(5)

M. S. University of Baroda.

fifth Annual Report 1953-54.

54

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FIFTH ANNUAL REPORT

1953–54

BARODA

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THE M.S. UNIVERSITY OF BARODA.

FIFTH ANNUAL REPORT, 1953-54

(1st July, 1953 to 30th June, 1954)

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His Highness the Maharaja Sir Sayajirao Gaekwad of Baroda

THE MAHARAJA SAYAJIRAO UNIVERSITY OF BARODA

FIFTH ANNUAL REPORT, 1953-54

This report covers the period from the 1st July, 1953 to the 30th June, 1954 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 courses leading to the degrees of 'Acharya' and 'Shastri,' diploma of 'Visharad' and Certificates of 'Pauranic' and 'Upadhyaya'.

(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., B.A. (Psy.) and M. A. (Psy.) 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., Post-graduate Diploma in Banking, Diploma in Co-operation 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., M.D. and M.S. and Post-graduate Diplomas in Ophthalmology, Anaesthesiology, Laryngology and Otology, Medical Radiology and Electrology, Pediatrics, Venerology and Dermatology, Tubercular Diseases and Clinical Pathology. The college is managed by Government of Bombay.

Sheth Ujamshi Pitambardas Ayurvedic Research Unit: Provides facilities for research in Ayurveda.

(6) Faculty of Technology (including Engineering): Provides courses leading to the degrees of B.E. (Civil, Mechanical and Electrical), B.Text. (Eng.) and B.Arch., to diplomas in Civil, Mechanical and Electrical Engineering, Textile Chemistry, Textile Technology and Architecture; and to Certificate courses for Turners and Fitters and Wiremen and in Carpentry, Dyeing, Weaving, Architecture and Drawing. In addition, the Faculty has a Technical High School attached to it where courses leading to the Technical High School course of the Bombay State are conducted.

(7) (a) Faculty of Fine Arts: Provides courses leading to the degrees of B.A. (Fine) and M.A. (Fine), to post-diploma and diploma courses in Painting, Sculpture and Applied Arts, to post-graduate diploma course in Museology, and to Certificate courses in Photography, Lithography, Pottery, Woodwork and Bronze-Casting.

(b) College of Indian Music, Dance and Dramatics: Provides courses leading to degrees of B.Mus. and M.Mus. and to diplomas in Music (Vocal and Instrumental), Dance and Dramatics.

(8) Faculty of Home Science: Provides courses leading to the degrees of B.Sc. (Home) and M.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 at the end of the year under report:—

Statement showing the number of students in the University at the end of the year 1953-54
(figures as on 20-7-1954