Delhi State for admission to the Inter Science Class.

### 3. Shri Sayaji Sahityamala Publications Committee.

The Committee met once during the year on 17-7-1952 and considered 13 items. Some of the important resolutions were as under :—

- (i) Some manuscripts duly approved by the experts were recommended for publication.
- (ii) Six manuscripts were referred to the experts for their opinion.
- (iii) Resolved that every year the scheme of publication of the works as well as the budget required for it be prepared and submitted for sanction.

### 4. The Finance and Establishment Standing Committee.

The Committee held ten meetings during the year and submitted its recommendations on the same day to the Syndicate on 219 items concerning additional establishments, increase of grants, purchase of equipment, the giving of contracts for construction works, and of annual contracts for the supply of stationery articles, apparatus, instruments, glassware and sundry articles and laboratory requirements of the institutions under the University.

### 5. Investment Committee.

The Committee held in all ten meetings during the year and made recommendations on the same day to the Syndicate about investments etc. of the University funds.

### 6. Publication Board.

The Publication Board met once during the year on 5th July, 1952 and considered seven items. The following were the important items considered by the Board :—

- (i) Noted the sanction of the publication grant of Rs. 15,500/- for the publication of works in the different series in the Oriental Institute, etc. for the year 1952-53.
- (ii) Recommended that the Editorial Board of the University Journal should maintain a list of experts on various subjects and that only such articles as are approved by the experts in the subject concerned should be published in the Journal.
- (iii) Appointed a sub-committee to draft rules regarding University publications.

### 7. Students' Advisory Bureau for Studies in India and Abroad.

The office of the Bureau continued to function as usual in the University Office. Necessary calenders, prospectuses, handbooks, etc. were

collected and supplied to the students for reference in the office. Necessary information and advice was also given to students for studies. No meeting of the Bureau was held during the year.

### 8. N.C.C. Senior Division Advisory Committee.

The committee held one meeting during the year on 12-7-1952 and considered seven items concerning the N. C. C. and submitted its recommendations thereon to the Syndicate. The following were some of the recommendations :—

- (i) A Club for the N. C. C. Cadets and Officers be set up.
- (ii) Approved the suggestion that some films regarding the N.C.C. training in other countries be shown to the students and that N.C.C. Journals be subscribed for and supplied to the students for reading.
- (iii) Recommended provision of an N. C. C. band.

### 9. Library Committee.

The Committee met twice during the year, on 12-8-1952 and 7-3-1953 and considered 17 items. The following are the important items considered by the Library Committee :—

- (i) Considered the report of the year's work (1951-52) and recommended it to the Syndicate for acceptance.
- (ii) The total amount of Rs. 20,000/- of the Book Grant was distributed among the various departments.
- (iii) Recommended to the Syndicate that the University Library be allowed to take part in the UNESCO Book Exchanges Programme.
- (iv) Recommended that the proposal for loan of books between the Bombay Branch of the Royal Asiatic Society and the University Library on the basis of reciprocity be approved.

### 10. Hostel Supervisory Council.

The Council met once during the year on 11-8-1952 and considered and approved

- (i) the Hostel Rules framed by the Wardens' Committee with certain modifications.
- (ii) the Report regarding the budget sanctioned for the Hostels.

**11. University Board of Sports.**

The Board held five meetings during the year and considered 25 items. The following are some of the important items considered by the Board :

- ( i ) Accepted the trophy named ' Professor A. R. Wadia Trophy for Badminton ' presented by Shri B. K. Zutshi, Registrar, The Maharaja Sayajirao University of Baroda.
- ( ii ) Recommended to send University teams for Cricket, Hockey Volley-ball and Badminton to participate in the Inter-University tournaments.
- ( iii ) Considered the question of having separate budgets for Physical training activities and the various Sports activities.
- ( iv ) Considered the question of the development of the University Sports ground.
- ( v ) Recommended that the Superintendent of Physical Education, Shri M. M. Upadhyaya be appointed to represent the University on the Inter-University Sports Board.
- ( vi ) Recommended that Shri J. M. Ghorpade be awarded University Colours for being selected in the All India Cricket XI which toured the West Indies.

**12. Committee to select Wardens.**

The Committee met once during the year and the following persons were appointed as Wardens for the different Hostels from 1-6-1953.

1. Shri C. M. Shukla—Hostel No. 1
2. Shri L. J. Bhatt—Hostel No. 2
3. Shri C. M. Patel—Hostels at Salatwada and Bungalow No. 11
4. Shrimati S. Malhan—Women's Hostel  
( Shri C. M. Shukla is to hold charge of Hostel No. 3 till the appointment of a permanent Warden ).

**13. Wardens' Committee.**

The Committee held five meetings during the year and made recommendations to the Syndicate on 19 items. Some of the recommendations were as follows :—

- ( i ) The students should run their own messes and no contract should be allowed in the Hostels.
- ( ii ) The office of the Convener of the Wardens' Committee be located in University Hostel No. 1.

- ( iii ) Fully equipped First-Aid boxes be provided in each hostel.
- ( iv ) The contingency grant for the year 1953-54 be raised to Rs. 16,000/- in view of likely increase in electric consumption and other amenities.
- ( v ) Fresh application forms be printed with the new hostel rules.

**14. Board of Extra Mural Studies.**

The Board met once during the year on 17-8-1952 and made recommendations on the following ten items :—

- ( i ) Inviting Visiting Professors for various Faculties
- ( ii ) Arranging extension lectures
- ( iii ) Inviting Visitors to some Institutions
- ( iv ) Arranging students' educational tours, excursions and visits
- ( v ) Organising exhibitions of educational films
- ( vi ) Arranging exhibitions on various subjects
- ( vii ) Organising celebrations, demonstrations, etc.
- ( viii ) Co-ordination of the work of Societies
- ( ix ) Setting-up and looking after libraries and reading-rooms
- ( x ) Schemes of seminars, tutorial work, parliamentary debates, etc.

**15. Sanskrit Mahavidyalaya Committee.**

The Committee met thrice during the year on 3-1-1953, 27-1-1953 and 8-6-1953. The important recommendations made to the Syndicate were as follows :—

- ( i ) The Committee submitted statements regarding the distribution of scholarships amongst the students of Uttama-Kaksha, Madhyama-Kaksha and Prathama-Kaksha.
- ( ii ) Recommended that the examination fees of Rs. 5/-, 8/- and 10/- be received from the candidates appearing for the Visharada, Shastri and Acharya examinations respectively.

**16. Board of Accounts.**

The Board met twice during the year and considered the following items :—

- ( i ) General Report of the Internal Auditor for the period 1-8-1950 to 30-6-1951 along with the Accountant's explanations on the points raised by the Internal Auditor.
- ( ii ) Recommended that the report of the Board of Accounts for the year 1951-52 be submitted to the Senate through the Syndicate.

(iii) Test audit reports of the members of the Board of Accounts.

#### 17. Sheth U.P. Ayurvedic Research Unit Committee.

The Committee met once during the year on 20-7-1952, and appointed a sub-committee to express its views on

- (i) the nature of research to be undertaken
  - (ii) the equipment required for the Unit
  - (iii) the appointment of the staff
- and (iv) other allied matters.

The Sub-Committee met twice during the year on 20-12-1952 and 11-1-1953 and made the following recommendations to the Syndicate:—

- (i) Two Vaidyas, one Clerk and three Class IV servants were recommended to be appointed.
- (ii) Expert help from the Botany, Chemistry and other Departments was requested.
- (iii) Library to be equipped with books on Ayurveda.
- (iv) A museum of minerals, animal and vegetable drugs, etc. and herbarium to be arranged in the Pharmacology Museum.
- (v) Laboratory for the preparation of Ayurvedic drugs to be provided in the Medical College compound.
- (vi) Recommended to institute the post of a Medical Research Officer for the Unit.
- (vii) The plan and the equipment and the materials for the Rasa-Shala was approved.

The Sub-Committee for the construction and equipment of the Rasa-Shala met once and recommended the site for the construction of the Rasa-Shala and suggested the necessity of having certain equipments and drugs for the Rasa-Shala.

#### 18. Selection Committee for the Junior Posts.

The Selection Committee held 26 meetings during the year and selected 65 candidates for the various posts in the University.

#### 19. The Press Supervisory Committee.

The Committee met once during the year and recommended Rules to be adopted for the working of the Maharaja Sayajirao University of Baroda Press (Sadhana Press), in respect of the accounts, the duties and powers of the Manager, the staff and the holidays.

#### 20. Textile Technology Advisory Committee.

The Committee met three times during the year on 20-7-1952, 1-11-1952 and 21-3-1953 and made recommendations to the Syndicate. Some of the important items considered by the Committee were as follows:—

(i) The principle of establishing Textile Engineering Allied Industries' Courses of Research was accepted by the Committee.

(ii) The question of the air-conditioning of the Textile Technology laboratory was considered.

(iii) The following units of winding and warping machinery for weaving were recommended to be purchased at a cost of Rs. 1,15,500/-

(a) One Fits Warper

(b) One 'Schweiler' Cross Winder

(c) One 'Brugger' Firm Winder

(d) Cones, tubes and other accessories, etc.

(iv) The following machines were recommended to be purchased for the Testing Laboratory at a cost of Rs. 25,500/-

(a) One Shirley Analyser.

(b) One 'Uster' Evonness Tester.

(v) Ten electric motors and starters required for the preparatory machinery of the Spinning Laboratory were also recommended for purchase at an approximate total cost of Rs. 6,000/-.

(vi) Recommended purchase of equipment for Textile Chemistry costing Rs. 1,39,366/-.

(vii) Recommended purchase of equipment for Textile Technology costing Rs. 29,420/-.

(viii) The arrangements concerning the deputation of Shri S. S. Dighe and Shri S. J. Shah to Zurich for training in Textile Engineering were approved.

(ix) The new syllabus for the Diploma in Textile Technology was approved.

(x) It was recommended that the Chief Minister, Government of Bombay be invited to inaugurate the opening of the Textile Engineering Degree and the new Textile Technology Diploma Courses.

## 21. Deans' meetings.

The Committee met twice during the year. The important recommendations made to the Syndicate were as under:—

- (i) It was recommended to the Deans of Faculties and Principals of Colleges that a suitable method to maintain the records of marks assigned to the students for class work be adopted and that the records be kept clearly and carefully, and signed by the tutors, teachers, and Deans at regular intervals. The students should also be informed of their marks every month.
- (ii) It was recommended that the Deans should hold staff meetings at regular intervals and address the students and devise ways and means to remove the complaints about the lack of discipline and poor attendance at the extension lectures held for their benefit.
- (iii) It was recommended that the work of the Students' Representative Council be encouraged by giving them necessary facilities and some responsibilities.

## 22. Boards of Visitors.

The following Boards of Visitors met once during the year and submitted their reports. The meeting of the Board of Visitors for the Faculty of Commerce was adjourned for want of quorum on 6-8-1952.

Name of the Board of Visitors with the date of meeting	Recommendations
1 Faculty of Arts 7-8-1952	(i) Considered the question of developing the Department of Sociology, Linguistics, Philosophy, History, Archæology, Statistics and Geography. (ii) Shri R. C. Parikh, a member of the Board, was requested to prepare a scheme in Indology for the M.A. course. (iii) Dr. N. G. Kalelkar was requested to prepare a scheme for introducing a common paper in Linguistics in the language courses for B.A. and M.A. degrees.
2 Faculty of Science 2-8-1952	(i) The statement of the Five Year Plan for the various departments of the Faculty sent to the Government was approved,

Name of the Board of Visitors with the date of meeting	Recommendations
3 Faculty of Education and Psychology 18-8-1952	(ii) Recommended that Geology as a subsidiary subject for the B.Sc. degree be introduced and an amount of Rs. 15,000/- be sanctioned for additional equipment in the Laboratory. (i) The Five Year Plan submitted to the Government for the development of various departments of the Faculty was approved. (ii) The report on the post-graduate studies and research done in the Faculty was approved.
4 Faculty of Medicine 9-11-1952	(i) Recommended that one more unit should be provided in the medical and surgical departments. (ii) Recommended that there was sufficient scope for appointment of qualified staff in the various departments. (iii) Recommended that the library should have more new books and should be kept open for longer hours and a librarian should be appointed for the purpose. (iv) Recommended that as the accommodation for the residence of the students was very poor, the question of increasing hostel facilities should be taken up. (v) Suggested some modifications for greater facilities in the Shri Sayaji General Hospital building. (vi) Recommended that the number of admissions in the first year be increased from 40 to 60.
5 Faculty of Technology (including Engineering) 8-8-1952	(i) The Board resolved that they could not recommend giving facilities for investigation and research in the Faculty at present but that research work should be taken up as soon as suitable machinery and equipment was installed.

Name of the Board of Visitors with the date of meeting	Recommendations
	(ii) The Board reviewed the existing equipment as well as the equipment proposed to be purchased during the year.
6 Faculty of Fine Arts 1-8-1952	(i) Recommended that a Certificate Course in Textile Designing be introduced in the Faculty. (ii) Recommended that the question of starting the M.A. course in the Faculty of Fine Arts be referred to the Faculty.
7 Faculty of Home Science 14-8-1952	(i) Recommended that one or two experienced Professors be appointed for teaching work in the Faculty. (ii) Recommended that a batch of students specializing in Food and Nutrition be sent to the Food Research Institute at Mysore during the summer vacation. (iii) Recommended that for the future development of the Faculty 1. experiments in deficiency of nutrition should be undertaken with the help of the Medical College. 2. a mobile canteen should be started. 3. a Home Management apartment should be furnished and the department of Home Economics should be developed.
8 Faculty of Social Work 22-9-1952	(i) Recommended that a course of training for rural social workers at under-graduate level may be started from the next session. (ii) Shri Kalyanjibhai Mehta, a member of the Board offered to arrange for camps in rural work whenever the Faculty wished to send its students.

Name of the Board of Visitors with the date of meeting	Recommendations
9 Oriental Institute 6-8-1952	(i) It was suggested that the Director should plan his scheme, particularly, the Ramayana Scheme in such a manner that the continuity of the work does not suffer. (ii) It was suggested that parties be sent to the different parts of India and Nepal to secure ancient, rare and important manuscripts.
10 College of Indian Music, Dance and Dramatics 2-8-1952	(i) Recommended that the Principal should send the progress reports of the students to their guardians immediately after the results are finalised. (ii) Recommended the introduction of the T. D. Course in Music. (iii) Recommended that music festivals in memory of Surdas, Tansen, Faiyazkhan and Thyagaraj be organised. (iv) Recommended that the college library should be gradually built up. (v) The Principal was asked to prepare a scheme for organising an orchestra with the present staff and equipment.
11 Intermediate College 7-8-1952	(i) Recommended that the present facilities of library, reading room and students' common room be improved as far as possible.

## CHAPTER VII—FACULTY OF ARTS

### 1. Buildings.

The Faculty is housed in the east wing of the old Baroda College building, the red building near the Seminar building (Intermediate College), the High School block rooms and some rooms in the Square block. The Faculty library is housed in the western wing (first floor) of the old Baroda College building.

### 2. Courses of studies.

The Faculty provides courses leading upto the Ph. D. degree in Ancient Indian Culture, Archæology, Economics, History, Sanskrit, Gujarati, Marathi, Sociology and upto the M. A. degree in Philosophy, English, Persian and Hindi.

Besides, there is provision for the teaching of the following subjects for the B. A. General courses :—French, Pali, Urdu, Statistics and Politics. Provision is also made for the teaching of Art History in the Faculty.

### 3. Number of students.

The number of students in the various classes in the Faculty is as under :—

Year or Class	Men	Women	Total
Junior B. A.	130	42	172
Junior B. A. ( Special ) ( Psy. )	3	5	8
Senior B. A.	115	29	144
Senior B. A. ( Special ) ( Psy. )	3	5	8
Junior M. A.	25	10	35
Senior M. A.	29	10	39
Ph. D.	9	0	9
	<hr/> 314	<hr/> 101	<hr/> 415

### 4. Staff.

The staff of the Faculty consists of 3 Professors, 10 Readers, 15 Senior Lecturers, 17 Junior Lecturers, 10 Tutors, 7 Class III and 14 Class IV servants.

### 5. Library and reading-room.

The Faculty has a well-equipped library. From June, 1953, the reading-room of the Faculty is organised into a common reading-room for



Dr. Amaranatha Jha delivering the Convocation Address at the  
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students and staff of the Faculties of Arts, Science and Commerce and placed in charge of a Committee consisting of a member of the staff from each of the Faculties.

The libraries of the Faculties of Arts and Commerce are also placed under a common management.

The average daily attendance in the common reading-room and total circulation of books in the common library are as follows :—

1. Students making use of the reading-room and library daily	35
2. Teachers making use of the library daily	20
3. Books issued to students during the year	3500
4. Books issued to teachers during the year	6000

The following table gives the stock of books in the library and the total amount spent on its maintenance during the year 1952-53:—

	<i>Number</i>	
Books including back numbers of Journals on 1-7-1952	21,858	Rs. 1,68,905
Written off during the year	..	..
Added during the year	1,189	Rs. 4,700
On 30-6-1953	23,047	Rs. 1,73,605
Journals subscribed in 1952-53	120	Rs. 1,065
Amount spent on Binding etc. in 1952-53	..	Rs. 179
Total amount spent for library and reading-room during the year		Rs. 5,944

#### 6. Museum, Laboratories, Studios, etc.

The Department of Archæology has a museum containing specimens collected by the Department chiefly for purposes of teaching and research. The Department has also a collection of photographs of monuments. The Department made arrangements from time to time for the exchange of antiquities with Government museums.

In the Statistics Department eight calculating machines worth Rs. 10,000/- were purchased from the equipment grant for its laboratory. Out of Rs. 12,000/- given to Statistics Department by the Central Government, Rs. 5,800/- were spent on one Electric Calculating Machine and two hand-operated machines.

The cost of the materials in the museum of the Archæology Department and the equipment in the laboratory of the Statistics Department is as under :—

Sr. No.	Item	Cost of equipment on 1-7-1952	Cost of equipment written off during the year	Cost of equipment etc. added during the year	Cost of equipment on 30-6-1953
		Rs.	Rs.	Rs.	Rs.
1	Museum	801- 0-0	..	..	801- 0-0
2	Equipment	1,562-13-0	..	..	1,562-13-0
3	Studio	3,362-13-0	..	1,810-2-0	5,172-15-0
4	Laboratory equipment	11,000- 0-0	..	15,800-0-0	26,800- 0-0
Total:		16,726-10-0	..	17,610-2-0	34,336-12-0

#### 7. Publications by the members of the staff.

##### (a) Articles or Papers

The following were the publications by the members of the staff during the year 1952-53 :—

Sr. No.	Name	Title	Where published with month of publication
1	Professor B. J. Sandesara, Department of Gujarati.	1 'Gana Darpana' A Sanskrit work on grammar ascribed to King Kumarapal (1143 to 1174 A. D.) of Gujarat.	The M. S. University Journal, March, 1953.
		2 'The Sthulibhadra Phagu' (Circa 1334 A. D.) of Jina Padmasuri and 'The Neminatha Phagu' (Circa 1349 A. D.) of Rajasekharsuri.	Journal of the Oriental Institute, March, 1953.
2	Professor S. Chandrasekhar, Department of Economics	1 A Criterion of the Five Year Plan 2 Indians in South Africa—A Survey	The Eugenic Review (London), 1952. The M. S. University Journal, March, 1953.

Sr. No.	Name	Title	Where published with month of publication
3	Attitude of Baroda Mothers towards Family Planning.		The M. S. University Journal, March, 1953.
4	Population pressure and Indian Economy		Pacific Coast Review, California, 1953.
3	Professor M. N. Srinivas, Department of Sociology	1 Prospects of Sociological Research in Gujarat.	The M. S. University Journal, March, 1953.
4	Shri D. M. Patel, Department of Philosophy	1 Philosophy of Sri-mad Rajachandra.	Indian Philosophical Quarterly, April, 1953.
5	Shri V. Y. Kantak, Department of English	1 The Imagery of Macbeth.	The M. S. University Journal, March, 1953.
6	Shri C. M. Shukla, Department of English	1 The Plays of J. B. Priestley.	The M. S. University Journal, March, 1953.
7	Dr. A. G. Javadekar, Department of Philosophy	1 Comprehensive conception of Logic.	1 Indian Philosophical Quarterly, January, 1953. 2 Indian Philosophical Congress Proceedings.
		2 Fundamental Fallacies in Philosophy.	The M. S. University Journal, March, 1953.
8	Dr. S. C. Misra, Department of History	1 Military Organisation of the Surs.	The M. S. University Journal, March, 1953.
9	Shri R. N. Mehta, Department of Archæology	1 Roman Cameo from Carvan.	The M. S. University Journal, March, 1953.
10	Shri Y. V Surendranath, Department of Sociology	1 Some preliminary observations on the social life of the Bhils of Gujarat.	The M. S. University Journal, March, 1953.

##### (b) Books

Sr. No.	Name	Title	Name of the publisher with month of publication
1	Professor B. J. Sandesara, Department of Gujarati	1 Jaina Agma Sahitya of Gujarat. 2 Uttaradhyayan-sutra Bhashantara.	Gujarat Vidyasabha, Ahmedabad, July, 1952. Gujarat Vidyasabha, Ahmedabad, July, 1952.

Sr. No	Name	Title	Name of the publisher with month of publication
3	Bharatiya Arya- bhasha ane Hindi.		Gujarat Vidyasabha, Ah- medabad, July, 1952.
4	Nemichandra Bhan- darikrit Shashtisha- taka Prakaran.		The M. S. University of Baroda, March, 1953.
2	Professor S. Chandra- sekhar, Department of Economics	1 Hungry People and Empty Lands. (Deal- ing with the world Population Problem and Industrial ten- sion.)	Good Companions, Baroda, December, 1952
3	Dr. B. Subbarao, Department of Archæol- ogy	1 Baroda through the Ages.	The M. S. University of Baroda, June, 1953.
4	Dr. V. P. Dandekar, Department of Marathi	1 Marathi Sahityachi Rooprekha.	Shri Sayaji Sahitya Mala, September, 1952.
5	Shri U. S. Bhatnagar, Department of Hindi	1 Rajasthana me Hindi ki Hastalikhit Gran- thon ki Khoj Part III. 2 An exhaustive criti- cal edition of Padmini Chopai.	Rajasthana ki Vidya- pitha, Udaipur, Decem- ber, 1952. Rajasthana Puratana Mandir, Jaipur, May, 1953.

### 8. Other literary and cultural activities .

(i) The following is a list of other literary and cultural activities by the members of the staff during the year under report :—

Sr. No.	Name	Nature of activities
1	Professor B. J. Sandesara, Depart- ment of Gujarati.	1 Delivered a series of five lectures of the Thakkar Vasavji Madhavji lecturership on the Science of Semantics in Gujarati from 8-9-1952 to 12-9-1952 under the auspices of the University of Bombay. 2 " Bharat ane China Prachin San- skarika Samparka, Sanskriti, June, 1952. 3 " Sonini Parasi " Buddhiprakasha, August, 1952. 4 " Dindi-Sabda Charcha, " Buddhi- prakasha, January, 1953.

Sr. No.	Name	Nature of activities
5		" Patola Vannar Salviona Itihas uper ketloka Prakasha ", Buddhi- prakasha, February, 1953.
6		" Ceylon in the Literature and Tradition of Gujarat. " The Ceylon Historical Journal, July and Octo- ber, 1952.
2	Professor S. Chandrasekhar, Depart- ment of Economics	1 " A Population Policy for India " Being the Gokhale endowment lectures delivered at the University of Madras ( in press ). 2 Presented a paper on " Population Maladjustments and the need for Social Work " at the International Conference on Social Work in Madras, 1952.
3	Shri D. M. Patel, Department of Philosophy	1 Read a paper on " Philosophy of Maharshi Dayananda " at the 27th Session of Indian Philosophical Congress at Mysore, December, 1952.
4	Dr. N. M. Bhatt, Department of Statistics	1 Read a paper on " Square Triangu- lar Matrix with Unit Elements " at the Indian Science Congress held at Lucknow in January, 1953.
5	Shri H. C. Malkani, Department of Economics	1 Read a paper on " Recent Develop- ments in the Theory of Welfare Economics " at the Indian Econ- omics Conference at Trivandrum, December, 1952.
6	Dr. S. C. Misra, Department of History	1 Submitted a paper on ' Revenue System of the Surs ' to the Indian History Congress, Gwalior Session, December, 1952.
7	Shri B.P. Kothari, Department of Gujarati	1 ( i ) ' Apar'o Hasya Rasa, ' Sanskriti, October, 1952. ( ii ) ' Adhyapan and Adhyayan, ' Sanskriti, December, 1952. ( iii ) ' Natya Prakaran ni Vikasrekha '—Pauranik Nataka, Prasthan, Falgun 2009. ( iv ) Kunverbai nu Mameru, ' published in Prasthan, Poshha 2009.

## (ii) Activities of the Archæological Department :—

(a) *Excavations* :— The Deccan College and Post-graduate Research Institute, Poona, organised a joint Universities expedition for exploration and excavation in the Narbada Valley. Dr. H. D. Sankalia invited the University to co-operate in the actual work apart from the financial assistance promised by the University for the next three years. All the members of the staff of the Department of Archæology took active part in the excavation at Maheswar.

The excavations, the results of which will be jointly published, have thrown fresh light on a number of problems in Indian Archæology including the Puranas. A fine cultural sequence beginning from the Mid-Pleistocene up to the end of the Gupta period was built up. The most important discovery is that of a Stupa of about 85 feet diameter and belonging to the third century B.C.

Shri R. N. Mehta carried out small scale trial excavations at Timberva near Karvan and Variav on the Tapi. These excavations have clarified their sequence at Baroda and threw light on the early historic cultures of Central Gujarat prior to the Christian Era and established a link with those of Central India.

(b) *Explorations* :— Shri H. R. Trivedi, during his field study of Mhers of Saurashtra, discovered a few more early historic sites.

## 9. Co-curricular activities.

(i) The Faculty had an annual celebration in December, 1952. Sports, Prize—distribution, a party in the Botanical Garden and Musical Entertainments were the main items.

(ii) During the period under report the following Societies functioned under the Faculty each with its distinctive programme of work.

- 1 The Gujarati Literary Society
- 2 The English Literary Society
- 3 The Shakespeare Society
- 4 The History Society
- 5 The Economics Society
- 6 The Politics Society

- 7 The U.N.O. Society
  - 8 The Sanskrit Literary Society
  - 9 The Philosophy Society
  - 10 The Marathi Literary Society
- The Shakespeare Society staged 'Othello'.

## 10. Seminars, tutorials and class-work.

The M.A. students had their seminars twice a month and the Ph.D. students once every week. Six tutorial exercises in each subject were set to the students of Junior and Senior B.A. classes by each department. The work of the students was examined and evaluated. Suggestions for improvement in the quality of work and the method of writing were made. The students on the whole did well and were benefited by the tutorials. Over and above the tutorials, the departments held seminars in their respective subjects where students read papers, and discussions were held in which both teachers and students participated.

## 11. Other important events.

The following distinguished persons visited the Faculty during the year under report and delivered lectures as under :—

	Name	Subject
1	Professor S. V. Dandekar, Retired Principal, S. P. College, Poona	"Teaching of the Bhagvadgita," September, 1952.
2	Shri Ambubhai Purani, Shri Aurobindo Ashrama, Pondicherry.	"The Ideals of University Education," September, 1952.

CHAPTER VIII—FACULTY OF SCIENCE

1. Buildings.

There were no additions or alterations to the main building. The Soil Laboratory, the Excise Laboratory and the Public Health Laboratory shifted to their new quarters and the space thus made available was taken over by the Faculty for extension of the Physics Laboratory and for the new Biochemistry Laboratory. The Square Block ceased to be a hostel for students and was taken over for use by the Faculty. The Statistics and Mathematics Departments are now housed in the Square Block.

2. Courses of studies.

The Faculty provides instruction in Mathematics, Physics, Chemistry, Botany, Zoology and Statistics and prepares students for the B.Sc. degree. It also prepares students for the post-graduate degrees of M.Sc. and Ph.D.

3. Number of students.

The number of students enrolled in the different classes of the Faculty of Science in June 1953 was as under :—

Classes	Men	Women	Total
First Year Science	339	20	359
Inter Science	304	16	320
Junior B.Sc.	156	13	169
Senior B.Sc.	175	10	185
M.Sc.	55	8	63
Ph.D.	2	1	3
	<u>1031</u>	<u>68</u>	<u>1099</u>

4. Staff.

The staff of the Faculty consists of 1 Professor, 5 Readers, 5 Senior Lecturers, 10 Junior Lecturers, 26 Demonstrators, 2 Tutors, 26 Class III and 29 Class IV servants.

5. Library and reading-room.

The Faculty has a well-equipped library. It maintains a reading-room in common with the Faculties of Arts and Commerce. The figures of the number of students and members of the staff taking advantage of the reading-room are included in the figures given for the reading-room of the Faculty of Arts.

The following table gives the stock of books in the library and the total amount spent on its maintenance during the year 1952-53 :—

	Number	
1. Books in the library on 1-7-1952	3966	Rs. 47,384-3-0
2. Books written off during the year	nil	nil
3. Books added during the year	608	Rs. 12,405-2-3
4. Books on 30-6-1953	4574	Rs. 59,789-5-3
5. Journals subscribed during the year	34	Rs. 1,963-2-0
6. Amount spent on Binding, etc. in the year 1952-53	—	Rs. 265-0-0
7. Total amount spent on library and reading-room	—	Rs. 14,633-4-3

6. Laboratories.

The Faculty has up-to-date laboratories for practical work of the students of the degree as well as post-graduate classes.

The following table shows the cost of equipment in the different laboratories of the Faculty :—

Laboratory	Cost of equipment on 1-7-1952 Rs.	Cost of equipment written off	Cost of equipment added Rs.	Cost on 30-6-1953 Rs.
Chemistry	2,86,008	—	9,714	2,95,722
Physics	1,19,298	—	10,665	1,29,963
Botany	1,00,000	—	8,159	1,08,159
Zoology	18,428	—	8,792	27,220
Total :	<u>5,23,734</u>	<u>—</u>	<u>37,330</u>	<u>5,61,064</u>

7. Publications by the members of the staff.

The following were the publications by the members of the staff during the year 1952-53 :—

Name	Title	Where published with month of publication.
1 Dr. D. V. Gogate	The Electron Microscope	The M. S. University Journal, October, 1952.
2 Shri D. G. Kapadnis	The Effect of fluid motion on Heat Transmission	Indian Journal of Physics, February, 1953.
3 Dr. J. C. George	Biochemical Evolution of the skeletal muscles in Vertebrates.	The M. S. University Journal, October, 1952.

Name	Title	Where published with month of publication
4 Dr. J. C. George	On the direction of the aqueous current through the Spiracle in the Common Dogfish of the Indian seas.	The M. S. University Journal, October, 1952.
5 Dr. J. C. George	Note on the Prehistoric Horse of the Indus Valley.	The M. S. University Journal, October, 1952.
6 Dr. J. C. George	On distinguishing Sex in Stromateus cinereus (Bloch)	The M. S. University Journal, October, 1952.
7 Dr. J. C. George	Observations on the air-breathing habit in Chiloscyllium.	Journal, University of Bombay, March 1953.
8 Dr. J. C. George	Animal remains from Baroda obtained from Archæological excavations.	The M. S. University Archæological Series I. 1953.
9 Dr. J. C. George & Miss Dolly N. Jyoti	On the reduction of fat in the flight muscle (Pectoralis major) and liver of columba liver during muscular activity.	Journal, University of Bombay, March 1953.
10 Dr. V. G. Phatak & Shri L. K. Gaekwad	Studies in Mimosae	The M. S. University Journal, October, 1952.
11 Dr. A. R. Chavan & Shri Y. B. Deshmukh	Studies in Gesneriaceae	The M. S. University Journal, October, 1952.
12 Professor C. S. Patel & Dr. C. B. Patel	A Comprehensive Chemical examination of the fruit of Balanites Roxburghi-Plant.	The M. S. University Journal, October, 1952.
13 Dr. Suresh M. Sethna and Shri P. L. Trivedi	Firedel and Crafts Propionoylation, Benzoylation and Succinoylation of methyl $\beta$ -resorcylate.	Journal of Indian Chemical Society, March, 1952.
14 Dr. Suresh M. Sethna and Shri R. M. Naik	Bromination of 7-Hydroxy and 8-Hydroxy-2-methyl chromone.	Journal of Indian Chemical Society, March, 1952.
15 Dr. Suresh M. Sethna and Miss Ragini Phadke	The Pechmann Reaction.	Organic Reactions, Vol. VII. (U.S.A.)

### 8. Other literary and cultural activities.

1. Dr. Suresh Sethna was elected Recorder of the Chemistry Section of the Indian Science Congress Session held at Lucknow this year.

2. The following symposia were organised in the Faculty where several teachers of the University took part.

(a) Thyroids.

(b) Evolution of sex.

3. Dr. A. R. Chavan in collaboration with Shri Y. S. Deshmukh read a Paper on "Endosperm Hustoria in Roettlers Hamosa" (R. Br.) O. Kz Var. unifolia (C1) O. Kz. at the Indian Science Congress in January, 1953.

### 9. Co-curricular activities.

1. *Societies*: Four societies continue to function actively, viz., the Botanical Society, the Chemical Society the Physical Society and the Zoological Society. These societies arrange lectures by the members of the staff and visitors from outside; they arrange reading of papers by the senior students and arrange trips to places of scientific and cultural interest. The Botanical Society completed 25 years of its existence and the silver jubilee was celebrated on 7th and 8th February, 1953. Rev. Fr. Santapau, Head of the Botany Department, St. Xavier's College, Bombay, was the chief guest. The Zoological Society took an active part in starting the Baroda branch of the Zoological Society of India.

2. *Film-shows*: Nine shows were organised during the year and 41 films obtained from the British Council, the British and United States Information Services, and the Films Division of the Government of India were screened. These shows proved very popular.

3. *Tournaments*: The Faculty organised Table-Tennis, Badminton and Carrom Tournaments in which members of the staff and students took part.

4. *Educational tours*: The Botany students went on a tour of various places in the North-Almora, Mussoorie, Nainital, Dehra Dun, etc. and collected many botanical specimens. The Chemistry students went on tours in two batches—one batch went to Jamshedpur, Calcutta, Dhanbad, Allahabad, Banaras, Agra, Delhi, etc. and the other batch went to Okha, Jamnagar, etc. At these places the students visited the Chemical factories and other places of cultural interest. The Zoology students went on a col-

lection tour to Okha and collected many zoological specimens which have enriched the museum of the Department considerably.

5. *Exhibitions, etc.*: The Physics Department organised an exhibition of some physical phenomena and apparatus during the University Week from 7th to 13th December, 1952. The meteorological observatory was visited by many high school students from Baroda and outside as well as by the students of the University. They were explained the working of the different self-recording and eye-reading instruments.

A number of demonstrations were arranged during the second term in the Astronomical observatory when distinguished guests and students from the Faculty of Technology (including Engineering) and other Faculties were shown highly magnified images of planets and stars through the 8" refractor telescope.

6. *Faculty Magazine*: The second issue of the Faculty of Science magazine was published. It contained many articles of scientific interest by the students and members of the staff and it maintained the high standard set in the first issue published last year.

7. *Entertainment*: The Faculty day was celebrated on 21st December, 1952, with a programme of variety entertainment.

#### 10. Tutorial and class-work.

Six tutorial exercises in each subject were set to the students and examined and evaluated. Corrections and suggestions for improvement were explained to the students. The students were on the whole benefited by the tutorials. Besides the tutorials, the departments held seminars where papers were read and discussions were held.

## CHAPTER IX - FACULTY OF EDUCATION AND PSYCHOLOGY

### 1. Buildings.

The Faculty continued to be housed in the same buildings. Due to the addition of two more classes to make the University Experimental High School complete in its secondary and primary departments and because of the institution of the Sr. B. A. Class in Psychology, the Faculty is experiencing shortage of space. Three more rooms on the first floor had to be used by the school, and its workshop for sloyd-teaching was shifted to the new shed constructed as an attachment to the Hall at a cost of Rs. 6,000/-. The amphitheatre on the ground floor was handed back to this Faculty by the Faculty of Science.

### 2. Courses of studies.

The Faculty provides the following courses :—

(1) Ph. D. degree (by thesis), (2) M. Ed. degree (by papers), (3) M. Ed. degree (by thesis), (4) B. Ed. degree, (5) B. A. (Special) in Psychology, (6) Diploma in Teaching, (7) Certificate Courses in Hindi and Physical Education for the B. Ed. and T. D. students.

### 3. Number of students.

The number of students enrolled in different courses was as under :

Year or Class	Men	Women	Total
1. T. D.	23	2	25
2. B. A. (Special) Psychology	3	5	8
3. B. Ed.	70	15	85
4. M. Ed. (by papers) Jr.	15	..	15
Sr.	15	..	15
5. M. Ed. (by thesis)	2	3	5
6. Ph. D. (thesis)	9	3	12
	137	28	165

### 4. Staff.

During the year under report, the staff of the Faculty consisted of 1 Professor, 1 Reader, 7 Senior Lecturers, 6 Junior Lecturers, 2 Tutors, 5 Class III and 7 Class IV servants. The Reader having proceeded to U.S.A. on study leave, the post remained vacant; the work was carried on temporarily with the addition of a tutor. Professor R. V. Parulekar, Director of the

Indian Institute of Education, Bombay, was appointed as a Visiting Professor and Head of the Department of Educational Administration. Shri J. P. Naik of the Institute, Shri J. K. Shukla, Principal, 'Graduates' Basic Training Centre, Dabka and Shri F. S. Chothia of the Vocational Guidance Bureau, Bombay were also invited to deliver lectures to the M. Ed. students.

#### 5. Library and reading-room.

The following are the figures showing average daily attendance and circulation of books :—

1. Students making use of the library and reading-room daily	142
2. Teachers making use of the library and reading-room daily	17
3. Books issued to students during the year	2000
4. Books issued to teachers during the year	800

The following table gives the stock of books in the library and the total amount spent on its maintenance during the year 1952-53:—

	Number	Rs.
Books including back numbers of Journals on 1-7-1952	10,300	Rs. 24,260-0-0
Written off during the year	Nil	Nil
Added during the year	250	Rs. 1,699-4-6
Books at the end of the year	10,550	Rs. 25,959-4-6
Amount spent on Binding etc. in 1952-53	—	Rs. 27-8-0
Journals subscribed in 1952-53	50	Rs. 771-2-0
Total amount spent for library and reading-room		Rs. 2,497-14-6

#### 6. Museum and Laboratory.

##### (a) Museum :

The Faculty Museum contains a large collection of teaching aids, which are used to illustrate class-room teaching. This collection is divided into sections and is exhibited in the Museum and in the Special Method rooms. The collection in the museum was increased substantially during the year by addition of more than 100 pictures, charts and maps in the methods of teaching different subjects and school administration. Most of these were prepared by the students under the guidance of the Method Masters. The Project Scheme of the Faculty requires every student under training to prepare a set of illustrative aids to teach topics or series of topics. There are now about 1500 articles. There are aids for visual instruction including a 16mm. sound projector.

The following table shows the cost of equipment in the Museum :—

Cost of equipment on 1-7-1952	Cost of equipment etc., written off during the year	Cost of equipment added during the year	Cost of equipment on 30-6-1953
Rs. 1,948-8-0		Rs. 268-0-0	Rs. 2216-8-0

##### (b) Psychological Laboratory :

The Faculty has a well-equipped Psychological Laboratory. Substantial additions to the laboratory were made during the year by the purchase of apparatus from India and abroad as shown below :—

Cost of equipment on 1-7-1952	Cost of equipment written off during the year	Cost of equipment added during the year	Cost of equipment on 30-6-1953
Rs. 19,990-10-6		Rs. 3,731-13-6	Rs. 23,722 8-0

##### (c) Practising Schools :

The Faculty used the University Experimental High School for practise teaching, demonstration and criticism lessons and for experiments in education. In addition to this, the Faculty also used the following High Schools in the city of Baroda for practice teaching :—

1. Shri Sayaji High School
2. H. V. Shroff Memorial High School
3. Jayashri Model High School
4. Rosary High School
5. Shri Pratap High School
6. New Era High School
7. Maharani High School for Girls
8. Bharati Vidyalaya

#### 7. Publications by the members of the staff.

##### (i) Articles or papers :

The following were the publications by the members of the staff during the year 1952-53 :—

Sr. No.	Name	Title	Where published with month of publication
1	Shri D. G. Apte	Cheaper Education	Educator, November, 1952
2	Shri T. P. Lele	Quickness and Intelligence	Proceedings of the Indian Science Congress, January, 1953

Sr. No.	Name	Title	Where published with month of publication
3	Shri L. J. Bhatt	Psychology in Scandinavia	Journal of Education and Psychology, October, 1952
4	Dr. (Miss) A. Sen	1 Reliability and Validity of Staff Assessment of Students in Teachers' Colleges 2 An Investigation into the Assessment of the Personality of Children	Journal of Education and Psychology, October, 1952 The M. S. University Journal, October, 1952
5	Dr. G. N. Kaul	Reorganisation of Secondary Education in India	Journal of Education and Psychology, January, 1953
6	Shri A. S. Patel	1 Training of Teachers —A Study 2 Newspaper reading Interests of Secondary School Children —An Investigation	Journal of Education and Psychology, July, 1952 Journal of Education and Psychology, January, 1953
7	Shri S. H. Divekar	A Scheme of Secondary Education Reorganisation	Journal of Education and Psychology, January, 1953
8	Shri M. Fernandez	Vocational Attitudes of S.S.C. Boys & Girls	The M. S. University Journal, October, 1952

## (ii) Books:

Sr. No.	Name	Title	Name of the Publisher with month of publication
1	Professor T. K. N. Menon	Proceedings of the Second All-India Conference of Training Colleges (on behalf of the Association of Training Colleges in India)	Faculty of Education and Psychology, M. S. University of Baroda, November, 1952
2	Dr. M. S. Patel	The Educational Philosophy of Mahatma Gandhi	Navajivan Publishing House, Ahmedabad, February, 1953
3	Dr. G. N. Kaul	A New Basis for Indian Educational Thought	Good Companions, March, 1953



H. H. The Chancellor welcoming Pandit Nehru : 7-12-1952

#### 8. Examination reform.

The Faculty organised a Conference of Principals of Secondary Training Colleges in the Bombay State to discuss examination reforms in respect of the B.T. examination and other matters of common interest regarding the training of graduate teachers. The Conference recommended the introduction of "short answer questions" along with "essay questions" and a method of giving credit for the day-to-day work of the students to remove the 'subjectivity' and other defects of the traditional type of examinations. The Faculty introduced these reforms at the B.T. (B.Ed.) and T.D. examinations of 1953 and the results of the experiment were very encouraging.

#### 9. Prime Minister's Visit to the Faculty Exhibition.

The Faculty put up during the University Week an exhibition of apparatus, charts, maps, and models pertaining to some of the branches of Education and Psychology. The exhibition which was visited by thousands of persons from the city of Baroda and nearby places provided an excellent means of social education. Pandit Jawaharlal Nehru who visited the exhibition spent some time watching the interesting exhibits. Prominent among others who visited the exhibition were Shri Dinkerrao Desai and Dr. Jivraj Mehta, Ministers of the Bombay State, Lady Cripps and Mrs. Laski.

#### 10. Visit of the Secondary Education Commission.

The Secondary Education Commission visited the Faculty on the 12th February, 1952. Professor T. K. N. Menon gave evidence before the Commission on behalf of the University, and the Faculty made arrangements in its premises for the recording of evidence given by the educationists in Baroda and the surrounding areas.

#### 11. Dean's Visit to the U.S.A.

During his visit to the U.S.A. on an invitation from the U.S. Government to see the modern trends in American education, Professor T. K. N. Menon visited about twenty Universities, several schools, important national associations and had discussions with a number of leading educationists in the country. He lectured at the Universities and also at a meeting of American experts on International Education organised by the U.S. Office of Education.

## 12. Journal of Education and Psychology.

The Journal of Education and Psychology continued to be edited by Professor T. K. N. Menon. A Special Number of the Journal was published for the benefit of the Indian Secondary Education Commission and this contained over twenty articles dealing with all aspects of Secondary Education contributed by eminent educationists in the country.

## 13. Old Students' Association.

The Old Students' Association of the Faculty enrolled more members, and continued its activities. Notable among the activities were the lending of books from the collection to deserving students and the starting of the Sunday Club, which provides a meeting ground for the old and the present students of the Faculty.

## 14. Tutorials and class-work.

Each student is attached to a tutor, and he meets him normally once a week. The student is marked under three headings—Essays, Library-Reading and General Knowledge. To these are added the terminal examination results. These four items carry the following percentage of marks: 30-30-30 and 10.

For practical work each candidate is marked progressively in his practical work. There are two general markings, which are also progressive.

## 15. Other educational and cultural activities.

### 1. The Faculty Club organised—

- (a) Weekly lectures or Debates.
- (b) Volley Ball, Ping Pong and Carrom tournaments.
- (c) Excursions including one to the Rural Education Centre at Gargoti.
- (d) Showing films on Education and Psychology to the students of the Faculty.
- (e) Celebrating Faculty Socials.
- (f) Issuing Teachers' College Journal.

2. Professor T. K. N. Menon inspected the A. G. Training College, Ahmedabad and the Education Section of the St. Xavier's College, Bombay, on behalf of the Gujarat and Bombay Universities respectively.

3. Shri K. S. Yajnik, Principal of the University Experimental High School worked as the Asstt. Librarian of the University Library.

4. Shri L. J. Bhatt was appointed as the Warden of the Maharshi Aravinda Hall of Residence for men.

5. Professor T. K. N. Menon worked out a Programme of General Education for the University and this was introduced in the Junior B. A., B.Sc. and B.Com. classes.

6. The Faculty organised a meeting of the heads of Secondary Schools in the Baroda City and worked out a plan for providing the teaching of technical subjects to pupils in the different schools who desire to have it. With the active co-operation of the Faculty of Technology (including Engineering) the plan was put into effect and about forty pupils belonging to different Secondary schools started taking instruction and practical work in technical subjects in the eighth class of the University Technical High School attached to the Faculty of Technology (including Engineering).

## 16. University Experimental High School.

The School continued under the Acting Principal, Shri S. C. Parikh upto 25th September, 1952 when Shri K. S. Yajnik was appointed to the post. Besides the Principal, 8 graduate teachers, 1 Physical Instructor, 1 Art Master, 1 Craft Teacher and 4 Undergraduate Teachers worked in the school. The number of students rose from 214 to 296, classes I, IV, VIII being newly formed in June, 1953. The results of the S. S. C. examination were as under:—

Sent up	Passed	Percentage
45	25	55.5

The school organised a number of new features like (1) Hobbies, (2) Free periods for pupils' own activities under observation, (3) General knowledge periods, (4) Visits, excursions, screening of educational films, extensive use of audio-visual aids (Radio, Gramophone, Projectors), (5) Career information centre, (6) School store, (7) Debates and School Samiti, (8) School canteen, (9) Pupils' collections, (10) Social service work, (11) Class magazine etc.

## CHAPTER X—FACULTY OF COMMERCE

## 1. Buildings.

Some changes and alterations in the west wing of the Baroda College building, in which the Faculty is housed, were made to accommodate the increased number of students in this Faculty, as well as in the Intermediate College.

## 2. Courses of studies.

The Faculty imparts instruction in courses of studies leading upto the B.Com. and M.Com. degree examinations. The M.Com. course of studies includes four compulsory subjects, *viz.*, Public Economics, Corporation Finance, Organized Markets and Organization of Trade and Transport. In addition, there are four optional papers, and the candidates are offered the choice of taking two of the following groups of papers, *viz.*, (A) Economics of Agriculture and Co-operation and Rural Development, (B) Organization of Industries and Labour Administration, (C) Foreign Exchanges and International Banking, (D) Actuarial Science.

In the B. Com. courses (new), there are eight compulsory subjects, *viz.*, (1) English, (2) Principles of Economics I, (3) Principles of Economics II, (4) Modern Economic Development of Great Powers, (5) Indian Economics Problems, (6) Mercantile Law, (7) Business Organization and (8) Accountancy. In addition, the Faculty offers instruction in the following groups of two optional subjects of specialization, *viz.*, (1) Advanced Banking, (2) Cotton Industry, (3) Advanced Accountancy and Auditing, (4) Public Administration and Finance, (5) Advanced Statistics. Arrangements are being made from next year to provide instruction in the optional subject of Co-operation.

It is proposed to start a post-graduate Diploma course in Banking from June, 1954. Only graduates in Commerce and Arts will be eligible for admission to the Diploma. The course extends over one year and contains the following six papers, (1) English composition and General Knowledge, (2) Organization and working of Banks, (3) Commercial and Banking Law, (4) Theory and Practice of Foreign Exchanges, (5) Organisation of Commerce, and (6) Accountancy.

The First Year and Intermediate Course in Commerce includes studies in English, Gujarati, Geography, Accountancy, Civics and Indian

Administration, Logic or Mathematics for First Year Commerce, and English, Elements of Commerce, Elements of Economics, Elements of Politics, Elements of Statistics, Accountancy and Secretarial Practice or Insurance or Salesmanship or Mathematics for Intermediate Commerce.

## 3. Number of students.

The number of students during the year was as under :—

Year or Class	Men	Women	Total
Jr. B. Com.	90	..	90
Sr. B. Com.	101	..	101
Jr. M. Com.	11	1	12
Sr. M. Com.	11	..	11
Ph.D.	6	..	6
	—	—	—
	219	1	220

## 4. Staff.

The teaching staff consists of one Professor, two Readers, three Senior Lecturers and one Junior Lecturer. There is one part-time teacher of Law. Two Senior Lecturers and One Junior Lecturer from the Department of English of the Faculty of Arts do all the teaching work in English. One Reader from the Statistics Department of the Faculty of Science does all the teaching work in Statistics. There are, in addition, two tutors, one in Accounts and one in Economics and Banking.

## 5. Library and reading-room.

The Commerce Faculty Library is specialized in Commerce and Economics subjects. The library of the Faculty is managed in common with that of the Faculty of Arts. The reading-room is in common with those of the Faculties of Arts and Science. The following are the figures of average daily attendance and circulation of books in the year :—

(1) Students making use of the library and reading-room daily	35
(2) Teachers making use of the library and reading-room daily	20
(3) Books issued to students during the year	3500
(4) Books issued to teachers during the year	6000

The following table gives the stock of books in the library and the total amount spent on its maintenance during the year :—

	Number	Rs.
Books including back numbers of Journals on 1-7-1952	7792	44,000
Written off during the year	—	—

	<i>Number</i>
Added during the year	187 Rs. 1,680
Books on 30-6-1953	7979 Rs. 45,680
Journals subscribed in 1952-1953	42 Rs. 1,170
Amount spent on Binding etc.	— Rs. 150
Total amount spent on library and reading-room	— Rs. 3,000

#### 6 Publications by members of the staff.

The following were the publications by the members of the staff during the year 1952-53 :—

##### (i) Books.

Name	Title	Name of the publisher with the month of publication
Professor V. Y. Kolhatkar	Monetary theory with Special reference to the Trade Cycle	Good Companions, Baroda. January 1953.

#### 7. Co-curricular activities.

In January 1953, students of the Faculty were taken by Shri B. G. Shah to the Bank of Baroda to see its working. They were shown and explained the working of the major departments of the Bank.

#### 8. Tutorials and class-work.

In accordance with the University Ordinances, tutorial work was introduced as a compulsory part of students' training. Students were given four tutorial exercises in every subject of their study, and marks out of 20 were allotted to the answers and credited to the University examination totals.

#### 9. Other important events.

Dr. I. G. Patel of the International Monetary Fund was the guest of honour at the annual social gathering of the Faculty. Dr. Patel gave an entertaining and instructive talk on the American attitude towards Indians, and later gave away prizes.

## CHAPTER XI—FACULTY OF MEDICINE

### (A) MEDICAL COLLEGE, BARODA

#### 1. Buildings.

The following buildings were under construction :—

- ( i ) The ground floor of the new Out Patient Department was nearly completed.
- ( ii ) Alterations to the quarters originally occupied by the nursing staff to be converted into quarters for staff and intern students are in progress.
- ( iii ) Alterations to one big room of this College on the ground floor to house the Excise and Drugs Laboratories have been completed and the room occupied since June 1953.

The following additional works are under consideration :—

- ( i ) Extension of the Mental Hospital.
- ( ii ) New Infectious Diseases Hospital.
- ( iii ) Alteration to the Infectious Diseases Ward, to be converted into quarters for Registrars and Housemen.
- ( iv ) Building by the University of a 'Rasa-shala' to facilitate the Research work of the Seth Ujamshi Pitamberdas Ayurvedic Research Unit.
- ( v ) Building a Hall of Residence on the University grounds.

#### 2. Courses of studies.

The College conducts courses leading to the degrees of M.B.,B.S.

#### 3. Number of students.

The following table shows the number of students at the end of June, 1953 :—

	<i>Men</i>	<i>Women</i>	<i>Total</i>
1st Year	26	4	30
2nd Year	43	9	52
3rd Year	28	4	32
4th Year	35	2	37
5th Year	29	2	31
	-----	-----	-----
	161	21	182
	-----	-----	-----

#### 4. Staff.

The staff of the Faculty consists of 4 Professors, 7 Senior Lecturers, 9 Junior Lecturers, 24 Honorary Medical Officers, 23 Class III and 38 Class IV servants.

#### 5. Library and reading-room.

The library and reading-room were kept open from 10-30 a.m. to 5-30 p.m.

The following are the figures of readers and circulation :—

Number of books issued for reading during the year	...	6523
Number of staff and students making use of library and reading-room		
Staff	...	75
Students	..	152
Total		227

The following table gives the stock of books in the library and the total amount spent on its maintenance during the year 1952-53 :—

	Number	
Books including back numbers of Journals on 1-7-1952	2,733	Rs. 33,000
Written off during the year	—	—
Added during the year	513	Rs. 9,811
Books on 30-6-1953	3,246	Rs. 42,811
Journals subscribed in 1952-53	43	Rs. 1,863
Amount spent on Binding etc. in the year 1952-53	—	Rs. 84
Total amount spent for library and reading-room during the year	—	Rs. 11,758/-

#### 6. Museum, Laboratories, Studios, Workshops etc.

The College museum contains the following models :—

	Number
( i ) Anatomy	
(including Embryology and Comparative Anatomy).	
Models—Anatomy	39
Embryology	62
Specimens—Dry	258
Wet	443

( ii ) Pharmacology	Drugs	220
(including Toxicology)	Preparations of various firms	351
	Toxicology drugs	101
( iii ) Pathology	Models	5
	Specimens—Dry	58
	Wet	350
( iv ) Preventive Medicine	Models	72

The following table shows the total cost of equipment in the museum, the laboratory and the studio :—

Sr. No.	Item	Cost of equipment on 1-7-1952	Cost of equipment etc. written off during the year	Cost of equipment etc. added during the year	Cost of equipment on 30-6-1953
		Rs.	Rs.	Rs.	Rs.
1	Museum	2,80,840/-	290	13,200	2,93,750/-
2	Laboratories	3,36,145	500	16,050	3,51,700/-
3	Studio ( Artist )	4,400	—	5,400	9,800/-
	G Total	6,21,385	790	34,650	6,55,245 ( Approx. )

#### 7. Publications by the members of the staff.

##### (a) Articles or Papers.

The following were the publications by the members of the staff during the year 1952-53 :—

Sr. No.	Name	Title	Where published with month of publication
1	Dr. J. D. Pathak and Shri M. L. Pai	Gastric Response, Digestion and Evacuation time of full meal dishes	The M.S. University Journal, October, 1952.
2	Dr. J. D. Pathak, Shri M. L. Pai and Shri A. M. Gandhi	Gastric Response, Digestion and Evacuation time of some milk preparations.	Journal of Indian Medical Research, January, 1953.
3	Dr. J. D. Pathak and Shri M. L. Pai	Gastric Response Digestion and Evacuation time of some egg preparations.	Indian Science Congress, January, 1953.

### 8. Other literary and cultural activities.

Following papers were read at the All Gujarat and Saurashtra Provincial Medical Conference, Baroda in March, 1953 by members of the staff:—

- (a) On Hyperchlorhydrates and suitable Diet, by Dr. J. D. Pathak.
- (b) On Plasma Proteins in some diseases, by Shri M.L. Pai.

### 9. Co-curricular activities.

- (a) The 4th year students were taken on an academic tour to Poona in October, 1952. They visited the Preventive Medicine Section of the Armed Forces Medical College, the Artificial Limb Fitting Centre, the Water Purification Works, the Bairoba Pumping Station for disposal of sewage, the Mental Hospital, the Industrial School at Yervada, and the National Chemical Laboratories.
- (b) The College participated in Shri M. N. Wadia Memorial Trophy Inter Faculty University Debate on 9-12-1952 and won the trophy for the second time.
- (c) The Annual sports of the College were held in December, 1952 and the Annual Social, in the premises of the College on 15-2-1953. The students organised a good variety entertainment. Shrimati Hansa Mehta, Vice Chancellor of the University was the Chief Guest.

### (B) SHETH UJAMSHI PITAMBERDAS AYURVEDIC RESEARCH UNIT

#### 1. Starting of the Unit.

The Syndicate of the Maharaja Sayajirao University of Baroda appointed, on June 7, 1952, a Committee to consider the question of organising the Sheth Ujamshi Pitamberdas Ayurvedic Research Unit, in pursuance of a Government of Bombay Local Self-Government and Public Health Department Resolution No. 6490/33, dated March 7, 1952. This committee met on July 20, 1952, and appointed a Research Sub-committee to work out the details of organisation, along the lines generally discussed in the meeting. The Sub-committee met twice on August 24, 1952 and on January 11, 1953. The details of the immediate programme were discussed and determined.

During the interval ending June 30, 1953, the Unit has been partly organised. The following statement describes the activities of the Unit during that period.

#### 2. Buildings.

The Unit, is mainly housed in two large rooms 58' × 30½' and 50 × 30 on the first floor of the Medical College building. A new structure is also being built, on the east side of the Medical College building, to house a Rasashala. A small committee was appointed to consider the site and plan of this structure. Construction has been started along the lines recommended by this committee and the Rasashala is expected to be ready in near future for pharmacy work. The total cost of this structure is estimated to be about Rs. 55,000/-.

#### 3. Staff.

The staff of the unit consisted of one Senior Research Vaidya, one Junior Research Vaidya, one Class III and one Class IV servant.

#### 4. Library.

A total of 1715 books and periodicals were transferred to the Unit from the University Library where they were temporarily stored after they were received from the Sheth U.P. Ayurvedic College, Patan.

#### 5. Research work.

The Research Sub-Committee felt that before any actual programme of clinical or laboratory work is undertaken, it was necessary and advisable to collate the references in ayurvedic literature concerning the subjects of study.

The Senior and Junior Vaidyas were therefore directed to collect such literary material from the major ayurvedic books. During the year under report the collection on the following diseases and drugs was undertaken:—

कुष्ठ; पान्डु; कृमिरोग; आमवात; संघिवात; स्थौल्य; काश्यप; वृक्कशोथ; गुल्म; विसर्प; राजयक्ष्मा; जलोदर; प्रमेह; मधुमेह; हृद्‌रोग; संग्रहणी; लोह; कासीस; गैरिक; मंडूर; विमल; वचा; ब्राह्मी; मंडूकपर्णी; पुष्करमूल; कठ; पारद; सुवर्णमादिक; अभ्रक.

One note on Determination of प्रकृति has also been prepared for publication and is accepted by the Oriental Institute Journal for their next number.

#### 6. Museum.

A museum of drugs and herbs has been planned. A herbarium is also being organised. The University Department of Botany is co-operating in this work.

#### 7. Equipment.

The requirements of the Unit in matter of equipment have been listed. As soon as the Rasashala is ready the equipment, chemicals, drugs etc. will be made available.

## CHAPTER XII—FACULTY OF TECHNOLOGY (INCLUDING ENGINEERING)

### 1. Buildings.

The Offices, Laboratories, Class rooms, Workshops and Halls of the Faculty are housed in several buildings on Raj Mahal Road as mentioned below :

- I. The Main Building accommodating various Laboratories, Drawing Halls, Library, Class-rooms and Offices.
- II. The Hydraulics Laboratory
- III. The Workshop premises accommodating
  1. The Workshop comprising the Carpentry Shop, the Fitting Shop, the Lathe Shop, the Smithy shop, the Foundry and the Furniture Shop.
  2. Heat Engines Laboratory
  3. Textile Chemistry Department Laboratory
  4. Textile Engineering Department machines shed and Textile Testing Laboratory

The extensions to the Machine Shop, Heat Engines Laboratory, the Textile Engineering and the Textile Chemistry sheds have been completed. The Gas Room for the newly purchased gas plant and the compound wall round the Faculty grounds were constructed. The construction of the Textile Testing Laboratory and a new Boiler house to accommodate the newly purchased Water Tube Boiler Plant were on hand. The total cost of all the buildings including the extensions and new constructions made during the year under report was about Rs. twenty lakhs.

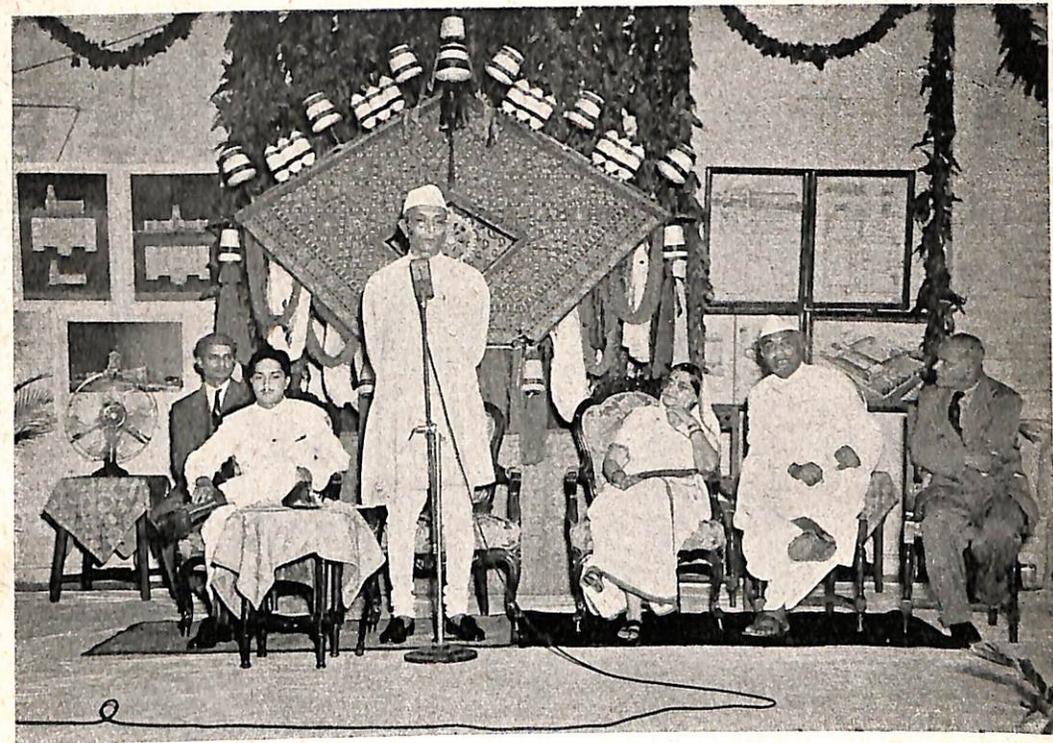
### 2. Courses of studies.

*Degree Courses :—*

- ( a ) Courses leading to the degree of B. E. ( Civil, Mechanical, Electrical ).
- ( b ) Courses leading to the degree of B. Text. ( Engineering ).

*Diploma Courses :—*

Courses leading to the Diplomas in Civil Engineering, Mechanical Engineering, Electrical Engineering, Textile Chemistry, Textile Technology and Architecture.



Shri Morarji Desai, Chief Minister, Bombay State inaugurating  
the Textile Engineering Course : 22-6-1953

*Certificate courses :—*

( a ) Courses leading to the Certificates of Turner and Fitter, Wireman, Carpentry, Dyeing, Weaving, Architecture and Drawing.

( b ) A Technical High School course.

**3. Number of students.****Degree Course :**

<i>Department and classes</i>	<i>Men</i>	<i>Women</i>	<i>Total</i>
F.E. ( Mechanical, Electrical, Civil and Textile Engineering )	100	—	100
S.E. ( Mechanical, Electrical, Civil )	74	—	74
B.E. ( New ) Course ( Mechanical, Electrical, Civil )	67	—	67
B.E. Old Course ( Mechanical, Electrical and Civil )	34	—	34
Total of Degree Students :	275		275

**Diploma Courses :***Mechanical Engineering :*

	<i>Men</i>	<i>Women</i>	<i>Total</i>
I Year	68	—	68
II Year	37	—	37
III Year	19	—	19
IV Year	19	—	19
Total	143		143

*Electrical Engineering :*

I Year	67	—	67
II Year	49	—	49
III Year	17	—	17
IV Year	26	—	26
Total	159		159

*Civil Engineering :*

I Year	67	—	67
II Year	53	—	53
III Year	24	—	24
Total	144		144

	Men	Women	Total
<b>Textile Chemistry :</b>			
I Year	24	—	24
II Year	17	—	17
III Year	32	—	32
Total	73	—	73
<b>Textile Technology :</b>			
I Year	39	—	39
II Year	18	—	18
III Year	9	1	10
D.T.T. (Transitory)	10	—	10
Total	76	1	77
<b>Architecture :</b>			
I Year	31	—	31
II Year	34	—	34
III Year	25	1	26
IV Year	20	1	21
Total	110	2	112
Total of all Diploma students :	705	3	708
<b>Certificate Courses :</b>			
<i>Turner, Fitter and Latheman</i>			
I Year	17	—	17
II Year	19	—	19
Total	36	—	36
<i>Wireman</i>			
	24	—	24
<i>Dyeing</i>			
I Year	6	—	6
II Year	6	—	6
Total	12	—	12
<i>Weaving :</i>			
I Year	18	—	18
II Year	6	—	6
Total	24	—	24
<i>Draftsmanship &amp; Tracing :</i>			
I Year	14	—	14
II Year	4	—	4
Total	18	—	18
Total of Certificate students :	114	—	114

	Men	Women	Total
<b>Technical High School :</b>			
I Year	55	—	55
II Year	45	—	45
III Year	4	—	4
Total	104	—	104
<b>Summary</b>			
Degree Courses	275	—	275
Diploma Courses	705	3	708
Certificate Courses	114	—	114
Technical High School	104	—	104
Total	1198	3	1201

#### 4. Staff.

The staff of the Faculty consists of 3 Professors, 10 Readers, 10 Senior Lecturers, 15 Junior Lecturers, 2 Part-time lecturers, 28 Demonstrators, 60 Class III and 53 Class IV servants.

#### 5. Library and reading-room.

(a) The following table gives the stock of books in the library and the total amount spent on its maintenance during the year 1952-53 :—

	Number	
1. Books including back numbers of Journals on 1-7-1952	12,987	Rs. 1,00,323- 0-0
2. Transferred to other institutions during the year	776	Rs. 2,167- 5-6
3. Added during the year	479	Rs. 8,682-11-0
4. Books on 30-6-1953	12,690	Rs. 1,06,838- 5-6
5. Journals subscribed in 1952-53	44	Rs. 1,125- 0-0
6. Amount spent on Binding etc. in the year 1952-53	—	Rs. 93- 6-0
7. Total amount spent for library and reading-room during the year	—	Rs. 9,901- 1-0

#### (b) Reading-room :

About 100 to 125 students attended the reading room daily and 10 to 15 members of the staff used the library every day.

#### (c) Reference :

Everyday about 30 students used the library for reference purposes, such as copying the examination papers and the syllabi and for consulting books of reference.

**(d) Lending:**

600 students joined the library for borrowing books and about 75 members of the staff borrowed books for study and reference. Circulation of books amongst students was about 5,400 : circulation of books and journals amongst members of staff was about 1,000.

**6. Museum, Laboratories, Studios, Workshop etc.**

The following table shows the cost of equipment in the different laboratories and workshops of the Faculty :—

Sr. No.	Item	Cost of equipment on 1-7-1952.	Cost of equipment etc. written off during the year	Cost of equipment etc. added during the year	Cost of equipment on 30-6-1953
		Rs.	Rs.	Rs.	Rs.
1	Laboratories & Workshops	10,64,201/-	..	3,64,544/-	14,28,745/-

**7. Publications by the members of the staff.**

The following were the publications by the members of the staff during the year 1952-53 :—

**(a) Articles or Papers**

Name	Title	Where published with month of publication
Dr. S. M. Sen	Non-linear Circuit Analyses	The M.S. University Journal, October, 1952.

**8. Other literary and cultural activities.**

Under the auspices of the Literary Association the following activities were conducted :—

1. An inaugural address was delivered by the Dean.
2. An essay competition on the subject "How as an engineer, architect or technologist, I would employ myself in the best interests of the nation" was held. The following students were awarded prizes from Shri P. S. Chari's contribution :—

Shri N. B. Patel, S. E. (Civil)	1st prize	Rs. 25/-
Shri K. J. Parekh, S. E. (Civil)	2nd prize	15/-
Shri N. N. Shah, S. E. (Civil)	3rd prize	10/-
Shri K. G. Ashar, S. E. (Mechanical)	4th prize	10/-

3. A lecture on "Some interesting aspects of recent scientific developments" was delivered by Dr. S. M. Sethna of the Faculty of Science.

4. Two of the students represented the Faculty for the "Mahadeo Desai Gujarat Elocution Competition," held at L. D. Arts College, Ahmedabad.

5. Dr. (Mrs.) R. P. Devadas, Dean, Faculty of Home Science, delivered a lecture on "The Science of Home-making."

6. Shri Chaudhari and Shri Battiwala delivered lectures on engineering subjects at the time of the visit of the members of the Institution of Engineers (India) to this Faculty.

7. A debate was held between the students of the Faculty and those of the Home Science Faculty on the subject "Women should not claim equality with men."

8. A lecture was delivered by Mrs. Horton from the U.S.A. on "Education in the United States."

**8. Co-curricular activities.**

(a) *Exhibition of educational films*: The Faculty exhibited ten films on various subjects of educational interest and also 14 strips of 25 m.m. films. Additional films were obtained on loan for use from the following organisations :—

1. British Information Services.
2. United States Information Services.
3. Burma Shell Company.
4. Visual Aids Department of Bombay State.
5. Films Division, Ministry of Education, Government of India.

Visual instruction with these films was arranged once in a fortnight commencing with July 1952 and ending in March 1953.

(b) *Excursions, tours and visits*: B.E. and S.E. degree classes and all the Final Year Diploma classes went on tour to places of particular interest connected with their branch of study. The first, second and third year students in Architecture went on a Measured Drawing tour.

(c) *Factory practice*: In order to acquaint the students with factory life and conditions, outside practice for 60 to 90 days in workshops, factories, power houses and mills, is compulsory in the Mechanical

and Electrical Engineering and the Textile Technology Diploma courses. Accordingly, the students received practical training in some approved concerns.

(d) *Seminars*: All students of the final year Degree and Diploma classes take part in Seminars once a week. Every student prepared and read at least one paper on a selected theme relating to the subject of his study and participated actively in the discussions.

#### 10. Tutorial and class-work.

Attendance at the terminal examination, tutorial periods and tests is compulsory. The system of giving credit for work done during the term was followed. Regular records of the class-work and periodical tests of the students were maintained.

In deciding the final results of all examinations whether conducted by the Faculty or the University, the marks obtained by the candidates in their terminal examinations, tutorials, class-work and periodical tests were taken into account, as shown below:—

Theoretical subjects: 20% of the maximum marks for the examination in that subject.

Practical subjects: 25% of the maximum marks for the examination in that subject.

Accordingly regularity and a high standard of work were secured amongst the students throughout the year and thereby the main defect of the written examination, that it is not a true test of merit, was greatly eliminated.

#### 11. Other important events.

(i) Every effort was made to inculcate the sense of dignity of labour and self-help amongst the students by enabling them to attend manual work classes from time to time. During the year under report, the students of the Faculty executed the construction of a workshop for the University Experimental High School of the Faculty of Education and Psychology.

(ii) Shri Morarji Desai, Chief Minister, Government of Bombay, inaugurated the new Textile Engineering degree course in this Faculty on 22nd June, 1953.

(iii) The newly constructed Hydraulics Laboratory was named "Maharaja Fatehsinh Hydraulics Laboratory."

## CHAPTER XIII (a)—FACULTY OF FINE ARTS

### 1. Buildings.

During the year under report two more Studios and a Wood-craft workshop were constructed. The Applied Arts, Painting and Wood-craft Departments were shifted to their new premises and the Painting Studio was turned into the Exhibition Hall.

### 2. Courses of studies.

The Faculty offered the following courses:—

(i) Four-year courses leading to the degree of B.A. (Fine) in each of the subjects of Painting, Sculpture and Applied Arts and Crafts.

(ii) Four-year courses leading to Diploma in the above subjects.

(iii) Certificate courses in Lithography, Photography, Pottery and Wood-craft.

(iv) A two-year Post-graduate Diploma course in Museology.

During the first year all degree and diploma students have a common curriculum comprising the following subjects:—

(i) Drawing and Painting.

(ii) Sculpture.

(iii) Applied Arts.

(iv) Fundamentals of Art.

Degree students have to study three additional subjects, namely, Hindi, English and Cultural Background. From the second year, students take up different subjects of specialization according to their ability and choice.

During the year under report first, second and third year classes were conducted both in the degree and diploma courses and fourth year classes were started from June 1953.

### 3. Number of students.

The number of students in the various classes of the Faculty was as under:—

Class	Men	Women	Total
Certificate: First year	I		I

		Men	Women	Total
Diploma :	First year	3	..	3
	Second year	5	..	5
	Third year	3	..	3
	Fourth year	6	..	6
Degree :	First year	4	2	6
	Second year	3	2	5
	Third year	5	..	5
	Fourth year	7	1	8
Post-graduate Diploma in Museology	7	6	13	
		44	11	55

#### 4. Staff.

The staff of the Faculty consists of 1 Professor, 2 Readers, 2 Senior Lecturers, 4 Junior Lecturers, 2 Demonstrators, 1 Tutor, 3 Class III and 7 Class IV servants.

#### 5. Library and reading-room.

The Faculty is gradually trying to build up an adequate library. Library periods were provided as a regular part of the curriculum and a record was maintained of the work done by each student in the library.

The number of members of the staff and students who made use of the library was 50 and the number of books issued during the year was 220.

The following table shows the stock of books in the library and the total amount spent on its maintenance during the year 1952-53 :—

	Number		
1	Number of books on 1-7-1952	1121	Rs. 15,000-0-0
2	Books written off	..	..
3	Number of books added during the year	263	Rs. 2,984-14-6
4	Number of books on 30-6-1953	1384	Rs. 17,984-14-6
5	Amount spent on periodicals	..	Rs. 660-13-0
6	Amount spent on Binding etc. in the year 1952-53	..	Rs. 50-0-0
7	Total amount spent on library and reading room during the year		Rs. 3,695-11-6

#### 6. Museums, Laboratories, Studios, Workshops, etc.

The following equipment was obtained and prepared for the studios and the workshops of the Faculty :—

Serial No.	Item	Cost of equipment on 1-7-1952	Cost of equipment written off during the year	Cost of equipment etc. added during the year	Cost of equipment on 30-6-1953
		Rs.		Rs.	Rs.
<b>1 Studios :—</b>					
i	Painting equipments	1,745/-	..	340-0-0	2,085-0-0
ii	Sculpture equipments	2,510/-	..	360-0-0	2,870-0-0
iii	Applied Arts equipments	1,275/-	..	370-0-0	1,645-0-0
<b>2 Workshops :—</b>					
i	Wood-carving equipments	1,855/-	..	..	1,855-0-0
ii	Lithography equipments	3,510/-	..	..	3,510-0-0
iii	Photography equipments	2,900/-	..	246-13-0	3,146-13-0
iv	Etching equipments	2,200/-	..	..	2,200-0-0
	Total	15,995/-	..	1,316-13-0	17,311-13-0

#### 7. Other literary and cultural activities.

- ( i ) Professor Markand Bhatt presided over the Art Education at College Level Section of the All India Art Teachers' Conference held at Jamia-Millia, New Delhi, in March 1952. He read a paper on " Art Education at College Level. "
- ( ii ) Shri N. S. Bendre delivered a lecture on " Chinese Art " on 8-7-1952.
- ( iii ) Shri Vishnukumar Bhatt delivered a lecture on " Relation of Art and Culture in Ancient India " on 15-7-1952.
- ( iv ) Miss Marion Humfeld delivered a lecture on " What is Art ? " on 23-9-1952.

(v) Dr. (Miss) B.C. Doctor delivered a lecture on "Costumes and Ornaments as revealed in Ajanta Paintings" on 26-9-1952.

(vi) Dr. J. LeRoy Davidson gave lecture-demonstrations on "Modern American Art" on 21-11-1952, and on "Chinese Art" on 22-11-1952.

### 8. Co-curricular activities.

(i) *Study tour*:—The students of the Faculty went to Ajanta and Ellora caves from 13th to 25th December, 1952, and made about 1,500 sketches.

(ii) *Debate*:—A debate between the students and the members of the staff was arranged on "Whether artists are necessary for the prosperity of society."

(iii) *Exhibitions*:—The following exhibitions were held during the year:—

(a) "Chinese Art" by Shri N. S. Bendre on 8-7-1952.

(b) Exhibition of the works of the students on 3-10-1952.

(c) "University Week" exhibition from 7th to 15th December, 1952.

(d) "Bombay Exhibition" from 18th to 26th February, 1953.

(iv) *Celebrations*:—

(a) "Tagore Jayanti" on 7-8-1952.

(b) "Coommaraswamy Death Anniversary" on 16-9-1952.

(v) *Film-shows*:—

The following film-shows were held during the year at the Faculty. Most of these shows were arranged to provide information and demonstrations in Fine Arts to the students:—

American Films on Fine Arts on 15-7-1952

(a) Grandma Moses

(b) Art in Haiti

(c) Alexander Calder

(d) Brush Technique

French Films on Fine Arts on 28th & 29th July, 1952

(a) La Vie Dramatique D'Utrillo

(b) Toulouse de Lautrec

(c) Fêtes Galantes

French Films on Fine Arts on 10-9-1952

(a) La Nuit Des Temp V. F.

(b) Evangile de la Pierce V. F. Part I & II

French Films on Fine Arts on 9-10-1952

(a) La Belle Et La Bête

Film of the Prime Minister's Visit to Baroda on 17-3-1953

### 9. Tutorials and class-work.

Records of the day to day progress of the students in each course were kept and the students were given certain number of assignments in the practical courses. Mid-term tests were held in theory subjects and reports of observations by class teachers and grades of class work, home work and tests were maintained. As a result of these observations two students were advised to take up some other courses and one left the College in the second term.

### 10. Other important events.

(i) *Visits*

The following persons visited the Faculty during the year:—

1 Mr. S. E. Hodgson, Administrative Officer, British Council, Bombay, on 12-8-1952.

2 Shri S. Vidyalkar, Minister of Hyderabad, on 16-9-1952.

3 Dr. Amaranatha Jha, Chairman, Public Service Commission U.P., on 4-10-1952.

4 Dr. J. Le Roy Davidson, Visiting Professor under Full-Bright Programme, U.S.A., on 20-11-1952.

5 Pandit Jawaharlal Nehru, Prime Minister of India, on 7-12-1952.

6 The members of the Burmese Delegation to India on 5-1-1953.

7 Mr. Wilmot, Deputy Controller of the Division of the British Council working in South East Asia, on 22-1-1953.

8 Shri V. K. Sathe, Deputy Minister for Civil Supplies, Bombay, on 13-2-1953

9 Rajkumari Amrit Kaur, Health Minister, Government of India, on 29-3-1953.

(ii) *Pottery Exhibition, Bombay*:

The Faculty was invited to exhibit its specimens of Pottery at the exhibition of pottery held by Prajapati Sahakari Utpadak Mandal Ltd.,

Bombay from 8th to 14th March, 1953. Shri Punabhai Khimabhai, Demonstrator in Pottery, was sent with 44 specimens of pottery. The specimens were very much commended and all of them were sold.

(iii) *Exhibition of Indian Paintings in Europe* :—

The Faculty was invited to send the works of the students of the Painting Department for the exhibition organised by the Artists' Aid Fund, Bombay. Eighteen paintings of the students were selected and displayed at the Exhibitions held in Switzerland and other European countries.

(iv) *Exhibition held by Charotar Drawing Teachers' Association* :—

Fifty-five paintings of the students of the Faculty were exhibited at the Eleventh Art Exhibition of the Paintings of the students of Charotar at Petlad, on 15th April, 1953.

(v) *Bombay Exhibition* :

With a view to acquainting the public outside Baroda with the new development in Art Education and the work of the Faculty and also to let the students in general know of the facilities of instruction available in Fine Arts, an exhibition of the works of the students of the Faculty was held at Jehangir Art Gallery, Bombay, from 18th to 26th February, 1953. The exhibition consisted of 300 exhibits—84 paintings, 26 sculptures, 21 sculptural drawings, 94 works of applied arts, 19 lithographs, 11 photographs, 21 cut and wood-carvings and about 30 pieces of pottery. The exhibition was opened by Shri Mangaldas Pakvasa, Governor of Bombay on 18th February, 1953 at 5-0 p.m. in the presence of about 400 guests. The Governor and the guests appreciated the efforts of the students. In the several reviews that appeared in the Bombay Press, the results achieved by the Faculty within a short period of three years were highly commended. The A.I.R. relayed parts of the inauguration programme containing the inaugural address by the Governor with a commentary on the exhibits and the programme of the Faculty.

A programme of conducted tours of the exhibition was also arranged. The exhibition was visited by about 4,500 persons and their remarks regarding the exhibition were generally favourable. There was an encouraging sale of the exhibits amounting to Rs. 725/-.

11. **Outside order-works.**

During the year the following order works were executed :—

Sr. No.	Particulars	Number	Amount in Rs.
1	Full size portraits of eminent persons, ordered from the Oriental Institute, Baroda	12	300- 0-0
2	Labels of Sanitex Chemicals Ltd., Baroda, ordered from Shri Girja Raman Litho Works Ltd., Baroda	1000	25- 0-0
3	Printing of question papers of terminal examination of the Faculty of Technology	29	297- 9-0
4	A book cover design for the Oriental Institute, Baroda	2	60- 0- 0
5	Printing of the question papers of University annual examinations 1952-1953	26	607- 4-0
6	Pottery articles for the Faculty of Home Science, Baroda	98	65-14- 0
	Total		1,355-11- 0

(b) COLLEGE OF INDIAN MUSIC, DANCE & DRAMATICS

1. **Buildings.**

The building of the College of Indian Music, Dance and Dramatics at Sursagar was occupied last year in June 1952. The building, situated in the heart of the city, is quite suitable for the College. It attracted many students during the year under report. The stage of the Central Hall was enlarged and fitted up properly in October, 1952 at a cost of Rs. 1,200. The total cost of the building is Rs. 1,80,000/-.

2. **Courses of studies.**

At present the College offers Four Years degree courses in Music (Vocal and Instrumental—Sitar, Violin, Dilruba and Tabla), Dance (Bharat Natyam and Kathak) and Dramatics, leading to the degree of Bachelor of Music (B. Mus.). The College also offers Diploma courses in Vocal Music. Sitar, Dilruba, Violin, Tabla, Dance (Kathak) and Dramatics. The Diploma courses in Music are of five years' duration while the Diploma courses in Dance and Dramatics are of three years' duration.

### 3. Number of students.

The following was the number of students studying in different classes :—

Degree Classes	Men	Women	Total
Ist year	8	6	14
IIInd year	4	8	12
IIIrd year	1	1	2
IVth year	—	5	5
Total	13	20	33

Diploma Classes	Men	Women	Total
Ist year	136	49	185
IIInd year	66	36	102
IIIrd year	29	8	37
IVth year	11	—	11
Vth year	14	6	20
Total	256	99	355
Grand Total	269	119	388

### 4. Staff

The staff consists of a Principal in the grade of Reader, 2 Senior Lecturers, 2 Visiting Lecturers, 2 Junior Lecturers, 1 Tutor and 19 Ustads, *i.e.* teachers teaching Music, Dance, etc. There are 4 Class III and 8 Class IV servants.

Demonstrations by following experts were arranged during the year for the benefit of the students.

(i) Professor Sukumar gave a Bharat Natyam and other Folk Dance demonstration on 23rd August, 1952.

(ii) Shri Rajguru Basavraj gave a demonstration of vocal music on 5th September, 1952.

(iii) Shri Pandit Krishnarao of Gwalior gave a vocal music demonstration on 12th September, 1952. The students had the opportunity to hear his Gwalior Gharana Gayaki (Haddu Hussukhan Gharana) and also Tappas—a rare type of music style.

(iv) Shri Puranchandra Bikanerwala gave a vocal music demonstration on 13th November, 1952.

(v) Shri Gajananrao Ambade and his nephew gave a Jaltarang and Sitar duet demonstration on 20th November, 1952.

(vi) Shri Yeshwant Rai C. Purohit gave a vocal music demonstration on 1st April, 1953.

### 5. Library & reading-room.

During the year under report the library was completely re-organised and a large number of books was added. All the furniture required for the reading-room was got prepared and progress was made towards properly equipping the library and the reading-room.

The following table gives the stock of books in the library and the amount spent on its maintenance during the year 1952-53 :—

	Number	
Books including back numbers of		
Journals on 1-7-1952	119	Rs. 1,100/-
Written off during the year	..	..
Added during the year	235	Rs. 1,400/-
Books on 30-6-1953	354	Rs. 2,500/-
Journals subscribed during the year	8	Rs. 258/-
Total amount spent for library and reading-room	..	Rs. 1,658/-

### 6. Museum & Laboratory

The College has a small Museum of ancient instruments of various types. It was proposed to have a Museum of old costumes and a Committee was set up to work out the details.

A new Physics Laboratory was established during the year to teach the students the principles of Sound and a part-time Lecturer was appointed for this work. About Rs. 1,500/- were spent for the equipment of the Physics Laboratory including the requisite furniture.

### 7. Other literary & cultural activities.

Shri M. P. Khokar, Senior Lecturer in Dance went on a study tour of South India in the last term. He visited important places like Malabar, Cochin, Travancore, Tamil Nad, Coorg, Andhra and Mysore and he contacted many Dance experts and collected about 500 photographs and some Dance materials.

He published two articles :—

(1) "Kathak—Its background technique and Exponent" in the VIth South Indian Natya Kala Conference Souvenir, Madras in December, 1952.

(2) "Demon Dances of Malabar"—Illustrated Weekly of India, May, 1953.

#### 8. Co-curricular activities.

(i) Shrimati Mirabai Badkar, Honorary Instructor in Vocal Music gave periodical demonstrations of Vocal Music in co-operation with the members of the staff who explained the peculiarity of the particular Raga on the spot. The same Raga was then demonstrated by her. The students of higher classes also sometimes participated in the demonstration.

(ii) Shri C. C. Mehta, a well known expert in Dramatics addressed the students on 12th July, 1952 and advised them to cultivate a new outlook towards the art of Dramatics and Stage-craft.

(iii) The students of the College went to Jojwa on 7th August, 1952.

(iv) The Pandit Bhatkhande Jayanti was celebrated from 19th September to 21st September, 1952, in which Shri Baburao Kadam, Shri Dighe, and Shri Sindhe gave Sitar demonstrations, Shri Rasakhussain gave a Jal-Tarang demonstration and Shri Gulam Rasul Khan gave a Harmonium demonstration.

(v) The Annual College Day was celebrated on 22-9-1952 and the Diplomas to the old students were awarded by the Vice-Chancellor, Shrimati Hansa Mehta.

(vi) On the occasion of the Annual Convocation on 4-10-1952, a special programme was arranged in honour of the guests, when "Atra Lupta Saraswati" or "Lost River" a Rupak by Shri C. C. Mehta was enacted.

(vii) The Aftabe Mausiqi Ustad Faiyazkhan Jayanti was celebrated on 5th November, 1952 when a series of his records were re-played on the newly purchased tape-recording machine.

(viii) The Annual Social Gathering of the College was celebrated on 9th February, 1953 amidst great enthusiasm. The members of the staff and the students jointly published a hand-written magazine "Ninad" containing some very good articles on Indian Music.

(ix) The students of the degree classes and the diploma final year class were taken to Indore to attend the Music Conference during March, 1953.

#### 9. Tutorial and class-work.

As a majority of the subjects was of practical nature, weekly tests were arranged in the class-rooms and at the end of the month they were recorded on the Tape recorder and played before the students when the defects and good points were discussed with them. This method proved of great help to the students and checked many faulty developments. Besides this, fortnightly written tutorials were held regularly in theory subjects and students were given grades which were taken into consideration at the time of annual test.

#### 10. Other important events.

Mr. S. E. Hodgson, the Administrative Officer of the British Council, Bombay, visited the Institution on 30th August, 1952. He was also shown the different activities of the College. Dr. J. Le Roy Davidson visited the College on 20th November, 1952. Maharajkumar Shri Dharmakumar-singhji of Bhavnagar visited the Institution on 9th February, 1953. Honourable Shri Morarji Desai, Chief Minister, Bombay State, visited the Institution on 20th June, 1953.

Dr. R. K. Trivedi presented to the College a picture by Shri Chhaganbhai Jadhav of "Divine Symphony" of the famous German Musician Johann Sebastian Bach. The picture was unveiled by the Vice-Chancellor Shrimati Hansa Mehta on the 27th June, 1953. Shri A. S. Vasu read a life-sketch of Bach and then the recorded Music of the Divine Symphony was played on the Tape-recorder.

The College was re-named as the "College of Indian Music, Dance and Dramatics" on 30th June, 1953.

## CHAPTER XIV—FACULTY OF HOME SCIENCE

### 1. Buildings.

The Faculty of Home Science which was started on 3rd July, 1950 is a unique institution in the whole of India. The Faculty is housed in a new building specially planned and constructed for the purposes of teaching and practising home-making. It has a separate wing on the western side for the "Chetan Balwadi" which is the laboratory or "Nursery School" for the Department of Child Development. The building has specially planned laboratories for the teaching of 1. Foods and Nutrition, 2. Home Management, 3. Arts and Crafts, 4. Textiles and Laundry, and 5. Clothing. An entire wing for the Cafeteria, a large auditorium with an accommodation for 300 persons, a library with modern reading facilities for the students and the staff and an apartment for practising housing or "Home Management House" form parts of the building. The total cost of the building is estimated to be Rs. 6,27,000/-.

### 2. Courses of studies.

The Faculty offers a B. Sc. (Home Science) degree on completion of a four-year course with one of the four majors, (1) Child Development, (2) Foods and Nutrition, (3) Home Management, (4) Home Science General or Home Science Education.

The course for the first two years is built around the "The Core Curriculum," which enables a student to get an introduction to the essentials of home making. In the third and fourth years, students can take up specialization in any one of the four majors.

### 3. Number of students.

The number of students enrolled in the Faculty was as below :—

Year	Men	Women	Total
First Year	—	43	43
Second Year	—	29	29
Third Year	—	25	25
Fourth Year	—	18	18
		—	—
		115	115



Shri Dinkarrao Desai, Education Minister, Bombay State at the Faculty of Home Science : 8-12-1952

#### 4. Staff.

The staff of the Faculty consists of 1 Reader, 3 Senior Lecturers, 5 Junior Lecturers, 2 Instructors, 5 Class III and 6 Class IV servants.

#### 4. Library and reading-room.

The Faculty had a spacious library, which has been expanding steadily. The library had a stock of 2000 books worth Rs. 13,000/—. Valuable gifts of books and journals were received from the U. S. I. S., Bombay and several friends in the U. S. A. In all thirty journals including magazines and periodicals were received by the Faculty. Since the literature in Home Science was very difficult to get elsewhere, the students and the teachers made good use of the library. The number of persons making use of the library and the reading-room was 110-75 students and 35 teachers.

The following table shows the stock of books in the library and the total amount spent on its maintenance during the year 1952-53:—

	<i>Number</i>	
Books including back numbers of Journals on 1-7-1952	1533	Rs. 10,200- 0-0
Written off during the year	..	..
Added during the year	476	Rs. 1,718-15-3
Books on 30-6-1953	2009	Rs. 11,918-15-3
Journals subscribed to in 1952-53	30	Rs. 330- 1-6
Amount spent on Binding etc. in the year 1952-53	38	Rs. 27-12-0
Total amount spent on library and reading-room during the year		Rs. 2,076-12-9

#### 6. Museums and Laboratories.

##### (a) Museums :

There are general show-cases at the entrance of the Faculty, where small exhibits are displayed periodically.

##### (b) Laboratories :

The following were the laboratories maintained in the Faculty:—

- |                        |                     |
|------------------------|---------------------|
| (1) Child Development  | (5) Arts and Crafts |
| (2) Food and Nutrition | (6) Clothing        |
| (3) Home Management    | (7) Cafeteria       |
| (4) Laundry            |                     |

*Child Development :*

The "Chetan Balwadi" is a laboratory for the Child Development students. It consists of two Play-rooms, a Nap-room, Toilets, a Play-yard, Kitchen, Observation-room and an Isolation-room.

*Foods and Nutrition :*

This section included all types of kitchens, a demonstration centre, a dining hall and a bio-chemical laboratory. The students were taught to cook using different types of cooking stoves keeping in view economy of fuel and proper measurements.

*Home Management :*

The students were taught the methods of cleaning and maintaining equipment, labour saving devices, furniture and interior decoration. Besides this the students practised home management by actual residence in the apartment for six weeks, during which time they did all the chores of the household unaided by servants.

*Textiles and Laundry :*

In this Department, the students obtained some knowledge about the different types of fibres, their functions and use, washing of clothes, and removal of stains and starching.

*Arts and Crafts :*

Here the students were taught Pottery, Painting, Fine Arts, Wall Paintings, Leather Crafts, Floor Decorations, and some elementary Carpentry.

*Clothing :*

The students learned the different types of Clothing Construction, Stitching and Family Needle Work.

*Cafeteria :*

In the Cafeteria the students learned quantity cookery and service.

The following statement shows the cost of the equipment of the laboratories :—

Item	Cost of equipment on 1-7-1952	Cost of equipment written off	Cost of equipment added	Cost of equipment on 30-6-1953
Laboratories	Rs. 49,814-12-2	115-0-0	11,347-13-6	61,047-9-8

**7. Publications by the members of the staff.**

The following were the publications by the members of the staff during the year 1952-53 :—

Sr. No.	Name	Title	Where published with month of publication
1.	Dr. (Shrimati) R. P. Devadas	1. A critical evaluation of the poor rice diet of South India.	Abstract of Doctor's Dissertations No. 63, Ohio State University Press—1952
		2. Role of Nutrition in Human well-being.	Indian Journal of Social Work, September, 1952.
		3. Nutrition and Human Welfare.	Women's Welfare Journal, January, 1953.
		4. Goals for Nutrition Study.	Educational India, February and March, 1953.
2.	Shrimati Surjeet Chopra	1. Social Uplift of Nutrition and the Present food shortage.	Abstract of the paper published in the proceedings of the Gujarat Research Workers' Conference Ahmedabad, January, 1953.

**8. Other literary and cultural activities.**

Dr. (Shrimati) R. P. Devadas presented a paper on "Goals for Nutrition Study" at the All India Home Science Conference held at Madras in September, 1952, which is published in their proceedings.

Shrimati Savitri Pandit presented a paper "The Teaching of Laundry Works" at the All India Home Science Conference, which is published in the proceedings.

Dr. Leela Desai was elected as the first Secretary and Dr. (Shrimati) R. P. Devadas as first Joint Secretary of the All India Home Science Association. Dr. Leela Desai, the then Dean, and Shrimati Surjeet Chopra attended the All India Home Science Conference at Madras. On their way back they visited the Central Food Technological Research Institute at Mysore, and discussed with the Director the scheme of non-rationed food articles.

Dr. (Shrimati) R. P. Devadas gave a lecture to the students of the Faculty of Technology on "The Science of Home-making". She also gave evidence before the Secondary Education Commission on behalf of Women's Education on 13-2-1953.

Dr. Leela Desai gave radio talks on different subjects pertaining to this Faculty. Shrimati Amitaben Mehta, Junior Lecturer in Child Development gave a radio-talk on "Madam Montessory's System of Education," while Shrimati Heera Rao and Mrs. Pareira of the Faculty participated in a radio-play.

#### 9. Co-curricular activities.

##### (i) *Earning while learning:*

Plenty of opportunities were open to needy students for meeting their educational expenses by way of part-time jobs in the library, cafeteria, office and laboratories, and fifteen students took advantage of the scheme.

##### (ii) *Home Economics Club:*

The students' Home Economics Club managed the following activities of the Faculty, (a) Wall Papers and Magazines, (b) Running of the Canteen, (3) Games and (d) Celebrations and Functions of the Faculty and the University.

##### (iii) *Competitions:*

The students took part in the Dulari Garba Competition, and got a Prize Medal. The students also participated in the Variety Entertainment Programme at the Second Annual Convocation in October, 1952, which was appreciated by the public. The students took part in a debate in the Faculty of Technology on 20-2-1953 on "Women should not claim equality with men."

##### (iv) *Exhibitions:*

An exhibition was arranged at the time of Annual Convocation, which attracted many visitors. Another exhibition was arranged at the time of University Week Celebration in December, 1952, when Pandit Jawaharlal Nehru visited the Faculty. These exhibitions gave to the public a picture of the useful work done in this Faculty.

#### 10. Tutorial and class-work.

Since the Faculty has adopted the Grade Credit System, the students got individual attention from their advisers. A teacher adviser was responsible for the all-round well-being of 12 to 15 students, and helped them in their scholastic, personal and social problems. The advisers also arranged special classes for those who needed help in certain subjects.

#### 11. Important events.

(i) The new building of the Faculty was declared open by Shri Dinkerrao Desai, Minister of Education, Bombay State, on 8-12-1952.

(ii) The furnishing of the Home Management Apartment was completed during the year, and residence in the same commenced.

(iii) The students of the Foods and Nutrition Group entertained the members of the Secondary Education Commission at a lunch on 13-2-1953.

(iv) The Cafeteria was declared open on 6-3-1953 by Shrimati Hansa Mehta, Vice-chancellor.

(v) The following distinguished persons visited the Faculty during the year 1952-53:—

1. Pandit Jawaharlal Nehru, Prime Minister of India.
2. Rajkumari Amrit Kaur, Minister for Health, Government of India.
3. Shri Morarji Desai, Chief Minister, Bombay State.
4. Shri Dinkerrao Desai, Minister of Education, Bombay State.
5. Dr. Jivraj N. Mehta, Minister for Finance, Bombay State.
6. Members of the All India Secondary Education Commission.
7. Members of the Burmese Delegation.
8. Dr. James Kellock, Principal, Wilson College, Bombay.
9. Princess Sharda Raje Gaekwad, Shiv-Mahal Palace, Baroda.
10. Shrimati Gopi Chainani, Secretary, Executive Committee for the Welfare of Displaced Women, Government of Bombay.
11. Shri C. S. Trivedi, Officer-in-Charge, Harni and Warashia Displaced Persons' Colony, Baroda.
12. Brigadar K. Verma, Headquarters, Bombay Sub-area.
13. Shri C. J. Sutaria, Member of the Syndicate and M.L.A., Bombay.
14. Shri B. D. Mirchandani, Secretary to the Government of Bombay, Rehabilitation Department, Bombay.
15. Dr. C. H. Wilmot and Dr. Covington, The British Council, London.
16. Dr. V.K.R.V. Rao, Director of School of Economics, Delhi.
17. Mrs. Mildred Horton, former President, Wellesly College, U.S.A.
18. Shri S. K. Dey, Community Project Development Officer, West Bengal.
19. Mr. S. E. Hodgson, Administrative Officer, The British Council, Bombay.
20. Dr. A. R. Sunderrajan, Visiting Lecturer,

## CHAPTER XV—FACULTY OF SOCIAL WORK

### 1. Buildings.

Since June, 1951, when the Faculty moved to its present premises, it has continued to work in the same building. However, minor repairs were undertaken to use the out-houses for field-work programme.

### 2. Courses of studies.

The Faculty offered a two years' post-graduate course leading to the degree of Master of Social Work (M.S.W.). The curriculum consisted of theoretical, practical and research work.

### 3. Field-work, Rural work, Camps etc.

(a) *Field-work*: The field-work programme of the Faculty expanded considerably during this year. With the increasing facilities offered by the local agencies, the Faculty offered wider and richer practical experience to its students. The following agencies in Baroda co-operated in offering valuable practical training to the students:—

1. Camp Road Community Welfare Centre, Baroda.
2. Government Deaf and Dumb School, Baroda.
3. Mental Hygiene and Psychiatric Clinic. (Shri Sayaji General Hospital, Baroda).
4. Navi Dharti Community Welfare Centre, Baroda.
5. Ranoli Village.
6. Shri Chimnabai Industrial Home, Baroda.
7. Shri Chimnabai Maternity and Child Welfare Clinic, Baroda.
8. Shri Fatehsingh Arya Anath Ashram, Baroda.
9. Shri Jagdish Mills, Baroda.
10. Shri Padmavati Sanatorium, T.B. Clinic.
11. Shri Sayaji General Hospital, Baroda.
12. Shri Sayaji Mills, Baroda.
13. The Alembic Chemical Works Co. Ltd., Baroda.
14. The Atladra Rural Centre.
15. The Certified School, Baroda.
16. The Remand Home, Baroda.

Field-work placement of the students during this year is shown in Chapter XXIII.

(b) *Rural Work*: The experimental Rural Work Centre established at the Atladra village expanded its programme and developed into a community welfare centre. The services consisted of medical help and health education, recreational activities for women and children, visual education, formation of the village council and the running of a fortnightly bulletin "Our Village". The programme has also been extended to Bil village which is 3 miles from Atladra.

In both these places, the activities were conducted with the financial assistance and interest of the communities concerned. Increasing effort was made to prepare these communities to assume full responsibility for their community development programme.

(c) *The Mental Hygiene and Psychiatric Clinic*: In consultation with the Principal of the Medical College and the Superintendent of the Baroda Mental Hospital, this Clinic was started at Shri Sayaji General Hospital in July, 1952. The purpose was two-fold:

1. to train the students of the Faculty for psychiatric social work and
2. to offer a specialized service to the community, the need for which had been long felt.

During the year, the work of the Clinic expanded from one to two days a week and on an average the number of patients who attended the Clinic was one hundred. Increasing number of requests for child guidance help was received and it is proposed to meet this need of the community during the next academic year.

(d) *Camps*: Camps and study tours were parts of the Faculty's total programme. Two camps of the junior students were taken to Shukla-tirth and Y.M.C. Rural Demonstration Centre, Martandam, and one study tour for senior students was organized at Ahmedabad. Besides helping the students to live and work together, these tours served the valuable purpose of placing the students in direct touch with the working of other organizations and communities.

### 4. Staff.

The staff of the Faculty consists of 1 Reader, 1 Consultant in Mental Hygiene, 3 Senior Lecturers, 4 Junior Lecturers, 6 Class III and 5 Class IV servants. A field assistant was added to the Rural Work Department and one of the graduates of this Faculty was appointed to that post.

Three distinguished men were invited during the year to participate in the Faculty's programme :—

1. Dr. E. Golway, Member of the Permanent Secretariat, Social Welfare Division of the United Nations, who was invited by the Government of India to follow up its programme for Jail Officers, also helped to start Field-work Programme in Baroda Central Jail. Dr. Golway also gave a series of lectures to the students of the Faculty.

2. Shri S. K. Dey, I.C.S., Development Commissioner, Community Development Projects, West Bengal, was invited in connection with the Rural Work Programme of the Faculty. He also discussed the community development plans with the students and the members of the staff.

3. Dr. John H. Cover, Professor and Director of Business and Economics Research, University of Maryland, and a Full-Bright scholar, visited the Faculty and conferred with the teacher in charge of research on plans for setting up field researches.

#### 5. Number of students.

The number of students enrolled in the Faculty was as under :—

Class	Men	Women	Total
Senior M.S.W.	18	2	20
Junior M.S.W.	14	3	17
Total :	32	5	37

#### 6. Library and reading-room.

The number of teachers and students taking advantage of library was 10 and 37 respectively.

The following table shows the stock of books in the library and the total amount spent on its maintenance during the year 1952-53 :—

	Number	
Books including back numbers of Journals on 1-7-1952	1340	Rs. 9322-8-0
Books written off during the year	..	..
Books added during the year	160	Rs. 2,148-14-6
Books received as gift	405	Rs. 7,000- 0-0
Total number of books added	565	Rs. 9,148-14-6
Journals subscribed	33	Rs. 698- 6-9
Amount spent on Binding etc.	..	Rs. 150-0-0
Total amount spent on library and reading-room.	..	Rs. 2,997-5-3

The Rockefeller Foundation, U. S. A., made a gift of 263 books which were urgently required by the Faculty and not available in India.

The U. S. I. S., Bombay, donated 101 books to the Faculty.

#### 7. Publications by the members of the staff.

##### (i) Articles or papers

The following were the publications by the members of the staff during the year 1952-53 :—

Sr. No.	Name	Title	Where published with month of publication
1	Shrimati I. D. Malani and Shri W. P. Singh	Glimpses from the sixth International Conference of Social Work	International House Quarterly, New York, March, 1953.
2	Shri P. T. Thomas	Muthuvans of Travancore	The M. S. University Journal, October, 1952.

#### 8. Other literary and cultural activities.

(i) The Dean and several other members of the teaching staff and the students attended the International Conference of Social Work in their personal capacities and participated in the group meetings and discussions. The staff and the students of the Faculty had also organized an exhibition pertaining to the Faculty's programme at the International Conference of Social Work in Madras.

(ii) The Faculty organised a seminar on 'Practical Training Programme for Professional Social Work in India' in Baroda. Delegates from the training centres in India and abroad participated in discussion and planning for a period of ten days. This was the first time in India that Schools of Social work had met together to discuss their training programme and it was a direct outcome of the seminar discussions that the staff of this Faculty has been conducting since July, 1951.

(iii) Dr. (Shrimati) P. Vakharia has been asked to act as one of the interviewers for selection of students seeking admission to the New York School of Social Work, Columbia University, U.S.A. and University of Edinburg, Social Welfare Department. She also served on (1) Social Welfare Advisory Board, Ministry of Education, Government of India, New Delhi, (2) Organizing Committee, International Conference of Social Work, (3) Central Executive Committee, Indian Conference of Social Work and (4) Executive Committee, Indian Adult Education Association. Dr. Vakharia and Shrimati P. Bhatt continue to serve on the

managing committee of the Baroda District Probation and After-care Association.

#### 9. Co-curricular activities.

Besides belonging to the University Union, the students of the Faculty run an Association for educational and recreational purposes. In the past years, it was felt that the Association should have some financial resources to help needy students. Last year, two students were helped in this manner through the generosity of some friends in the community. Since July, 1952, the students started to build up a fund. A small amount was collected and a temporary loan was given to one from their group to help him tide over his difficulty.

#### 10. Camp-road Centre, Health and Nutrition Project.

The Faculty conducted a Community Welfare Centre on its premises from July, 1951. It was observed that some of the basic problems of this community were related to physical health and behaviour pattern of the children and the youth. At the beginning of the year, when a part of the U.N.A.C. grant was made available to the Faculty, it was decided to expand the existing recreational programme to include medical assistance and subsidiary diet. A group of 30 children between the ages of 6-16, who were regular attendants of the centre, was selected for this purpose. A physical examination including a blood test was given to each child. It was found that approximately one third of the total number needed treatment for severe anaemia or chronic malaria. A special diet chart was worked out with a view to giving the needed nutrition at the cost of approximately 2 annas per child per day. Medical test at the end of the year has shown encouraging results. The interest revealed by the families of the children concerned showed improvement in the children's behaviour. The experiment will be extended in terms of parental education during the next year.

#### 11. Alumni news.

The alumni of the Faculty formed their own association and showed keen interest in the development of the Faculty and progress of the students. One of the alumni who during his student days was financially helped by a friend of the Faculty, and who is now employed, sent a sum of Rs. 30/- as his contribution to the students' loan fund in appreciation of the help he had received.

Of the first group that graduated in October, 1952, 75% of the total number were employed directly in the field of social work. Of the second group, which completed its training in April, 1953 and received the degrees in October, 1953, 33% are already absorbed in different areas of social work. The following classification shows the positions in which the graduates of this Faculty were working :—

<i>Field of employment</i>	<i>No. of students</i>
In Training Centres for Social Workers	3
Community Development Projects ( Planning Commission )	3
Child Welfare—Probation and Aftercare	3
Labour Welfare Work	2
Rural Work	2
Community Welfare Work	1
Employed outside the Social Work Field	1
Volunteer Social Work	1

The above figures show that by June, 1953, 50% of the total number of graduates were employed in the field of Social Work. Two of these students helped to start new Schools of Social Work in different States and some of the others were taken up as leaders in community development projects under the Planning Commission.

#### 12. Important events.

1. The Faculty received a donation of Rs. 8,000/- for initial expenses and Rs. 7,000/- annually for the next three years from the Maharaja Sayajirao Diamond Jubilee and Memorial Trust Fund for the Rural Work Programme of the Faculty.

2. The Faculty also received from the Government of India a generous grant of Rs. 25,000/- for 'Training Professional Social Workers.'

3. Shri Manibhai Amin of the Sanitex Chemical Industries Company Limited, Baroda, donated vitamin pills for the experiment which was conducted at the Camp Road Community Welfare Centre.

4. The Baroda Municipality helped the Faculty by giving blood tests free of charge to all the children at Camp Road Centre.

5. The T. B. Association of Baroda gave free vitamin pills and medical assistance to the clients referred through the Faculty's Field Work Programme.

## CHAPTER XVI—INTERMEDIATE COLLEGE

### 1. Buildings.

The College was shifted from its original accommodation to the main Baroda College building in June, 1952. The College office, the Principal's office, the library and the reading-room were accommodated in the Seminar building behind the Central Hall. The two First Year Arts class divisions continued to sit in the building of the Faculty of Science. The Inter Arts class and the two Commerce classes were accommodated on the ground floor of the main building. The classes in some of the optional subjects were conducted in the Red Block. The members of the staff were allotted rooms in the adjoining Archaeology Block so that the students could have an easy access to their tutors and teachers. Thus the Intermediate College came closer to the two Faculties of Arts and of Commerce with both of which it is vitally connected.

### 2. Courses of studies.

The College offered courses of studies leading to First Year Arts, First Year Commerce, Inter Arts, and Inter Commerce examinations. The new courses were introduced in the First Year Arts and First Year Commerce classes in June, 1951, and in Inter Arts and Inter Commerce classes in June, 1952. Accordingly, provision was made for teaching new subjects like Geography, Ethics, Psychology and Cultural History.

### 3. Number of students.

The number of students admitted to different classes during the year was as under :—

Class	Men	Women	Total
First year Arts 'A'	108	28	136
First year Arts 'B'	88	30	118
Inter Arts	128	49	128
First year Commerce	127	1	53
Inter Commerce	53	..	53
	<u>504</u>	<u>108</u>	<u>612</u>

### 4. Library and reading-room.

The College library had nearly 5,000 volumes on various subjects taught in the college. The students were encouraged to use the Library.

A list of books in English for extra reading was put on the notice board of the library. The college received from United States Information Services a collection of 100 pocket-book volumes which includes fiction, poetry, philosophy, history, science etc. A large number of dailies and periodicals were subscribed for the reading-room. Nearly two hundred students took advantage of the reading-room daily. Special arrangements are made for women-students.

The following table shows the stock of books in the library and the total amount spent on its maintenance during the year 1952-53 :—

	Number	
1. Books including back numbers of periodicals on 1-7-1952	325	Rs. 1,971-10-6
2. Books written off during the year	..	..
3. Books added during the year	230	Rs. 916-10-9
4. Book at the end of the year	555	Rs. 2,888- 5-3
5. Journals subscribed during the year	18	Rs. 109-14-0
6. Amount spent on Bindng etc.	..	Rs. 200-12-0
7. Total amount spent on library & reading-room	..	Rs. 1,227- 4-9

### 5. Tutorials.

The standard in English amongst students seeking admission to the college, is going down year after year. To remedy this evil and to give them practice in writing, a tutorial scheme was introduced last year, whereby every student was required to write during the course of the year six exercises in composition in every subject. These exercises were corrected, and the mistakes were explained by the tutor or the lecturer. A record of the marks obtained by the students was kept, and these marks were taken into consideration at the time of the annual examination.

### 6. Co-curricular activities.

#### (i) Debating Society :—

Besides taking part in several debates arranged by the College Debating Society, the students took part in the debates arranged by the University Union. On the occasion of the death anniversaries of Tilak, Tagore and Mahatma Gandhi, the students gave talks on the life and work of these men. A very successful attempt was made this year to encourage extempore speaking. In the Inter-Collegiate Debate during the University Week, one student of the College carried away the second prize and another the fifth prize. Two students were sent to Ahmedabad

to take part in the Mahadeo Desai Elocution Contest. Three students, including a girl student took part in the extempore debate arranged by the Rotary Club of Baroda. One student was selected to represent the Maharaja Sayajirao University along with four post-graduate students to take part in the debate in which three representatives of British Universities participated.

(ii) *Gujarati Sahitya Sangh* :—

The Sangh was very active throughout the year. Besides arranging lectures by scholars like Shri R. V. Desai and Shri Umashanker Joshi, the Sangh arranged extempore debates, an essay competition and other activities to develop the command of the students over the Gujarati Language and to create a taste for Gujarati literature.

(iii) *The Commerce Society* :—

The Commerce side of the College had all these years a Secretarial Practice Society, but it catered to the needs of only a section of the Commerce students. This was merged this year into a wider body called the Commerce Society with the object of giving students a first-hand knowledge of the commercial activities in the town. Under the auspices of this society lectures by Press Managers, Industrialists, and Bank Managers were arranged. An essay competition and trips to business centres were also arranged.

(iv) *The Dramatic Society* :—

The members of the Dramatic Society showed a keen interest in its affairs this year. They arranged a National Songs Competition in the first term. In the second term, they staged Mansukhlal Jhaveri's One Act Play 'પ્રકૃતિ'. The proceeds of this show were utilised for the Poor-Boys' Library.

(v) *Music Circle* :—

Some students interested in music, both instrumental and vocal started a Music Circle. They gave their first programme on 15th August, 1952. The members co-operated with the University Union in its programme of Devotional Songs on October 2nd, the birth anniversary of Mahatma Gandhi. The circle gave several interesting items of chorus songs and music on flute at the College Social Gathering.

(vi) *Poor Boys' Library* :—

The amount realised from the sale of tickets at the variety entertainment was handed over to the Poor Boys' Library.

(vii) *College Magazine* :—

The College brought out a magazine containing notes and news about the College and some articles contributed exclusively by first and second year students in English, Marathi, Gujarati and Hindi. The students collected advertisements, since they did not have enough funds to meet the cost of the publication of the magazine.

(viii) *Students' Association* :—

The students maintained most cordial relations with the members of the staff and worked in co-operation with the University Union. Dr. Suresh Sethna spoke on 'Modern Scientific Development' and Shri Umashanker Joshi gave a talk on 'My Impressions of China'.

## CHAPTER XVII—BARODA SANSKRIT MAHAVIDYALAYA

### 1. Buildings and Hostel.

This Institution has been occupying the building called 'The Temple of Radhavallabh' which belongs to the Devasthan Department and for which a monthly rent of Rs. 70/- is paid. It has a Hostel also in a neighbouring hired building accommodating twenty-five students.

### 2. Courses of studies.

This Institution offered courses in three stages as under :—

(a) Uttama Kaksha or Special Pandit Course of four years' duration split up into two courses, the Shastri Course extending over the first two years and the Acharya Course extending over the last two years in the subjects of—

- (i) Nyaya and Vaisheshik Darshan
- (ii) Samkhya Yoga and Vedanta Darshan
- (iii) Purva Mimamsa Shastra
- (iv) Vyakaran Shastra
- (v) Dharmashastra
- (vi) Jyotish Shastra and
- (vii) Sahitya Shastra.

Of the seven branches only four branches viz., Vyakaran, Dharmashastra, Jyotish and Sahitya Shastra were taught during the year under report.

(b) Madhyama Kaksha or Advanced Courses of five years' duration leading to the diploma of 'Visharada' in each of the branches of (i) Grammar and Literature, (ii) Astrology and Astronomy, (iii) Ayurveda and (iv) Pali and Hinayana Religion, with Compulsory English for all branches. The last branch of the Madhyama Kaksha has not been working.

(c) Prathama Kaksha or Elementary Certificate course of three years' duration each in the branches of (i) Yajurveda Yagniki, (ii) Rigveda Yagniki and (iii) Purana, with Grammar and Literature compulsory for all branches.

### 3. Number of students.

The number of students enrolled in various courses at the end of the year is as under :—

Kaksha	Number of students in classes												Total
	Years												
	I	II	III	IV	V	VI	VII	VIII	IX	X	XI	XII	
<i>Prathama Kaksha</i> :—	18	6	7	—	—	—	—	—	—	—	—	—	31
Yajurveda Yajniki	3	2	1	—	—	—	—	—	—	—	—	—	6
Rigveda Yajniki	—	4	1	—	—	—	—	—	—	—	—	—	5
Purana	—	—	—	—	—	—	—	—	—	—	—	—	—
<i>Madhyama Kaksha</i> :—	—	—	—	7	6	3	—	—	—	—	—	—	16
Grammar Branch	—	—	—	8	3	2	—	—	—	—	—	—	13
Astrology & Astronomy	—	—	—	—	—	—	3	—	—	—	—	—	14
Ayurveda Branch	—	—	—	—	—	—	—	—	—	—	—	—	—
<i>Uttama Kaksha</i> :—	—	—	—	—	—	—	—	—	—	—	—	—	—
Grammar Branch	—	—	—	—	—	—	—	—	—	—	—	—	—
Astrology & Astronomy	—	—	—	—	—	—	—	—	—	—	—	—	—
Dharmashastra Branch	—	—	—	—	—	—	—	—	—	—	—	—	—
Sahitya Shastra Branch	—	—	—	—	—	—	—	—	—	—	—	—	—
Grand Total :—	21	12	9	15	9	5	3	11	4	9	3	1	102
										*2			*2
													104

\* Women students.

#### 4. Staff.

During the year under report the staff of the Institution consisted of one Principal, 13 Adhyapakas, 2 Class III and 4 Class IV servants.

As a result of the gradual closure of the Ayurvedic Section, Shri Y. R. Pandit, the Assistant Ayurveda Adhyapaka was transferred to Sheth U. P. Ayurvedic Research Unit and appointed to the post of a Junior Lecturer; but with the filling up of the post of a matriculate English Teacher, the number of Adhyapakas remained the same as in last year.

#### 5. Library and reading-room.

(a) The Institution has a small library for the use of the members of the staff only.

(b) The following table gives the stock of books in the library and the total amount spent on its maintenance during the year 1952-53:—

	<i>Number</i>	
Books in the library on 1-7-1952	2708	Rs. 7680- 6-0
Books written off during the year	23	Rs. 5- 1-3
Books added during the year	54	Rs. 202- 7-0
Books on 30-6-1953	2739	Rs. 7877-12-9
Journals subscribed during the year	5	Rs. 37- 3-0
Amount spent on Binding etc.	—	—
Total amount spent on library and reading-room	—	Rs. 239-10-0

#### 6. Publications by the member of the staff.

The following were the publication by members of the staff during the year 1952-53:—

1. Shri Hariprasad C. Bhatt, 1. 'Causes of the increase in the rate of Mortality of Children' in 'Ayurveda Vijnyana', October, 1952.
2. 'Castor Oil' in 'Ayurveda Vijnyana', March, 1953.
3. Aconite in 'Dhanvantari', May, 1953.

#### 7. Other literary and cultural activities.

(i) Under the auspices of the Sharadopasaka Mandal, the following extension lectures in Sanskrit were arranged during the year under report:—

Sr. No.	Date of the lecture	Subject	Lecturer
1.	2-8-1952	Natyashastratattva	Shri Ramaswami Shastri
2.	6-9-1952	Raso Vai Sah	Shri Satishchandra Bhattacharya, Ahmedabad
3.	25-11-1952	World Academy of Sanskrit at Benares	Shri H. C. Mehta
4.	7-2-1953	Siddhahemashabdanusha- sanam.	Shri K. C. Shukla

(ii) Shri H. C. Mehta, Principal of the Institution gave a lecture on ' Ahimsa ' during the Yashovijayaji Sarasvat Satra at Dabhoi and delivered the presidential address at the All India Bhatt Mevada Youth Conference at Jadar in Sabarkantha District.

(iii) Shri Kalikaprasad C. Shukla, Uttam Kaksha Vyakarana Adhyapak delivered one lecture on " Importance of Nyaya Shastra in our daily dealings " under the presidentship of Shri G. H. Bhatt, Director of Oriental Institute, Baroda, another at Dabhoi on " Adhyatmatattva of Gita " with Shri Aniruddhacharya Nyaya Vedant Shiromani as president and a third on ' Bharatiya Rajniti ' with Shri Badrinath Shastri, Sahitya Shiromani, as president.

#### 8. Co-curricular activities.

( i ) The Institution arranged debates in Sanskrit called ' Shastriyavada ' and lectures in Sanskrit by students as well as by Adhyapakas by turn on every Friday in the Institution.

( ii ) The Sharadopasak Mandal consisting of the students and teachers of the Institution celebrated ' Sharadotsava ' during the month of October, 1952.

( iii ) Some films of health interest were shown to the students of the Institutions by the Honorary University Medical Officer in the premises of the Institution.

( iv ) In accordance with the scheme of providing field work to the students of the Ayurveda, the students of the VI and VII year classes of the section were taken to Mount Abu under the guidance of Ayurveda Adhyapaka in the month of December, 1952.

## 9. Other important events.

( i ) The Sharadopasak Mandal, organised a 'Kavisammelan' during the Sharadotsava in the month of October, 1952, under the presidentship of Shrimati Hansa Mehta, Vice-Chancellor.

( ii ) Shri Vamanrao Vaidya, General Secretary of the Nikhil Bharatiya Ayurveda Mahasammelan, Delhi and the President of the Gujarat and Saurashtra Vaidya Sammelan paid a visit to the Institution.

(iii) The Sahitya Shastra Branch of the Uttama Kaksha was newly started from 15-7-1953 with a view to providing facilities for advanced study of Sahitya Shastra.

(iv) The Institution held its classes in the morning from June, 1953, with a view to achieving co-ordination of the Sanskrit studies in the University and to give increased facilities to the students of the University for Sanskrit learning.

(v) For the first time in the history of the Institution medical examination of all the students of the Institution was carried out.

(vi) The Government of Bombay issued a directive that the provisions of Section 32 of the Medical Practitioner's Act, 1938 shall not apply to persons holding the Diploma of ' Ayurveda Visharada ' of the Institution.

## 10. Scholarships, Prizes and Medals.

During the year under report the budgeted amount for giving scholarships to poor deserving students was Rs. 5,800/-. 21 scholarships of the value of Rs. 10/- each, 13 of Rs. 12/- each and 14 of Rs. 15/- each per month were awarded to students of the Elementary, Advanced and Special Pandit Course respectively, according to rules laid down for the award. Besides, the institution had several small funds and donations from which medals, prizes and books were given to the students of the Institution according to the rules governing the awards.

## 11. Results.

( i ) 78 students were registered in the Mahavidyalaya for examinations conducted by the Institution in the month of March and April, 1953. 71 students appeared out of whom 60 students were successful.

( ii ) A number of students of the Institution secured additional titles and certificates by appearing at the different examinations held under the auspices of Shravan Mas Dakshina examinations, the Benares Government Sanskrit College, the Bengal Government Sanskrit Association, the Brihad Gujarat Sanskrit Association and Bharatiya Vidyabhavan.

## CHAPTER XVIII—ORIENTAL INSTITUTE

### 1. Buildings.

The Oriental Institute continued to be housed on the first floor of the Record Tower building in Kothi Buildings. Government have kindly leased the building to the University on a nominal rent of Re. 1/- per month for a period of 20 years in the first instance.

### 2. Work of the Institute.

The Oriental Institute is mainly concerned with research and publications. The members of the staff also help post-graduate students in Sanskrit for the M. A. and Ph. D. degrees.

### 3. Staff.

The Institute remained throughout the year under the charge of Shri G. H. Bhatt, M.A., the Director. He was assisted in his work by a staff of six Technical Assistants. The post of the Catalogue Assistant remained vacant as Shri M. R. Nambiyar, the incumbent, was appointed on a higher post as Superintendent, G. O. Series Section. On the completion of the re-employment period of the Shrauta Pandit, the post was converted into that of Superintendent, G.O. Series Section. Shri K. S. Ramaswami Shastri, the incumbent who retired as Shrauta Pandit was appointed temporarily for a period of one year as Superintendent, Collation Section, Ramayana Department. The Jain Pandit's post was converted into that of Superintendent, MSS Section. On completion of the re-employment period of the Jaina Pandit Shri L B. Gandhi. Shri J.S. Pade, the Superintendent, Printed Section, was appointed as Superintendent, MSS Section and Shri J. P. Thakar, the Assistant in the Ramayana Department was taken up as Superintendent, Printed Section. Shri M. A. Joshi, the Technical Assistant who retired from 16-3-1953 was re-employed for a period of one year.

The Class III staff ( numbering 7 ) and Class IV staff ( numbering 5 ) remained the same during the year.

### 4. Eight branches of the work of the Institute.

The work of the Institute is divided into the following eight branches :

1. Editorial Establishment.
2. Gaekwad's Oriental Series.

3. Manuscript Section.
4. Printed Book Section.
5. Translation Branch.
6. Exchange.
7. Ramayana Department.
8. Journal of the Oriental Institute ( Quarterly ).

#### 5. Editorial establishment.

The Director looked after all the Sections of the Institute and worked as the General Editor of the G.O. Series and the Journal of the Oriental Institute. He carried on correspondence with several scholars and libraries in India and abroad in connection with the Ramayana manuscripts and guided six students for the Ph. D. degree, one of whom completed his thesis on " A critical study of Sri Harsa's Naisadhiyacarita. " He examined the reports of the Ramayana MSS. in the Oriental Institute and classified them in different recensions. He visited Nepal with Shri J. P. Thakar and Shri S. T. Jatale ( Photographer ) for acquiring the rare Ramayana MSS and took the micro-film copy of the palm leaf Ramayana MS. in Nepali script dated V.S. 1976, the oldest manuscript in the world, and of another Paper Ramayana MS in Nepali script dated Newari Samvat 795 ( = 1675 A.D. ) in the Bir Library, Kathmandu. He critically examined the 60 Ramayana MSS in the Bir Library. He visited other private libraries in Kathmandu and found other Ramayana MSS representing the same version as that of the Ramayana MSS in the Bir Library.

#### 6. The Gaekwad's Oriental Series.

The printing and publication of the internationally reputed Gaekwad's Oriental Series, was the main activity of the Institute. In this Series 120 volumes have already been published, 9 were in the press, 6 were included in the programme and 18 were under preparation. A brief sketch of the books in the stage of publication by the Institute under the authority of the Maharaja Sayajirao University of Baroda, is given below :—

- ( a ) GOS. No. CXIX :—Krtiyakalpataru-Vyavaharakanda edited by K. V. Rangaswami Aiyangar. Laxmidhara, the well-known author devotes the twelfth section of his great digest to a treatment of Vyavahara which may be described as adjectival and substantive Law. The first ten sections deal with the duties, obligatory and voluntary, of all Varnas, in normal and in abnormal circumstances as laid down in the Shastras.

- (b) GOS. No. CXXI : Dhurtaswami Bhasya on the Srauta Sūtra of Apastamba Vol. I. — edited by MM. Pandit Chinnaswami Shastri.

This volume covers the first seven Prasnas of the work. As the Bhasya passages are too terse to be understood by themselves without a note by way of explanation, the editor has given a brief explanatory note below the text in consultation with the Vrtti of Ramagnichit, Prayoga of Talavrntanivasi, Asvalayana Srauts Sutras and Bharadvajasutra to the extent possible.

- (c) GOS. No. CXXII : Rehla of Ibn Batuta—edited by Dr. Agha Mahdi Husain.

The editor has made a careful copy of the Arabic texts by consulting all the available old manuscripts, correctly read the script and identified all the Indian names of places, tribes, objects and persons in it. Dr. Jadunath Sarcar has appreciated the book in the following words. "A new and very highly corrected English translation of Ibn Batuta's Travels in India based on a minute settling of the text after consultation of rare MSS preserved in London, Oxford and Cambridge."

- (d) The proofs of Parmanand Kavya edited by Dr. G. S. Sardesai were read.

The sale proceeds of the books in the Gaekwad's Oriental Series during the year came to Rs. 6,379-10-9.

### 7. Manuscript Section.

The total number of MSS in the possession of the Institute were 14,051. 36 MSS were lent out to different institutions and 2 were borrowed. About 200 MSS were issued to different scholars for work in the premises.

A classified list of Catalogues containing Ramayana MSS and an index of variants according to Sri Rama's Tilaka commentary of Bala-kanda, Ayodhyakanda and Aranyakanda were prepared. The Section also supplied information to many institutions and scholars.

### 8. Printed Book Section.

No. of books on 1-7-1952	14,369
No. written off during the year	123
No. added during the year	377
No. on 30-6-1953	14,623

125 Journals were received in exchange of GOS books and Journal of the Oriental Institute.

Number of books bound and repaired during the year	206
Amount spent on purchase of books	Rs. 1,751- 2- 9
Amount spent for binding	Rs. 249-14- 0
Total amount spent	Rs. 2,001-10- 9

The number of books issued during the year was 1706 and the number of readers was 140.

Besides doing his normal duties of the Section, the Superintendent prepared the concordance of the printed editions of the Valmiki Ramayana, studied the commentary Bhusana of Govindaraja on Ramayana for noting variants, examined several catalogues of MSS on Ramayana and prepared 486 Index cards of Ramayana MSS.

#### 9. Translation Branch.

(i) *Publication series* :—

The Translation Bureau prepared and published books in the following series :—

- 1 Shri Sayajisahityamala
- 2 Shri Sayajibalajnanamala
- 3 Matusri Jamnabai Smarak Granthamala
- 4 Shri Sayajigramvikasamala

(ii) *Publication work* :

In the Sahitya Mala two books (1) *Atmavrttanta* by Kaladipa Chhotalal Narbheram Bhatt (Gujarati) edited by Shri G. H. Bhatt and (2) *Marathi Sahitya chi Ruparekha* (Marathi) by Dr. V. P. Dandekar were published.

"*Bharatiya Samskriti*," by Shri R. V. Desai and "*Ahara Vijnana*" by Dr. J. D. Pathak and Professor A. M. Raval were under preparation for publication.

In the Balajnanamala "*Varadan*" by Shri R. N. Pathak was published.

In the third series, Matusri Jamnabai Smarak Granthamala, further programme of books was under consideration.

In the last series, three books (1) *Gamadu Jagyu Tyare* by Shri R. N. Vora, (2) *Dhora Sudharana ane Dugdha Dohana* by Dr. L. V. Rishi and (3) *Gamada ane Panchayato* by Shri H. M. Trivedi were published.

Two further books "*Aksha nu Sasalu*," "*Kabutar ane Undar*" and "*Kachakachiyo Kachabo*," "*Moorkha Machali*" by Shrimati Maya Mehta were published in "*Shishu Jnanamala*" meant for children of the category of kindergarten schools.

Three lectures delivered under the Maharaja Sayajirao III Golden Jubilee Memorial Lectures Series—(1) *Raga ane Rasa* (Gujarati) by Pandit Omkarnath Thakur, (2) *Gujarati Pingala Navi Drastiye* (Gujarati) by Shri Ramnarayana V. Pathak and (3) *The Postulates of Rural Development* by Shri S. K. Dey, I.C.S. were published during the year.

The sale proceeds of the books in Shri Sayaji Sahityamala and the Balajnanamala came to Rs. 769-13-3, those of the Gramvikasamala to Rs. 204-5-0, those of the Shishujnanamala to Rs. 54-15-0 and those of the publications of the Maharaja Sayajirao III Golden Jubilee Memorial Series to Rs. 87-5-0.

#### 10. Exchange.

The publications of the Gaekwad's Oriental Series were presented to eminent scholars of Indology in India and abroad and to research institutions all over the world. The publications were also exchanged with other learned societies, institutions etc., throughout the world as per the Distribution List of Exchange and Presentation of the Gaekwad's Oriental Series.

#### 11. Ramayana Department.

The Ramayana Department continued to make progress in its work. The Bibliography of the Ramayana MSS of India and abroad was prepared and arranged and the Card Index of all the known Ramayana MSS in the world was arranged. The Ramayana MSS in the Oriental Institute were critically examined. The work of preparing the concordance of the principal printed editions of Ramayana was carried on. In order to commence the collation work on scientific principles after a thorough examination of all the available materials, the Director visited Nepal to take a Micro-film copy of the palm leaf Ramayana MSS. in Nepali script, dated V.S. 1076, the oldest manuscript in the world and of another Paper Ramayana manuscript in Nepali script, dated Newari Samvat 795 (= 1675 A.D.) in the Bir Library of Kathmandu. The Superintendent GOS. Section was deputed to South India etc. to procure on loan the Ramayana MSS. available there. He was able to secure 67 Ramayana MSS.

With a view to expediting the preliminary work of the collation in the Ramayana Department, 19 palm leaf MSS in different scripts viz., Telugu, Tamil, Grantha, Nandi Nagari etc. were examined and their recensions decided.

### 12. Journal of the Oriental Institute. (Quarterly)

During the year under review, three numbers of volume II were published and the fourth was expected to be out in the last week of July. The Journal was highly appreciated by scholars and institutions in India and abroad. Many institutions, societies etc. continued their Exchange relations with the Journal. The number of the subscribers of the Journal was 45. The sale proceeds during the year came to Rs. 802-3-0. The general index of the Journal Vol. I was prepared.

### 13. Publications by the members of the staff.

#### (a) Articles or Papers :—

The following were the publications by the members of the staff during the year 1952-53 :—

Name	Title	Where published with month of publication
1 Shri G. H. Bhatt Director.	Vallabhacarya's Text of the Jaimini Sutra.	Journal of the Oriental Institute, September, 1952.
2 Shri G. H. Bhatt Director.	Annual Festivities.	Akhandananda, October, 1952.
3 Shri G. H. Bhatt Director.	Address as the President of the Section of Archaeology and History.	18th session of the Gujarati Sahitya Parishad Sammelan. December, 1952.
4 Shri G. H. Bhatt Director.	Concept of Dharma.	Janakalyana, January, 1953.
5 Shri G. H. Bhatt Director.	Research in Ramayana.	Akhandananda, March, 1953.
6 Shri G. H. Bhatt, Director.	Chapter on Vallabha.	History of Philosophy, Eastern and Western, sponsored by the Ministry of Education, Government of India, Editorial Board under the Chairmanship of Dr. S. Radhakrishnan, London, 1952.

Name	Title	Where published with month of publication
7 Shri G. H. Bhatt, Director.	Saundarya Padya of Shri Vitthalanathaji with the Sanskrit commentary of Shri Gokulotsavaji—edited and translated into Gujarati.	Vallabhiyasudha, May, 1953. Mathura.
8 Shri J. S. Pade, Superintendent, MSS Section.	Prajapatideva ce Svarupa.	Jnanesvara, November, 1952. Poona.
9 Shri J. S. Pade, Superintendent, MSS Section.	Paniniya Vyakarana va Madhyandina sakhe ci kahni Vaisistye.	Jnanesvara, February, 1953. Poona.
10 Shri J. S. Pade, Superintendent, MSS Section.	Phalajyotisa ca Pramanyavada.	Jyotirbhusana ani Tattva-vicara, March, 1953, Poona.
11 Shri J. S. Pade, Superintendent, MSS Section.	Bhagavat Geeteche Abhipraya.	Jnanesvara, May, 1953, Poona.
12 Shri J. P. Thakar, Superintendent Printed Section.	Veda Sahitya no Vikasa	Akhandananda, February, 1953.
13 Shri J. P. Thakar, Superintendent, Printed Section.	Society as revealed in Hemacandracarya's Trisasti salakapurussacarita. I. 1	Yashovijaya Sarasvata Sastra, March, 1953, Dabhoi.
14 Shri Y. J. Tripathi, Assistant.	Kevaladvaita in Gujarati Poetry.	18th Session of the Gujarati Sahitya Parishad, March, 1953.

#### (b) Books.

Name	Title	Name of the publisher with month of publication
1 Shri G. H. Bhatt, Director	Atmavrttanta by Kaladipa Chhotalal Narbheram Bhatt edited with an introduction and appendices. (Gujarati)	Sayaji Sahitya Mala, No. 314, May, 1953.

### 14. Other important events.

(a) Exhibitions :—During the year the Institute organized the following exhibitions :—

(i) An exhibition was arranged in the Oriental Institute during the University Week Celebrations. It consisted of four sections

*viz.*, (1) Mala Publications, (2) Gaekwad's Oriental Series, (3) Printed Books, and rare and valuable MSS., (4) Picture Gallery of renowned Pandits and Savants of India and abroad. The number of persons who visited the exhibition during the week was 1970.

(ii) Pandit Jawaharlal Nehru, the Prime Minister of India, visited the exhibition of the Oriental Institute arranged in the Faculty of Education and Psychology on the first day of the University Week Celebrations.

(iii) Shri Dinkerrao Desai, the Minister of Law and Education, Bombay State, visited the exhibition of the Institute with the Vice-Chancellor.

(b) *Distinguished Visitors* :—During the year, the following distinguished guests paid a visit to the Institute.

- |   |            |
|---|------------|
| ( i ) Dr. Amaranatha Jha, Chairman, Public Service Commission, U.P.   | 6-10-1952  |
| ( ii ) Shri B. M. Mimaunshi, the Deputy Director of Education, Bombay State, Poona.   | 17-11-1952 |
| ( iii ) Dr. D. N. Wadia, Geological Adviser, the Government of India, Ministry of Natural Resources and Scientific Research, New Delhi. | 18-11-1952 |
| ( iv ) Burmese Delegation, Union of Burma.  | 5-1-1953   |
| ( v ) Dr. Hire, Ministry of Food and Agriculture, New Delhi.  | 20-1-1953  |
| ( vi ) Shri P. G. Shah, M.A., B.Sc., Retired Accountant General, Bombay State.  | 27-1-1953  |
| ( vii ) Professor R. M. Sinha, Nagpur Mahavidyalaya, Nagpur.  | 4-3-1953   |
| ( viii ) Professor Hariharanath Tandon, Head of the Hindi Department, Agra University, Agra.  | 11-5-1953  |
| ( ix ) Shrimati Nirmala Joshi, Secretary, Sangit Natak Akadami, Delhi.  | 11-5-1953  |

#### 15. Department of Chronology of Gujarat.

A scheme for the compilation of the Chronology of Gujarat from the earliest period to 1947 A.D. (the year of Indian Independence) in three volumes in English as well as Gujarati (Devnagari Script) was approved under Syndicate Resolution No. 30 (19) dated 20-9-1952. The scheme was to be completed in three years. A separate department for the scheme was

started in the Oriental Institute from 1st November, 1952, with Dr. M. R. Majmudar, M.A., PH.D. a retired Senior Lecturer in Gujarati as the General Editor. Professor K. H. Kamdar and Pandit L. B. Gandhi were also appointed on the Editorial Committee. As the latter two, showed their unwillingness to work on the Committee, the original plan of having three volumes was slightly modified and it was decided to have each volume prepared by a group of source-wise contributors. Dr. A. N. Jani, M.A., PH.D. Kavya Tirtha, Senior Lecturer in Sanskrit, Maharaja Sayajirao University, Professor H. R. Kapadia, M.A., retired Professor of Ardha Magadhi, M. T. B. College, Surat, Dr. H. G. Shastri, M.A., PH.D., Professor of Epigraphy, Gujarat Vidya Sabha, Ahmedabad and Shri A. V. Pandya of the Institute of Archæology, Vallabh Vidyanagar, Anand, agreed to be the contributors for the first volume, which is to cover the period, 400 B.C. to the end of the Chavda rule in 943 A.D. Preliminary work like printing specimen blank forms for recording dates and events and maintaining bibliography of books or articles referred to and cards for typing out the MSS. etc. was done. The editing work of Volume I was divided source-wise between the General Editor and the four contributors as follows :—

<i>Name of the Source</i>	
1. Brahmanical Literature	Dr. A. N. Jani
2. Jain Literature	Professor H. R. Kapadia
3. Buddhist Literature	} Dr. M. R. Majmudar
4. Records of Foreign Travellers	
5. Art (including Architecture, Sculpture, Bronzes, Paintings etc.)	
6. Epigraphy and Numismatics	Dr. H. G. Shastri
7. Archæology and Ancient Geography	Shri A. V. Pandya

The General Editor commenced work on preparing a bibliography of books and articles bearing on Gujarat Chronology. In order to collect material from hitherto untapped sources, one of the contributors, Shri A. V. Pandya went to Bombay to collect data about his work from the Bombay Branch of the Royal Asiatic Society Library, the Bombay University Library, the Prince of Wales Museum Library and the Cama Oriental Research Institute Library. The General Editor, in connection with Art Chronology, visited the temple of Samalaji, 30 miles away from Idar, and the collection of sculptures of pre-Solanki period excavated from the ruins

of the famous Somnath temple at Prabhas Patan. An album of enlarged photo-prints of sculpture from both these places was prepared with descriptive notes. A draft specimen page, representative of the concept of Chronology was prepared for consideration by the contributors. The General Editor was invited to deliver the Thakkar VasANJI Madhavji Lectures by the Bombay University for the current year. He is also appointed as a member of the Bombay State Board of Historical Records and Ancient Monuments for a period of three years from 1953. He was appointed as the Secretary for Fine Arts and Technical Sciences Section at the All India Oriental Conference which was held at Ahmedabad in October 1953.

## CHAPTER XIX—THE UNIVERSITY LIBRARY

### 1. Book-stock.

The total number of books on 30th June, 1952 was 26,913. To this stock were added 2,199 books purchased at the cost of Rs. 16,634-2-3. The University Library received as gift 118 books from the United States Information Services, Bombay. These books were on several key fields such as History, Biography, Literature, Arts, Philosophy, Religion, Economics, Sociology and Medicine, including four volumes of Album of American History and six Volumes of Dictionary of American History which are of particular reference value. Similarly, the Library received as gift 102 books from the personal library of Lady Dhanwanta Mehta through the Vice-Chancellor. These books belonging to the personal collection of the late Sir Manubhai Mehta is very rich in documents of Constitutional History and were of great use to the research students. 249 books on various subjects were transferred from the Board of Studies Section of the University Office to the University Library. Moreover, 64 books were received as gift from some members of the University staff, library readers, authors and institutions. Thus, the total number of books acquired by the Library during the year under report was 2,732.

From the University Library, books of U.P. Ayurvedic College, Patan, were transferred to the Sheth U.P. Ayurvedic Research Unit working in the Medical College, Baroda. These books were received by the Library during the year 1949-50. The total number of books transferred to the Unit was 1,715.

The total number of books, therefore, on 30th June, 1953, was 27,930.

### 2. Periodicals.

115 periodicals were subscribed to for the year and 42 periodicals were received as gift. The gift periodicals were mainly received through the Vice-Chancellor, University Institutions and other Universities. The total number of periodicals, therefore, was 157. The number of books and periodicals in the library purchased during the year and the expenditure incurred on that account were as follows :—

( i )	Number of periodicals subscribed to during the year	115
( ii )	Total amount spent on periodicals	Rs. 3,073-2-0

(iii) Total number of books purchased during the year	2,199
(iv) Total amount spent on books	Rs. 16,634- 2-3
(v) Total amount spent on binding, repairing, etc. of books and periodicals	Rs. 271-10-0
(vi) Total number of books in the library	27,930

### 3. Lending service.

Last year, the library was open from 1-0 p. m. to 7-0 p. m. from 4th September, 1952. The hours were extended and the library remained open from 8-0 a. m. to 8-0 p. m. giving more facilities to those who wished to read on the premises. Hours for lending books for reading at home were 3-0 p. m. to 7-0 p. m. In response to the requests from the research, post-graduate and other students, the library was kept open even on Sundays and holidays during the examination months (February to May, 1953.)

Quarterly acquisition lists and monthly reports on the visits of readers were prepared and sent to the Faculties and Institutions for ready reference and guidance. So far, nine acquisition lists were supplied to the University Institutions.

As in previous years, the University Library obtained on loan for its research students rare and out-of-print books, and reports from other Institutions and Agencies. Much help and co-operation was received from the National Central Library, London, Bombay University School of Economics and Sociology, University Library, Bombay and others.

### 4. Miniature Library U.S.I.S.

The United States Information Services, Bombay, have made available their Miniature Library for the use of the library readers. The collection was a comprehensive one and included books on Historical accounts, Philosophy, Science, Drama, Self-Improvement, Semantics, Poetry and Humour. Under the scheme, each borrower was placed on his honour system and was issued one book at a time. The Library continued to be a source of pleasure and knowledge to the readers in general.

### 5. Statistics of readers and circulation.

The number of readers registered during the year belonged to the following categories:—

1. Research students
2. Post-graduate students

7

53

3. Under-graduate students	875
4. University teachers	91
5. Others	70
	-----
	1,096

Visits of readers in the reading-room according to categories:—

1. Research students	114
2. Post-graduate students	536
3. Under-graduate students	623
4. University teachers	67
5. Others	7
	-----
Total	1,347

1. Average number of readers visiting the periodical room per day	50
2. Average number of books issued per day	40
3. Total number of books issued during the year	10,000
4. Total number of readers enrolled	1,006
5. Readers on premises.	1,347

### 6. Staff.

In the beginning of the year, the library staff consisted of one Assistant Librarian, three Library Assistants, four Clerks, one Attender and two peons. From 4th September, 1952, there was an addition of one Library Assistant, one Library Clerk, one Attender and one Peon.

### 7. Other important events.

1. Shri C. P. Shukla, the permanent Assistant Librarian continued to be on leave for further studies in the United States and Shri K. S. Yagnik of the Faculty of Education and Psychology continued as I/C Assistant Librarian.

2. The following distinguished visitors visited the library during the year:—

- (i) Shri Dinkarrao Desai, Education Minister, Government of Bombay.
- (ii) Miss G. S. M. de Montmorancy, UNESCO Scholar.
- (iii) Mr. S. E. Hodgson, The Administrative Officer, British Council, Bombay.

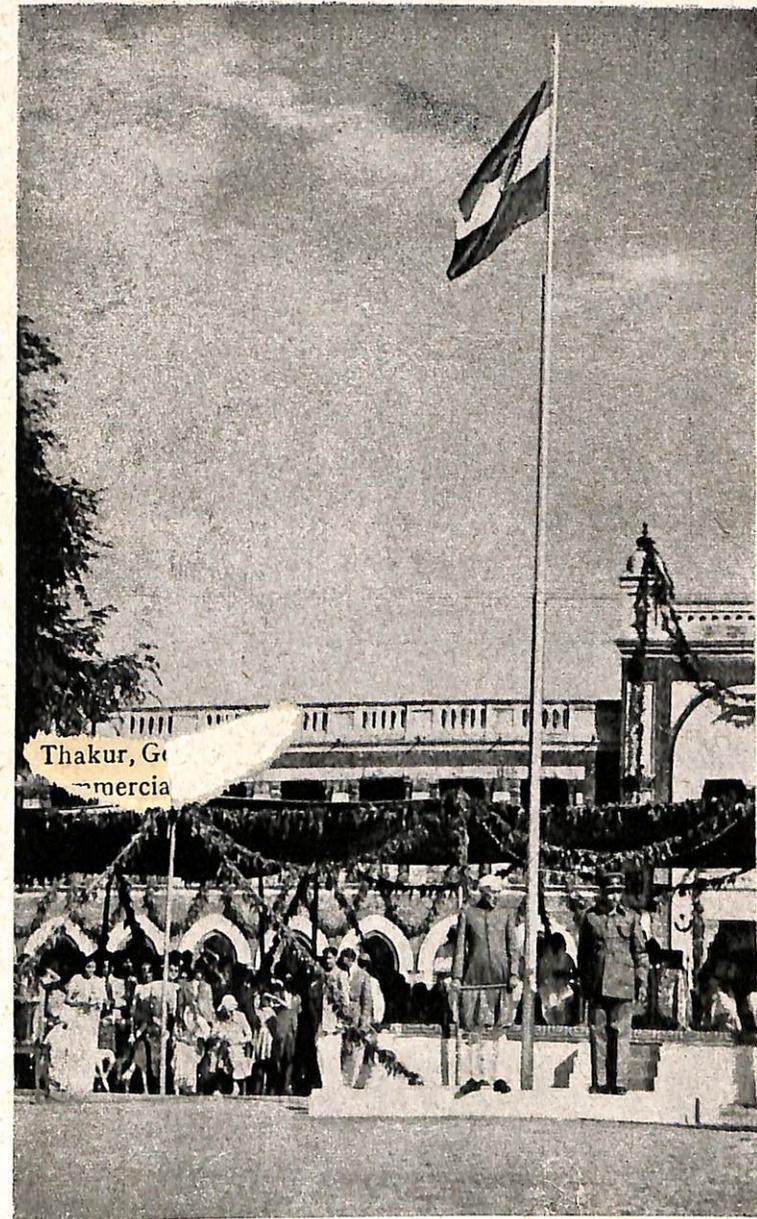
## CHAPTER XX — THE UNIVERSITY UNION

### 1. Executive Committee.

With the opening of the academic year 1952-53, Shri G. B. Pandya, Dean, Faculty of Arts, was appointed as the President of the Maharaja Sayajirao University Union and Shrimati Indira Bhanot continued as the Treasurer.

Shri G. B. Pandya took keen interest in the Union activities but found it inconvenient owing to other duties to continue in the office of President. Consequently he resigned the Presidentship of the Union in the month of September, 1952. Shri V. Y. Katak was appointed as President in his place. As required by the constitution of the Union the elections of the office-bearers were duly held and the Executive Committee of the Union for the year consisted of the following members :—

1 Shri V. Y. Katak	President
2 Shrimati Indira Bhanot	Treasurer
3 Shri Sunder T. Khushalani	General Secretary
4 Shri M. M. Amin	Vice-President
5 Shri B. J. Vasoya	Joint Secretary
6 Shri C. M. Sheth	Secretary, Reading-room & Library
7 Shri R. M. Patel	Secretary, Indoor Games
8 Shri Ashok Dev	Secretary, Debating Society
9 Shri R. C. Patel	Representative Faculty of Arts
10 Shri S. P. Pathak	Representative Faculty of Science
11 Shri B. M. Patel	Representative Faculty of Science
12 Shri R. S. Thakar	Representative Faculty of Education & Psychology.
13 Shri U. M. Patel	Representative Faculty of Commerce
14 Shri D. T. Contractor	Representative Faculty of Medicine
15 Shri V. P. Kamdar	Representative Faculty of Technology
16 Shri R. G. Gilotra	Representative Faculty of Technology
17 Shri A. B. Shah	Representative Faculty of Fine Arts
18 Miss Y. F. Morenas	Representative Faculty of Home Science
19 Shri B. R. Bhatt	Representative Faculty of Social Work
20 Shri J. A. Pandya	Representative Intermediate College
21 Shri Bhailalbai Contractor	} Nominated by the University.
22 Dr. Thakorbbhai V. Patel	
23 Miss Meera Thakore	
24 Miss Nargis N. Katpitia	



Pandit Nehru at the Mass Rally : 7-12-1952

In the middle of the year the Vice-President of the Union and the Secretary of the Debating Society were sent away from the University and consequently they ceased to be the members of the Executive Committee also. The post of the Vice-President was left vacant, and the post of the Secretary Debating Society was filled by appointment.

The total number of meetings of the Executive Committee held during the year was nine. One meeting of the General Body was held to pass the Union Budget.

The Executive Committee formed various Sub-Committees. The following statement shows the work done by the respective Committees during the year.

## 2. Public Lectures and National Day Celebration Committee.

The following celebrations and public lectures were arranged by the Committee during the year :—

<i>Name of the lecturer or celebration</i>	<i>Date, time and place</i>
1 Shri Ambubhai Purani on "Education and University."	1st July, 1952 at 3-30 p. m. in Room No. 1, Faculty of Arts.
2 Lokmanya Tilak Jayanti.	1st August, 1952, at 6-0 p. m. in Baroda College Central Hall.
3 Tagore Anniversary Day.	7th August, 1952, at 5-0 p. m. in Room No. 1, Faculty of Arts.
4 Shri B. T. Thakur, General Manager, United Commercial Bank on "Higher Standard of Living".	8th August, 1952 at 3-30 p. m. in Room No. 1, Faculty of Arts
5 Independence Day.	15th August, 1952.
6 Gandhi Jayanti Day Bhajans were arranged and Shri C. J. Sutaria gave a talk on the life of Gandhiji.	2nd October, 1952, in the Union premises.
7 Shri Kedarnathji's talk to the students.	8th December, 1952, at 2-0 p. m. in Room No. 1, Faculty of Arts.
8 Shri Yashwant P. Shukla on "Achievements of New China".	15th December, 1952, at 3-30 p. m. in Room No. 1, Faculty of Arts.
9 Republic Day. Unfurling of the National Flag by H. H. The Chancellor of the University.	26th January, 1953, at 8-30 a. m. in the Union premises.
10 Shri Algurayaji Shastri and Shri Vaidyanathji Shastri on "Our Ancient system of Education"	13th February, 1953, at 5-15 p. m. in the Union premises.
11 Mahatma Gandhi Anniversary Day.	30th January, 1953, in Room No. 1, Faculty of Arts,

ig-room & r Game

### 3. Reading-room and Library Committee.

This year the Union Library and Reading-room were enriched with new periodicals and interesting literature. Many periodicals representing a variety of cultural, social and political outlook were added to the reading-room, and some periodicals, found superfluous, were dropped. In all the Union subscribed for 65 papers and magazines.

Many new books on interesting and useful subjects were added to the Library. In all 250 Hindi, Gujarati and English books were purchased during the year. Three sets of books— 10 in each set—were received from the United States Information Services, out of which 2 sets have been kept in the Union and the books of one set were in circulation among the various Faculties. The total number of books in the Union library stood at 536. A number of painted boards, containing interesting quotations and words of wisdom by well-known writers were fixed on the walls of the reading-room.

### 4. United Nations' Society.

This Committee remained very active this year. Many lectures of students and members of the staff were arranged. An essay competition was also arranged, and prizes were awarded to the first two successful students. The Committee celebrated "The Fourth Anniversary of the Universal Declaration of Human Rights." The programme included (i) Cycle procession (ii) Exhibition showing the evolution of Human Rights (iii) Exhibition of films (iv) Public lectures (v) Radio talk by the Vice-Chancellor. On this occasion an encouraging message was received from Mrs. Freda Laski. On this day a sum of Rs. 77-3-6 only was collected from the students by voluntary contribution and it was sent to the United Nations International Children's Emergency Fund. Contact was also maintained with the central office of the U.N.S.A. at Delhi by exchanging ideas and programmes with them. Shri Dinesh Hathi, attended the session of the U.N.S.A. Executive Committee at Delhi as a representative of the Union.

### 5. Variety Entertainment Committee.

- (i) A programme of songs, dances and a One-Act play was arranged on 15th August, 1952.
- (ii) A very interesting programme of magic tricks was arranged at Chameli Bag.

- (iii) A variety entertainment programme of Dance, Garba, Songs and short plays (A scene from George Bernard Shaw's. 'A Man of Destiny' in English and a piece from "Jugal Jugari" in Gujarati) was also arranged in the Nyaya Mandir on 26th January, 1953 to celebrate the Republic Day.

### 6. Debating Society.

The following debates were arranged during the year :—

#### (i) Rotary Club Debates :—

The Debating Society arranged three extempore elocution competitions on behalf of the Rotary Club of Baroda.

- (a) Competition in Marathi for High School students.
- (b) Competition in Gujarati for High School students.
- (c) Competition in English for College students.

The Rotary Club awarded two prizes for the first two best speakers in each of these competitions.

#### (ii) M. N. Wadia Memorial Trophy Debate (Inter-Collegiate Debate) :—

This debate was held on 9-12-1952 as a part of the University Week Celebrations. The trophy was won by the Medical College.

#### (iii) British Council Debate :—

The unique feature of this year's activities was the British Council debate on 9-1-1953 when the University team of five students competed with the British Council team consisting of three students from different Universities in the United Kingdom. It was a lively occasion and there was a fine display of humour. In addition to the debate, the students came in close contact with the visiting students during the following fixtures :—

- (a) Tea with them at Chameli Bag.
- (b) Questions and answers meeting at Chameli Bag.
- (c) Tea at Women's Hostel.
- (d) Dinner at the Men's Hostel.

(iv) Two trial debates were also arranged to select the University team for the British Council debate.

(v) The Society also arranged four extempore elocution competitions in English, Gujarati, Marathi, and Hindi on 24th & 25th of January, 1953.

The first two successful candidates in each competition were awarded prizes.

### 7. Film Club.

This has become one of the popular activities of the Union. The Club was reorganised and was very popular. Informative, educational and entertaining films were shown as given below :—

- |                                  |   |   |
|----------------------------------|---|---|
| 1. Saturday, 15th November, 1952 | 1. This is Britain, Love of Books (English) | British Information Services                            |
|                                  | 2. Camp Schools (English)                   | British Information Services                            |
|                                  | 3. Family Portrait (English)                | British Information Services                            |
| 2. Thursday, 20th Novemcer, 1952 | 1. Glimpses of Gandhiji (Hindi)             | Films Division, Ministry of Information & Broadcasting. |
|                                  | 2. Cave Temples of India (Hindi)            | Films Division Ministry of Information & Broadcasting.  |
|                                  | 3. Yoga For Health (Hindi)                  | British Information Services, Bombay.                   |
|                                  | 4. Fair Country of Ayr (Hindi)              | British Information Services, Bombay.                   |
| 3. Friday, 28th November, 1952.  | 1. Debate Continues (Hindi)                 | British Information Services, Bombay.                   |
|                                  | 2. Operation Kashmir (Hindi)                | British Information Services, Bombay.                   |
|                                  | 3. Rajasthan Series II (Hindi)              | Films Division, Bombay.                                 |
|                                  | 4. Research Aids Industry. (Hindi)          | Films Division, Bombay.                                 |
| 4. Sunday, 14th December 1952.   | Stone Flower (English)                      | Education Department, Government of Bombay.             |
| 5. Monday, 15th December 1952    | 1. Public Schools of India (Hindi)          | Films Division, Bombay.                                 |
|                                  | 2. Choose your Career (Hindi)               | Films Division, Bombay.                                 |
|                                  | 3. Basic Education (Hindi)                  | Films Division, Bombay.                                 |
|                                  | 4. Made from Mica (Hindi)                   | Films Division, Bombay.                                 |
| 6. Thursday, 5th February, 1953. | 1. Panditiji in Baroda. (Hindi)             | Prabhat Art Studio, Baroda.                             |
|                                  | 2. Capital City (English)                   | British Information Services, Bombay.                   |
|                                  | 3. Wing to Wing (English)                   | British Information Services, Bombay.                   |
|                                  | 4. Planned Town (English)                   | British Information Services, Bombay.                   |
|                                  | 5. Local Newspapers (English)               | British Information Services, Bombay.                   |

### 8. Canteen Committee.

Last year's canteen arrangements were continued. Whenever receptions to guests were arranged this Committee looked after the catering.

### 9. Social Service League.

The Social Service League aims at creating an aptitude for social service in the students of the University.

In the first meeting, the Committee chalked out the following programme for the year :—

- (a) To open a students' lending library in order to help needy students.
- (b) To give financial aid to the poor students.
- (c) To give free medical aid to the poor students.
- (d) To start night classes with two main objects ;—*viz.*,
  - (i) to educate labourers and such other persons who are busy during the day time, at a nominal charge
  - (ii) to help needy students to find employment.

To implement the first objective the League started a Students' Lending Library and supplied college text-books worth Rs. 2,200/- to seventy students of this University.

This year's collection drive of 15th August was more successful than those of the previous years as Rs. 450/- were collected within two hours.

Back numbers of periodicals received in the Union are sent to the Sayaji General Hospital as reading matter to be distributed among patients.

### 10. M. S. University Union Co-operative Stores Ltd.

The Stores supplied to the students of the University, books, notebooks and articles of stationery, at reasonable rates. This year, the Managing Committee added a number of items of the daily requirements of students, in particular, articles such as soaps, tea, blades, ink etc. This year, a student was appointed as salesman and the management tried to keep the Stores open for all the working hours.

### 11. Games Committee.

This year the University Badminton team was sent to participate in the Inter-University Badminton tournaments held at Nagpur. The annual games competitions were held as usual, with an additional features of the game of Bridge. The prize distribution took place at the hands of

H. H. Maharaja Fatehsinh Gaekwad of Baroda, the Chancellor of the University.

Shri B. K. Zutshi, Registrar, of the University presented "The Professor A. R. Wadia Trophy for Badminton" to be awarded to the winner of the Inter-Faculty tournament. As the trophy was received late it was decided to hold the tournament early next year.

#### 12. Magazine Committee.

This Committee held a Folk-Songs, Folk-Tales, and Riddles Competition. The first two winners in each competition were awarded prizes and their contributions published in this year's issue of the Union Magazine.

Another important change was effected by printing the Committee reports in a separate Bulletin. The Magazine contained literary and critical articles and the Bulletin reported the detailed activities of the Union.

#### 13. Some new features of this year's activities.

##### (a) *The Discussion Group:*

This Group was started with the aim of providing a training ground for speakers. Beginners who did not wish to take part in the general debates took part in these round table discussions, where important problems were discussed from time to time.

##### (b) *Hiking Club:*—

This Club was started with the object of creating interest in the students for mounteering and excursions on foot. The Club arranged hikes to Pavagarh, Ajwa and Mount Abu.

##### (c) *Suggestion Book:*—

In order to consider suggestions or complaints from the students regarding the working of the Union, a Suggestion Book was kept in the Union office. Students put down their suggestions and complaints in it, and they were regularly attended to. This proved very useful for the smooth running of the Union.

#### 14. Purchase of new equipment.

During the year under report the following equipment was added to the Union:—

- (1) A 16 MM Cine Projector with an attached Record Player for the Film Club.

- (2) Public Address System (Mike, etc.) for public lectures. This obviated the necessity of hiring mikes.
- (3) Steel cupboards for storing Union properties and for library books.
- (4) Carpet for squatting. This saved the heavy rents that were paid for hired materials.
- (5) A time-piece and a table cloth which was specially prepared for us by the Faculty of Home Science.

#### 15. Representation of the Union on University Committees

The following members were deputed by the Union to various Committees:—

##### (a) *The University Board of Sports:*—

- (i) Shri R. M. Patel
- (ii) Shri Ashok Dev

##### (b) *Students Welfare Board:*—

- (i) Shri S. T. Khushalani
- (ii) Shri Mahesh M. Amin
- (iii) Shrimati Y. F. Morenas

#### 16. General remarks.

With the increased efforts made by this year's Committee, the Union has now become very popular amongst the students. The number of students who attended the Union this year was at least twice the number for previous years. There has been a proportionate increase in the number of women students who visit the Union. A larger number of teachers were also coopted on the various Sub-Committees of the Union.

Besides this, the Union took a keen interest in all the activities of the University and cooperated in all the arrangements for the University Annual Convocation and the University Week Celebrations. The Union also made sincere efforts to maintain discipline in students and to promote goodwill between students and teachers.

The following statement shows the Income and Expenditure of the Union during the year under report:—

**Statement showing the Income and Expenditure of the  
Maharaja Sayajirao University Union, Baroda for  
the year 1952-53 ( ending May, 1953 )**

Credit Side	Rs. As. Ps.	Debit Side	Rs. As. Ps.
1. Last year's Balance	8594-12-1	1. Salary	4,861- 0-0
2. Tournament fees	144- 8-0	2. Electricity bills	753- 9-9
3. Debating	10-10-6	3. Games	1,282-14-9
4. N.U.S.	207- 0-0	4. Badminton bills	1,785- 2-9
5. Magazines	905- 0-0	5. Reading room	1,130- 5-0
6. Poor Boy's collection from public	440-14-0	6. Library	591- 4-6
7. Union Fee	19,925- 0-0	7. Printing	396-12-0
8. Pagi's rent	60- 0-0	8. Stationery	191- 6-6
9. Sale of Constitution	1- 8-0	9. Postage	105- 3-9
10. University grant	1,000- 0-0	10. Variety entertainment	347- 6-6
11. Interest from bank	45-15-0	11. Cinema show	269-13-0
12. Flag Day contribution	7- 6-9	12. Debating	141- 6-6
13. T.B. Seals proceeds	18-10-0	13. N.U.S.	671-11-3
14. Central Hall's rent from R.M.S. club	20- 0-0	14. Union functions	387-12-0
15. Provident Fund amount of Shri Y. N. Dave	55- 0-0	15. Magazine	4,583-10-0
16. Deposits from Co-ope- rative Stores of the Union	753- 0-0	16. Social Service League	4-11-0
17. Independence Day Essay Prize	50- 0-0	17. Furniture, ( Projector, Microphone, Steel, Cupboards, Carpets, etc.)	5,305- 8-0
18. Badminton bills	2,000- 0-0	18. Telephone	288- 0-0
19. Collection made on the Human Right's Day for U.N.I.C.E.F.	77- 3-6	19. Auditor's fee	100- 0-0
20. Deposits for Poor Boy's Library books	375-10-0	20. Miscellaneous expenditure	282- 9-6
21. Deposit from R.M.S. Club for using the Baroda College Central Hall	50- 0-0	21. Hiking Club	25- 0-0
22. Lease of the land of Chameli Bag	40- 0-0	22. Poor Boy's Library books	2,030-14-6
23. Sale of newspapers	54-13-0	23. Union fee (refunded)	195- 0-0
		24. Paid to Co-operative Stores of the Union	1,708- 6-3
		25. Paid Independence Day Essay Prizes of last year and this year	200- 0-0
		26. Provident Fund Amount of Shri Y. N. Dave con- tributed by him	55- 0-0
		27. Provident Fund amount of Shri Y. N. Dave con- tributed by the Union	55- 0-0

28. Paid to the University being the amount realis- ed from the lease of the land of Chameli Bag	40- 0-0
29. Refunded the Deposit from R.M.S. taken in ad- vance for using Baroda College Central Hall	50- 0-0
30. Collection paid to U.N.I. C.E.F. made on Human Right's Day	77- 3-6
31. Paid proceeds of T.B. Seals to the Supdt., S. P. Sanatorium, Baroda	23- 2-0
32. Paid to the Collector, Baroda District Flag- Day Contribution	7- 6-9
33. Refunded deposits of Poor Boy's Library books	113- 0-6
<b>Total</b>	<b>28,060- 6-3</b>
<b>Balance</b>	<b>6,776- 8-7</b>
<b>Total</b>	<b>34,836-14-10</b>

## CHAPTER XXI—VISITS, LECTURES AND DEPUTATIONS

## 1 Visits.

The following distinguished persons visited the University during the year :—

(i) Dr. Amaranatha Jha, Chairman, Public Service Commission, U.P. was invited by the University to address the graduates at the Second Annual Convocation of the University held on 4th October 1952. He arrived in Baroda on the 3rd of October, 1952 and stayed for 4 days. Besides delivering a learned and thought provoking speech at the Annual Convocation, he attended several functions and gave a general address to the students of the University.

(ii) Pandit Jawaharlal Nehru, Prime Minister of India, inaugurated the University Week which was held from 7th to 12th December, 1952. He arrived in Baroda by plane on the morning of the 7th December, 1952 and left in the afternoon. Pandit Nehru delivered an inspiring speech which was listened to by the students and the staff of the University with rapt attention. He also visited the Faculties of Fine Arts, Home Science and Education and Psychology.

(iii) Shri Dinkarrao Desai, Minister for Education, Government of Bombay, performed the opening ceremony of the new building of the Faculty of Home Science on the 8th December, 1952. He also visited the Faculties of Fine Arts, Education and Psychology and the Oriental Institute.

(iv) Members of the Secondary Education Commission visited Baroda on the 12th February, 1953. The interviews with the Commission were held in the Faculty of Education and Psychology. The members also visited the Faculties of Home Science and Fine Arts.

(v) Rajkumari Amrit Kaur, Minister of Health, Government of India, came to Baroda for the inauguration of a new plant in the Sarabhai Chemicals Ltd., Baroda on 29th March, 1953. She visited, on this day, the Faculties of Medicine, Fine Arts and Home Science.

(vi) Shri Morarji Desai, Chief Minister of the Government of Bombay, inaugurated the new course of studies leading to the degree of B. Text. (Engineering) on 22nd June, 1953.

## 2. University extension and other lectures.

(i) The following lectures were delivered under the auspices of the University during the period from 1st July, 1952 to 30th June, 1953 :—

S. No.	Date of the Lecture	Name of the Lecturer	Subject
1	2	3	4
1	18th July, 1952	Dr. Jay Saunders Reading	Myths about Negroes
2	6th August, 1952	Dr. Edward Golway	Society and the Problem Child
3	19th August, 1952	Mr. S. E. Hodgson	Activities of the British Council in India
4	6th October, 1952	Dr. Amaranatha Jha	General Address to Students
5 (1)	18th November, 1952	Dr. Alfred G. Fisk	Indo-American Relations
(2)	19th November, 1952	Dr. Alfred G. Fisk	Trends in Contemporary American Philosophy
(3)	20th November, 1952	Dr. Alfred G. Fisk	Marriage and Education—A Modern View
6	14th December, 1952	Dr. S. Paramasivan	The Fresco and Mural Paintings
7 (1)	12th January, 1953	Dr. A. R. Sunder Rajan	Importance of Nutrition Education in India
(2)	13th January, 1953	Dr. A. R. Sunder Rajan	Present Status of Nutrition Research, its Problems and Importance of Nutrition in present food shortage
(3)	14th January, 1953	Dr. A. R. Sunder Rajan	Common Deficiency—Diseases and their treatment by diet. Importance of Dietetics in Health and Diseases.
(4)	15th January, 1953	Dr. A. R. Sunder Rajan	Nutrition Education
8	22nd January, 1953	Mr. Charles Wilmot	Local Government in Britain
9 (1)	29th January, 1953	Shri Ramkinkar Baij	Composition

S. No.	Date of the Lecture	Name of the Lecturer	Subject
1	2	3	4
(2)	30th January, 1953	Shri Ramkinkar Baij	Portraiture
10 (1)	30th January, 1953	Shri F. S. Chothia	Vocational Guidance—the choice of a career
(2)	31st January, 1953	Shri F. S. Chothia	Aptitude Testing
11 (1)	2nd February, 1953	Dr. V.K.R.V. Rao	Indian Five Year Plan
(2)	3rd February, 1953	Dr. V.K.R.V. Rao	
(3)	4th February, 1953	Dr. V.K.R.V. Rao	
(4)	5th February, 1953	Dr. V.K.R.V. Rao	
(5)	4th February, 1953	Dr. V.K.R.V. Rao	
12 (1)	6th February, 1953	Dr. A. B. Cook	Nutritional Deficiency
(2)	13th February, 1953	Dr. A. B. Cook	Diseases of Gujarat
(3)	17th February, 1953	Dr. A. B. Cook	Pitfalls in Surgery
(4)	20th February, 1953	Dr. A. B. Cook	Commonsense Psychology
13 (1)	11th February, 1953	Maharaj Kumar Dharmasinhji of Bhavnagar	The Study and Preservation of Wild Life of India. Recent experiences of Museums and Zoological Garden in Europe

(ii) Under the auspices of Shri Sayajirao Gaekwad Honorarium Lecture Series, Dr. D. N. Wadia, Geological Adviser to the Government of India, Ministry of Natural Resources and Scientific Research, New Delhi, delivered a course of six lectures in English on 'The Geology and Mineral Resources of India with reference to Gujarat and Bombay State' on 15th, 16th, 17th, 18th, 19th and 20th November, 1952.

(iii) Under the auspices of The Maharaja Sayajirao III Golden Jubilee Memorial Lecture Series, Shri S. K. Dey, I.C.S., Development Commissioner, Government of West Bengal, Calcutta, delivered a course of two lectures in English on "The Postulates of Rural Development" on 10th and 11th February, 1953.

### 3. Delegation to Conferences.

The following members of the University staff were deputed to attend the conferences shown against their names as delegates of the University during the year under report :—

1. Dr. (Miss) Leela Desai  
Faculty of Home Science. All India Home Economics Conference at Madras, 19-9-1952 to 26-9-1952.
2. Shrimati Surjeet Chopra  
Faculty of Home Science. All India Home Economics Conference at Madras, 19-9-1952 to 26-9-1952.
3. Dr. V. P. Dandekar  
Faculty of Arts. 35th Session of the Maharashtra Sahitya Sammelan, Amalner, 12-10-1952 to 14-10-1952.
4. Shri C. S. Patel  
Faculty of Arts. Gujarati Professors' Conference, Bombay, 25/26-10-1952.
5. Shri H. C. Mehta  
Sanskrit Mahavidyalya. 2nd session of the Sanskrit Vishva Parishad at Benaras, 15/16-11-1952.
6. Professor S. Chandrasekhar  
Faculty of Arts. 3rd International Conference on Planned Parenthood, Bombay, 24-11-1952 to 29-11-1952.
7. Shrimati A. K. Menon  
Faculty of Social Work. 3rd International Conference on Planned Parenthood, Bombay, 24-11-1952 to 29-11-1952.
8. Dr. (Miss) P. Vakharia  
Faculty of Social Work. International Study Conference on Child Welfare, Bombay, 3-12-1952 to 12-12-1952.
9. Shrimati Amita Mehta  
Chetan Balwadi. International Study Conference on Child Welfare, Bombay, 5-12-1952.
10. Dr. (Miss) P. Vakharia  
Faculty of Social Work. International Conference of Social Work, Madras, 14-12-1952 to 19-12-1952.
11. Shri C. H. Khadilkar  
Faculty of Technology, (including Engineering). The Symposium on Scientific Subjects, Delhi, 21-12-1952 to 26-12-1952.
12. Shri H. C. Malkani  
Faculty of Arts. Indian Economics Conference, Trivandrum, 22-12-1952 to 24-12-1952.
13. Shri K. S. Desai  
Faculty of Arts. 15th Indian Political Science Conference, Aligarh, 25-12-1952 to 27-12-1952.

14. Dr. D. V. Gogate  
Faculty of Science  
18th Annual Meeting of the Indian Academy of Sciences, Trivendrum. 26-12-1952 to 29-12-1952.
15. Shri D. M. Patel  
Faculty of Arts  
Indian Philosophical Congress, Mysore, 27-12-1952 to 30-12-1952.
16. Dr. A. G. Javadekar  
Faculty of Arts  
Indian Philosophical Congress, Mysore, 27-12-1952 to 30-12-1952.
17. Dr. G. N. Kaul  
Faculty of Education and Psychology  
27th All India Educational Conference, Nagpur, 27-12-1952 to 31-12-1952.
18. Professor B. J. Sandesara  
Faculty of Arts  
18th Gujarati Sahitya Parishad Sammelan, Navsari, 28-12-1952 to 30-12-1952.
19. Shri C. S. Patel  
Faculty of Arts  
18th Gujarati Sahitya Parishad Sammelan, Navsari, 28-12-1952 to 30-12-1952.
20. Shri G. H. Bhatt  
Oriental Institute  
18th Gujarati Sahitya Parishad Sammelan, Navsari, 28-12-1952 to 30-12-1952.
21. Professor C. S. Patel  
Faculty of Science  
Indian Science Congress, Lucknow, 2-1-1953 to 8-1-1953.
22. Dr. S. M. Sethna  
Faculty of Science  
Indian Science Congress, Lucknow, 2-1-1953 to 8-1-1953.
23. Dr. D. V. Gogate  
Faculty of Science  
Indian Science Congress, Lucknow, 2-1-1953 to 8-1-1953.
24. Dr. A. R. Chavan  
Faculty of Science  
Indian Science Congress, Lucknow, 2-1-1953 to 8-1-1953.
25. Dr. J. C. George  
Faculty of Science  
Indian Science Congress, Lucknow, 2-1-1953 to 8-1-1953.
26. Dr. N. M. Bhatt  
Faculty of Science  
Indian Science Congress, Lucknow, 2-1-1953 to 8-1-1953.
27. Shri T. P. Lele  
Faculty of Education and Psychology  
Indian Science Congress, Lucknow, 2-1-1953 to 8-1-1953.
28. Shri L. J. Bhatt  
Faculty of Education and Psychology  
Indian Science Congress, Lucknow, 2-1-1953 to 8-1-1953.
29. Professor J. D. Pathak  
Faculty of Medicine  
Indian Science Congress, Lucknow, 2-1-1953 to 8-1-1953.
30. Dr. S. M. Sen  
Faculty of Technology, (including Engineering)  
Indian Science Congress, Lucknow, 2-1-1953 to 8-1-1953.

31. Shrimati V. A. Janaki  
Faculty of Arts  
Indian Science Congress, Lucknow, 2-1-1953 to 8-1-1953.
32. Professor M. N. Srinivas  
Faculty of Arts  
2nd Gujarat Research Workers' Conference, Ahmedabad, 24-1-1953 to 26-1-1953.
33. Shri V. Y. Surendranath  
Faculty of Arts  
2nd Gujarat Research Workers' Conference, Ahmedabad, 24-1-1953 to 26-1-1953.
34. Shri H. R. Trivedi  
Faculty of Arts  
2nd Gujarat Research Workers' Conference, Ahmedabad, 24-1-1953 to 26-1-1953.
35. Dr. B. Subbarao  
Faculty of Arts  
2nd Gujarat Research Workers' Conference, Ahmedabad, 24-1-1953 to 26-1-1953.
36. Shri R. N. Mehta  
Faculty of Arts  
2nd Gujarat Research Workers' Conference, Ahmedabad, 24-1-1953 to 26-1-1953.
37. Dr. P. Vakharia  
Faculty of Social Work  
Permitted to officiate as secretary in the Section of Social Services, 2nd Gujarat Research Workers' Conference, Ahmedabad, 24-1-1953 to 26-1-1953.
38. Shrimati S. Chopra  
Faculty of Home Science  
2nd Gujarat Research Workers' Conference, Ahmedabad, 24-1-1953 to 26-1-1953.
39. Professor D. Subbarao  
Faculty of Technology  
(Including Engineering)  
Associations of Principals of Technical Institutions' Conference, Hyderabad, 2/3-2-1953.
40. Dr. A. N. de Quadros  
Faculty of Medicine  
Conference on Medical Education Madras, 2/3-3-1953.
41. Professor J. D. Pathak  
Faculty of Medicine  
Conference on Medical Education Madras, 2/3-3-1953.
42. Professor V. Y. Kolhatkar  
Faculty of Commerce  
Conference of Commerce Faculties, organised by Inter University Board of India at Madras, 18-3-1953.
43. Shri M. M. Upadhyaya  
Department of Physical Education  
Seminar of Physical Education organised by the National Association of Physical Education at Poona, 21-5-1953 to 25-5-1953.
44. Professor B. J. Sandesara  
Faculty of Arts  
Bharatiya Bhasha Vikas Parishad, Poona, 23-5-1953 to 25-5-1953.
45. Professor M. N. Srinivas  
Faculty of Arts  
2nd World Congress of Sociology League, Belgium, 27-7-1953 to 4-8-1953.

## CHAPTER XXII—STUDENTS' WELFARE ACTIVITIES

### 1. University Halls of Residence :

#### (a) General :

During the year under report it was decided that student's hostels be called Halls of Residence. As mentioned in the previous annual reports the University has been striving to increase and improve the residential accommodation for its students. During the past three years three new Halls, two for men students to accommodate 230 students and one for women students to provide accommodation for 80 students were constructed at a total cost of Rs. 16.26 lakhs. During the year under report the University spent an additional amount of Rs. 29,000 on the two new Halls for men students to improve the kitchen facilities and to provide other amenities. The accommodation for women students was found insufficient, and so it was decided to construct two wings on the first floor of the women's Hall. By the end of the year the western wing was completed at a cost of Rs. 1.68 lakhs. The total amount spent upto the end of the year under report on the construction of new halls was Rs. 18.23 lakhs. On 15th June, 1953 the Vice-Chancellor was pleased to name four out of the six Halls of Residence as below :—

Old name	New name
Hostel No. 1	Shri Manubhai Mehta Hall
Hostel No. 2	Maharshi Arvinda Hall
Hostel No. 3	Shri Dadabhai Naoroji Hall
Women's Hostel	Shrimati Sarojinidevi Hall

The University has associated the names of these distinguished Indians with the Halls of Residence. Shri Manubhai Mehta, as Dewan of Baroda State did spade work in bringing the University into existence. Maharshi Arvinda, the philosopher and saint, was at one time the Vice-Principal of the Baroda College which formed the nucleus of the University. Shri Dadabhai Naoroji, the "Grand Old Man of India", was also one time Dewan of Baroda. Shrimati Sarojini Naidu is well known as the symbol of Indian womanhood.

The other two halls being housed in rented buildings have not been given any special names.

#### (b) Number of students in the Halls :

The following statement gives the number of resident students at the end of the year under report :—

Faculty/College	Men					Women	Total
	Shri Manubhai Mehta Hall	Maharshi Arvinda Hall	Shri Dadabhai Naoroji Hall	Salatwada Hall	Bungalow No. 1 Hall	Shrimati Sarojini devi Hall	
( 1 ) Arts	12	1	5	—	—	19	37
( 2 ) Science	46	53	16	—	—	10	125
( 3 ) Education and Psychology	21	—	31	—	—	5	57
( 4 ) Commerce	5	3	3	—	—	—	11
( 5 ) Medicine	12	8	—	—	—	3	23
( 6 ) Technology (including Engineering)	—	29	—	50	37	1	117
( 7 ) Fine Arts	3	3	—	—	—	2	8
( 8 ) Home Science	—	—	—	—	—	30	30
( 9 ) Social Work	9	6	9	—	—	3	27
( 10 ) Intermediate College	19	20	1	—	—	—	40
Total	127	123	65	50	37	73	475

#### (c) Administration of Halls :

The administration of the Halls was carried on by the Syndicate on the advice of the Hostel Supervisory Council and the Wardens' Committee. One of the wardens worked as Convener of the Wardens' Committee. The Shrimati Sarojinidevi Hall, which was in charge of a full time Lady

Superintendent working under the supervision of the Dean, Faculty of Home Science, was placed in charge of a warden and the administration of the Hall was also transferred to the Wardens' Committee. The new set of rules and regulations were published on the application forms for admission to the Halls. The new rules aim at closer integration of community life and are comprehensive in their frame and reference. The system of giving contracts for running messes in the Halls was discontinued and all messes in the Halls were managed by students themselves. To help and guide the students in the food arrangements a lady graduate in Home Science was appointed as a House Keeper in the Shrimati Sarojinidevi Hall and an experienced officer in charge of house-keeping was appointed for men's Halls. The University spent an amount of Rs. 76,697 on the re-curring expenses of the Halls of Residence during the year under report as against an amount of Rs. 58,719 during the year 1951-52.

(d) *Recreation and other amenities:*

All Halls have been provided with well equipped reading rooms and common rooms. The reading rooms of the four Halls in the University campus developed considerably. Thanks to the donation by the United States Information Services, Bombay, a set of one hundred books was provided in the reading rooms of each of the above halls. The library of Maharshi Arvinda Hall was further enriched with works of Maharshi Arvinda and the Mother generously gifted by the local Arvinda Circle. Several indoor games were provided for the students. The University appointed two honorary medical officers—one for men's Halls and another, a lady doctor for the women's Hall. These medical officers visit each Hall twice a week and give free medical advice to the students. Arrangements were also made to dispense ordinary medicines to the students on a nominal charge. These doctors also supervise the sanitation of the halls.

(e) *Cultural activities:*

Special attention was paid to develop cultural activities and corporate life in the Halls. The following were some of the functions arranged in different Halls during the year:—

- (i) A dinner and a chat with the debating team of the United Kingdom and the representatives of the British Council in Bombay, Mr. S. E. Hodgson, in Shri Manubhai Mehta Hall on 19th August, 1952.

- (ii) Lecture by Dr. Fisk in Maharshi Arvinda Hall on 18th November, 1952.
- (iii) Inter-Halls sports tournaments on 6th December, 1952.
- (iv) Social gathering in Maharshi Arvinda Hall under the presidentship of the Chancellor, H. H. Maharaja Fatehsinh Gaekwad of Baroda on 24th January, 1953.
- (v) Manual work and general cleaning programme organised by the Warden and the students on Republic Day on 26th January, 1953 in Shri Manubhai Mehta Hall.
- (vi) Social gathering in Shri Manubhai Mehta Hall under the presidentship of the Vice-Chancellor, Shrimati Hansa Mehta on 10th February, 1953.
- (vii) Inauguration of the Alumni Association by the Vice-Chancellor on 15th June, 1953.
- (viii) Presentation of the works of Maharshi Arvinda and the Mother to the Maharshi Arvinda Hall on 26th June, 1953. Under the presidentship of the Vice-Chancellor a talk on the occasion was given by Shri Girdharlal Sheth an inmate of the Pondicherry Ashram.
- (ix) While naming the Halls of residence on the 15th June, 1953 the Vice-Chancellor, Shrimati Hansa Mehta gave the following special message to the resident students of the Halls:—

“In a residential University like ours, the Halls of Residence have an important function to perform. They are meant primarily to be homes of culture where the resident students can evolve a pattern of life which they might usefully enrich in their later years. What the Faculties and Colleges of the University do in the academic sphere, the Halls must do on the cultural plane. They must train students to live together as a happy, enlightened community in a spirit of harmony, friendliness and tolerance. They must impart a cosmopolitan outlook and a sense of rounded development. The life of the students within the precincts must be such as would set a tone to their life outside, befit their academic status and yet draw them to the humbler day-to-day tasks in willing co-operation. In brief, these Halls must serve as an easy stepping-stone to a larger life of culture and

service which young University men and women have to help build up in our country."

## 2. Medical examination of students.

The University arranges every year a thorough medical examination of all the students in the beginning of the academic year. The medical examination was conducted as usual in Shri Sayaji General Hospital, Baroda during the period 29-7-1952 to 6-9-1952 by a Board consisting of the following specialists :—

1. Dr. T. V. Patel, M.D. (Bom.)—Convener
2. Dr. S. D. Ambegaonkar, M.R.C.P. (London)
3. Dr. P. M. Luhar, M.R.C.P. (London)
4. Dr. C. P. Munshi, M.D., F.C.P.S.
5. Dr. M. D. Patel, M.S.
6. Dr. A. B. Kothari, M.S. (Madras), F.R.F.P.S. (G.)
7. Dr. R. C. Desai, M.S.
8. Dr. M. V. Patel, M.D.,
9. Dr. V. G. Patel, M.D., F.C.P.S. (Bom.)
10. Dr. R. M. Gandhi, M.B.B.S., D.M.R.T. (London)
11. Dr. R. C. Diwanji, L.D.S., R.C.S.
12. Dr. V. M. Shah, M.B.B.S., D.O.
13. Dr. M. S. Sudhalkar, M.B.B.S., D.O.
14. Dr. (Mrs.) I. T. Patel, M.D. (Bom.)

The Board examined 3627 students in all. Results of the examination were recorded in a special form maintained for each student and communicated to the student on a report card. The University Honorary Medical Officer attended to the follow up treatment of cases marked by the Board for further attention. The Statistics Department of the Faculty of Science was requested to prepare a statistical analysis of the findings in the medical examination.

## 3. Physical Education of students.

### (a) Physical Training :

During the year under report the staff of the Physical Education Department consisted of one Superintendent of Physical Education, five full time Instructors (including one lady Instructor) and two part-time Instructors. Physical training is compulsory for the first and second year students of the University. Only students enrolled in the N.C.C. or

recommended for exemption by the Medical Board, or students residing beyond three miles of the physical training centre were exempted from the same. The training has been imparted at two centres, one in the Baroda College compound and another in the compound of the Faculty of Technology (including Engineering) in the city.

### (b) Sports :

The University has well laid out play grounds for all major games like Cricket, Tennis, Badminton, Volley ball, Hockey, Foot-ball, Basket ball, Kho-Kho and Hututu. A large number of students took part in these games. The University sent teams of Cricket, Volley ball, Hockey and Badminton to participate in Inter University tournaments. During the year under report a wire-fencing was erected round the new University Sports Ground at a cost of Rs. 7,000. The University was also running a boat club at the Sursagar tank in the city. The Baroda Borough Municipality agreed to lease a suitable site on the south bank of the Sursagar to the University for a period of 30 years on a nominal rent of Re. 1 per month. The possession of the site was taken and arrangements are being made to construct a suitable boat-house on the site. The question of the construction of a proper sports stadium and a covered badminton court is also under consideration.

### (c) The Auxiliary Cadet Corps :

Towards the end of the year the University decided to introduce the Auxiliary Cadet Corps scheme of the Government of India for the students of the first two years instead of its physical training scheme. The Captain Commanding the N. C. C. Unit in consultation with the Superintendent of Physical Education prepared a scheme of training for the A. C. C. which was approved by the Vice-Chancellor. The scheme aims at building up the youth mentally, morally and physically and to make them good and disciplined citizens by developing their character and capacity of leadership. It also aims at developing in them principles of patriotism, a team spirit, corporate life and self confidence. It has provision for training in social service and teaching of dignity of labour. The necessary training will be imparted in regular weekly parades and two camps of four days duration each in a year. On 22nd June, 1953 a camp was started to train up P. T. instructors and A. C. C. instructors and regular work under the scheme commenced from 14th July, 1953.

#### 4. The National Cadet Corps.

##### (a) *Strength of Officers and Cadets* :—

The University National Cadet Corps, Senior Division, the 6th Bombay Battalion, N. C. C. Baroda continued its activities during the year under the command of Capt. G. S. K. Diwanji. The staff of this battalion consisted of one Commanding Officer, ten N. C. C. Officers from various Faculties and two J. C. Os and N. C. Os from regular army. The total strength of cadets allotted to this unit was 315 the total enrolment was also 315; 9 from Faculty of Arts, 102 from Intermediate College, 115 from Faculty of Science, 78 from Faculty of Technology (including Engineering) and 11 from the Faculty of Commerce.

##### (b) *Training and Camps* :

The freshers were given training in P.T. guard-drill and army drill and some training in weapons and other tactical movements, field craft and map-reading. The second and third year cadets were given training in all subjects intended for the 'B' certificate examination, particularly, drill, drill with arms, weapons training, section and platoon leading, message writing, map reading and first-aid. A few of the cadets were given advanced training for the 'C' certificate examination, particularly, tests in T E WT, organisation, map-setting, inter-communication and lectures on subjects of military importance were arranged. The above training was imparted at regular parades held from 6-30 a.m. to 8-30 a.m., thrice a week, on Mondays, Wednesdays and Fridays and at camps. The annual training camp was held at Devgad Baria from 22-10-1952 to 5-11-1952. The Government of Bombay organised a social service camp to accelerate the community project and road-building at Gokak wherein the N.C.C. Units of the whole state participated. Thirty-five cadets, mainly senior cadets, were selected for this camp held from 4-5-1953 to 4-6-1953 and they did good work there.

##### (c) *Facilities given by the University* :

The University allotted one of its buildings, "Vikram bag" with adjoining open lands for the use of the N.C.C. office and parade ground. This enabled the N.C.C. Unit to function more efficiently and develop many other activities. The Vikram bag accommodates the N.C.C. office and the N.C.C. club. The N.C.C. library and reading room were also there. The library had a stock of 43 books. The reading room provided

journals of general and military interest. In the open lands, in the vicinity of Vikram bag, the Unit prepared a special ground for sandmodel, a short range and an air-gun shooting gallery. The University also approved a bag-pipe band for the Unit.

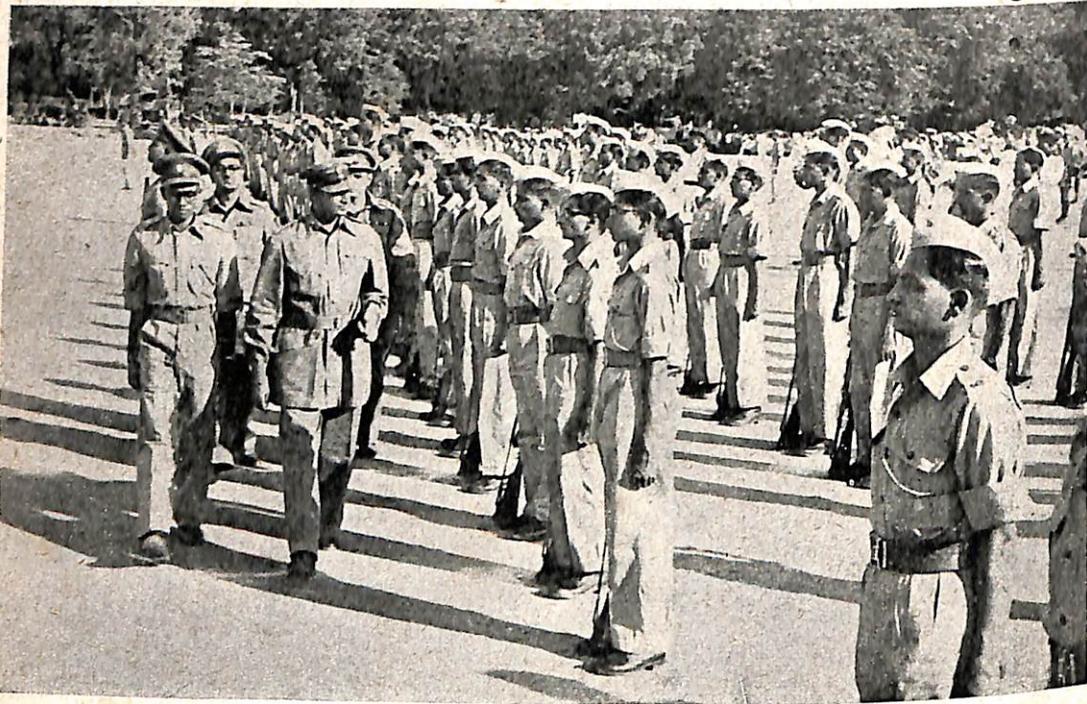
(d) *Ceremonial functions:*

The N. C. C. Units organised the following ceremonial functions during the year:

- (i) Ceremonial parade on 15-8-1952 on the occasion of the unfurling of the national flag by the Vice-Chancellor, Shrimati Hansa Mehta.
- (ii) Col. Virendrasinhji, Director, N. C. C., visited the Unit and inspected the ceremonial parade. A large number of people witnessed the parade by special invitation on 5th and 6th October, 1952.
- (iii) Ceremonial parade in honour of the Prime Minister of India, Pandit Jawaharlal Nehru on 7-12-1952, when he came to Baroda to inaugurate the University Week.
- (iv) Battalion Day celebrations presided over by Brig. K. K. Varma, Commander, Bombay Sub-area on 11-12-1952.
- (v) Platoon in Attack Demonstration on final day of the University Week on 12-12-1952.
- (vi) N. C. C. Day—A sports rally under the presidentship of the Chancellor, H. H. Maharaja Fatehsinh Gackwad of Baroda on 27-1-1953.

5. **General Education Scheme.**

At the suggestion of Shri K. G. Saiyidain, Joint Educational Advisor to the Government of India, the Syndicate approved the introduction of a scheme of General Education for the students of the University in August, 1952. The purpose of the scheme was to ensure that the future graduates develop a scientific attitude, and become equipped with the basic knowledge of contemporary life in its manifold aspects and were imbued with a cosmopolitan outlook respectful of human values. The duration of the course was two years and in the first instance it was introduced for the Junior B. A., B. Com. and B. Sc. students only and it was to be continued for them in the Senior B. A., B. Com. and B. Sc. classes. Every year about 20 lectures followed by discussion were to be arranged on subjects under the areas of knowledge, like Scientific Method, Physical Sciences,



Col. Virendra Sinh, Director N.C.C. inspecting the 6th Bombay  
Bn. N.C.C. Baroda : 6-10-1952

Biological Sciences, History, Social Sciences, Philosophy and Education. The lectures were arranged during working hours of the Faculties and attendance was compulsory. Arrangements were made to distribute cyclo-styled or printed copies of the synopsis of the lectures along with a list of reference books for further study of the subject. A sub-committee to organise this course was appointed. The course commenced in the second term of the academic year 1952-53.

In all ten lectures were arranged under the scheme during the period 19th December, 1952 to 6th February, 1953. A provisional programme under the scheme for the 1st term of the academic year 1953-54 consisting of twenty-four lectures, four visits to community projects, museums, factories etc., fortnightly film shows and a career conference was drawn up. The Government of India were requested to give a suitable grant for the scheme.

#### 6. The University Week.

With a view to offering opportunities to students and teachers of the University to come in greater contact with one another, the University organises group activities like sports, debates, lectures, exhibitions and entertainment programmes in December every year. The University Week was organised from 7-12-1952 to 13-12-1952. The Prime Minister of India, Pandit Jawaharlal Nehru came over to Baroda to inaugurate the Week on 7-12-1952. He was given an enthusiastic reception by the students and staff of the University. He inaugurated the Week on the University Cricket ground at 10-00 a.m. on 7-12-1952 and gave an inspiring speech. Exhibitions were organised during the Week in the Faculties of Science, Education and Psychology, Home Science, Fine Arts, Medicine and Technology (including Engineering), and they attracted large crowds of visitors from Baroda and places round about. Amongst other items organised in the Week were the Annual Sports, M. N. Wadia Memorial Trophy, Inter-Faculty Debate, Prant Bharati, Kavi Sammelan, Brains Trust, Symposium on "Recent Trends in Medicine" and Entertainment programmes which were largely attended by the students and the staff of the University as well as by the invited guests.

#### 7. Students' Representative Council.

With a view to providing an organisation of their own to students of the University, wherein they could discuss the various problems concerning themselves, the Vice-Chancellor approved the constitution of a Stu-

dents' Representative Council in each Faculty and Institution consisting of the elected representatives. For discussing the problems concerning all the students of the University as a whole, a University Students' Representative Council consisting of one elected representative of each Faculty and Institution was also constituted. These Councils were of great help in ascertaining the views of the students on several questions relating to themselves.

The following were the members of the University Student's Representative Council :—

- 1 Shri N. M. Sonar, Faculty of Commerce ( President ).
- 2 Shri V. J. Patel, Faculty of Technology ( Secretary General ).
- 3 Shri L. M. Padhya, Faculty of Education and Psychology ( Joint Secretary General ).
- 4 Shri M. M. Barot, Faculty of Arts.
- 5 Shri A. R. Mehta, Faculty of Science.
- 6 Shri N. M. Patel, Faculty of Fine Arts.
- 7 Shrimati Promoda V. Bhatt, Faculty of Home Science.
- 8 Shri S. J. Pathak, Faculty of Social Work.
- 9 Shri R. D. Joshi, Intermediate College.
- 10 Shrimati K. M. Nadkarni, College of Indian Music, Dance and Dramatics.
- 11 Shri B. H. Mehta, Sanskrit Mahavidyalaya.

## CHAPTER XXIII - RESEARCH WORK IN THE UNIVERSITY

With a view to co-ordinating and publicising the research work done by the members of the staff, the University started publication of a Journal. 'The Journal of the Maharaja Sayajirao University of Baroda' is issued twice a year, in March and in October and contains research articles by members of the staff of the different Faculties. Dr. S. Chandrashekhar was appointed Editor and the following members were appointed on the Advisory Board of the Journal:— Dr. M. N. Srinivas, Dr. B. J. Sandesara, Dr. N. M. Bhatt, Dr. S. M. Sethna and Dr. B. Subbarao.

The first issue of the Journal (Vol. I. No. 1) was brought out in March, 1952.

During the year under report, post-graduate and research work was being done in the Faculties of Arts, Science, Education and Psychology, Commerce, Medicine, Fine Arts, Home Science, and Social Work. The research work done by the teacher himself is marked by an *asterisk*. The department and the name of the guide, the degree in connection with which it was undertaken, and the titles of the research are given in the statement below:—

### 1 FACULTY OF ARTS

Department and Guide	Degree	Subject of research
<b>Sociology</b>		
Professor M. N. Shrinivas		*A series of papers on social life in Mysore village.
	Ph.D.	Social structure of a Bhil tribe.
	Ph.D.	Social structure of the Mehrs of Saurashtra.
	Ph.D.	Social structure of the Mathuvans of Travancore.
	Ph.D.	Social structure of a Bengal village.
	Ph.D.	Social structure of a village in Tanjore District.
<b>Sanskrit</b>		
Dr. S. S. Bhawe		*Collection of material for a fresh translation of the Rigveda.

Department and Guide  
**Gujarati**  
 Professor B. J. Sandesara

Degree

Subject of research

- \*Critical edition of the "Nala Damyanti Rasa" (A. D. 1556) second work of the series of critical editions of old Gujarati texts.
- Ph.D. A critical survey of old Gujarati literature along with the study of the cultural data supplied by it.
- Ph.D. A critical study of the Jnanagita of Narhari along with a study of the Jnanamargi poets in old Gujarati literature.
- Ph.D. A critical edition of Sinhasana Batrisi (1463) of Malayachandra and a comprehensive study of the story cycles of Sinhasana Batrisi in old Gujarati literature.
- Ph.D. The dialect of Charotar linguistic study.
- Ph.D. Influence of Sudhadvaita philosophy on old Gujarati literature with special reference to Dayaram.

**Economics**  
 Professor S. Chandrasekhar

- Ph.D. Economics of Planning in India.
- Ph.D. Co-operative movement in India.
- Ph.D. Economics of tourist traffic.
- Ph.D. Unemployment in India.
- Ph.D. Population of Saurashtra.
- Ph.D. Food and population in India.
- Ph.D. Industrial co-operation in India with special reference to Bombay State.
- Ph.D. Agrarian labour in Gujarat.
- Ph.D. Agricultural credit in India.

**Statistics**  
 Dr. N. M. Bhatt }  
 Shri S. V. Sharma }

Dr. N. M. Bhatt

Shri M. S. Patel }  
 Shri B. K. Rajarao }

- \*Statistical analysis of the medical inspection reports of University students of 1951-52 and 1952-53.
- \*Survey of shops and establishments of Baroda.
- \*Analysis of Time Series.

Department and Guide	Degree	Subject of research
<b>Politics and Administration</b>		
Shri K. S. Desai		*Working on the "Relations between the Union and the States."
<b>Hindi</b>		
Shri U. S. Bhatnagar		*Rajasthani Bhasha ka Itihas. *Bhasha ki Khoja. *Padmakar Sur unki Kavita.
Shri B. L. Sinha		
<b>Oriental Institute</b>		
Shri G. H. Bhatt	Ph.D.	A critical study of Shri Harsha's Naisadhiya carita.
	Ph.D.	Philosophy of Bhagawata Purana.
	Ph.D.	A critical appreciation of Soddhala's Udaya Sunderikatha.
	Ph.D.	The culture of the Markandaya Purana.
	Ph.D.	Swami Dayananda Saraswati's contribution to Vedic studies.
	Ph.D.	Mantra Ramayana of Moresvara.

## 2 FACULTY OF SCIENCE

<b>Physics</b>		
Dr. D. V. Gogate		*Theoretical work on the determination of Optical Constants of Electrostatics and Magnetic Lenses.
Dr. D. V. Gogate and Shri K. R. Chaudhari		*Motion of a sphere through a viscous liquid.
<b>Chemistry</b>		
Dr. C. S. Patel	M.Sc.	Nutrient components of Guar (Cyamopsis psoralioides).
	M.Sc.	Electrolytic reduction of Glucose and hydrolysates of disaccharide to sorbitol.
Dr. S. M. Sethna	M.Sc.	Studies in Brominations of Coumarins.
	M.Sc.	Chemical investigation of Indian Medicinal Plants—investigation of <i>Cardiospermum helicacabum</i> .
	M.Sc.	Chemical investigation of Indian Medicinal Plants—investigation of <i>Crative Religiosa</i> .
	Ph.D.	Studies in Kostane cki-Robinson Reaction.
	Ph.D.	Studies in chalkones.
	Ph.D.	$\gamma$ -substitution in the resorcinol nucleus.

Department and Guide	Degree	Subject of research
<b>Botany</b>		
Dr. V. G. Phatak	M.Sc.	Cytology and Embryology of Acanthaceae.
	M.Sc.	Cytology and Embryology of Rutaceae of Euphorbiaceae.
	Ph.D.	Cytological and Embryological studies in Mimosae.
<b>Zoology</b>		
Dr. J. C. George		*Studies in Vertebrate Osteology, Myology, and Physiology. (seven papers published).
	M.Sc.	Morphologico physiological evolution of Avian muscle. (one paper published)
	M.Sc.	Chemical composition of the muscle of <i>Panulirus</i> and <i>Palaemon</i> .
	M.Sc.	The seasonal variation and the properties of the liver fat in Pile.
	Ph.D.	Studies in the Morphologico-Physiological aspects of Vertebrate life.

## 3 FACULTY OF EDUCATION AND PSYCHOLOGY

Professor T.K.N. Menon	Ph.D.	Psychology of children's drawings.
	Ph.D.	Reading interest of school going Gujarati children between 14-17 age.
	Ph.D.	An intensive study of 100 teachers under training.
	Ph.D.	Educational Psychology—Transfer of Training.
	Ph.D.	An investigation into the artistic activities of 100 children upto 6 years.
	M.Ed.	Contribution of Jesuits to Education in general and Indian Education in particular.
Professor T.K.N. Menon and Shri T. P. Lele	Ph.D.	An inquiry into the scores at the progressive matrices test of primary school children.
	Ph.D.	The influence of environment on educational achievement.
Professor T.K.N. Menon and Shri S. N. Mukerji	Ph.D.	A critical inquiry into University education in India with special reference to University education in some important countries of the world.

Department and Guide	Degree	Subject of research
Professor T.K.N. Menon and Dr. N. M. Bhatt	Ph.D.	Formation, administration, and standardisation of silent reading tests in Gujarati.
Professor T.K.N. Menon and Shri J. K. Shukla	Ph.D.	A comparative study of the intellectual social and moral development of basic and non-basic school children.
Professor R. V. Parulekar	Ph.D.	Education in Kaira district—its past, present and future.
	M.Ed.	Stagnation in secondary schools in the area of the Maharaja Sayajirao University of Baroda.
Shri N. N. Shukla		*A study of heights and weights of boys of secondary schools in the State of Bombay and standardisation of the test of physical activities. *Group tests of intelligence.
	M.Ed.	Survey of the intelligence of the children of the University Experimental High School.
Shri K. S. Yagnik Shri D. G. Apte	M.Ed.	Education in Burma. *An investigation into the opinions of the educated middle class guardians of the Bombay State about the various aspects of higher secondary education.
Shri R. M. Dalal	M.Ed.	Education in Iran. * An investigation into the possibility of making use of the Baroda Museum for educational purposes.
Shri T. P. Lele and Shri L. J. Bhatt } Shri A. S. Patel		* Psychological examination of new University entrants—a pilot study. * Reading interests of adolescents in Gujarat.
Shri H. Farnandiz		* A comparative study of social attitudes. * Group tensions among school children.

## 4 FACULTY OF COMMERCE

Professor V. Y. Kolhatkar		* Indian Five year plan. * Capital formation.
	Ph.D.	Impact of capitalism on Asiatics countries.

Department and Guide	Degree	Subject of research
	Ph.D.	Experiments in the management of currency and credit.
	Ph.D.	Maritime trade of Saurashtra.
	Ph.D.	A comparative study of post-war reconstruction in free and controlled economics.
	Ph.D.	Structural change in Indian Economy during war and post-war period (1939-1950).
	Ph.D.	Industrial problems in India during and after war. * The changes in the pattern of public finance in India since 1939 with special reference to income and employment and incidence of taxation.

Dr. K. S. Venkatraman

## 5 FACULTY OF MEDICINE

Physiology  
Dr. J. D. Pathak

- \* Gastric response, digestion and evacuation time of Indian food preparations.
- \* Suitability of Rana Tigrina for Gaili Miammi test for pregnancy.
- \* Plasma proteins fractions in diseases.
- \* Composition of food (in collaboration with Dr. J. D. Pathak.)

Shri M. L. Pai

Pharmacology  
Dr. G. K. Karandikar

- \* Nature of circulatory thyroid hormone and intermediate iodine metabolism.

## 6 FACULTY OF FINE ARTS

Professor Markand Bhatt

- \* A research study in Indian colours on the data based on original Indian Texts—Mansoullasa—Vishnudharmottaram chitrasutra and Shilparatnam.
- \* Research in the relation between musical notes and colour as set down in Ancient Indian Texts on Music and other arts like Bharat Natyam-Vishnudharmottaram; Sangit Ratnakar, Sangit Parijat, Sangit Makarand, Sangit Darpan, Sangit Shastra and Bhav Prakashana.

## 7 FACULTY OF HOME SCIENCE

<i>Department and Guide</i>	<i>Degree</i>	<i>Subject of research</i>
<b>Food and Nutrition</b>		
Dr. (Mrs.) R. P. Devadas		* Therapeutic diets for some common diseases in India.
Shrimati Surjeet Chopra		* Enquiry to study the B.M.R. diet, state of health and nutrition of college lady students of Maharaja Sayajirao University of Baroda.
		* Enquiry to study effects of religion, caste and social customs on the dietary habits of Gujaratis.
		* Dietary habits of Nursery children.
<b>8 FACULTY OF SOCIAL WORK</b>		
Dr. (Miss) P. Vakharia	M.S.W.	A social economic survey of the workers in the Aryodaya Spinning and Weaving Mills Ltd., Ahmedabad.
	M.S.W.	A study of the social life of the Rana community, Baroda.
Professor (Miss) O. Swoboda	M.S.W.	The crippled child—his education and rehabilitation.
Shri V. Gopalan	M.S.W.	Life and labour of textile workers in Kishangarh, Ajmer.
	M.S.W.	A socio-economic survey of textile workers in the Baroda Mills Ltd. Baroda.
	M.S.W.	A Socio-economic survey of workers of the Standard Pottery Works Ltd. Alwaye, Travancore.
	M.S.W.	Life and labour of workers in the Saraswati Sugar Syndicate Ltd. Jamnagar, Punjab.
Shrimati P. Bhatt	M.S.W.	A study of Family Planning clinics in Bombay city.
Shri W. P. Singh	M.S.W.	An enquiry into the life and work of the permanent workers of the Pamba River Factory, Thiruvalla, Travancore.
	M.S.W.	Life and labour of workers in the Lord Krishna Sugar Mills Ltd. Saharanpur U.P.
	M.S.W.	A study of co-operatives in Baroda District.

<i>Department and Guide</i>	<i>Degree</i>	<i>Subject of research</i>
Shri S. Dasgupta	M.S.W.	A study of the organisation and functions of the Textile Labour Association, Ahmedabad.
	M.S.W.	A socio-economic survey of the conservancy staff of Kottayam Municipality, Travancore.
	M.S.W.	A socio-economic survey of workers in the Burmah Shell Oil Installation, Madras.
Shrimati I. D. Malani	M.S.W.	Rehabilitation of ex-servicemen in the Wynaad Agricultural Colony, Malabar.
Shri P. T. Thomas	M.S.W.	Life and conditions of coir spinners in the Thrikkunnapuzha Pakuthy, Travancore.
	M.S.W.	A social survey of the working class of Baroda.
	M.S.W.	A Socio-economic survey of landless labourers in Karthikappaly Taluk, Travancore.
	M.S.W.	An economic survey of the working class of Baroda.
Shrimati A. K. Menon	M.S.W.	A study of Tuberculosis patients in Trivandrum City, Travancore.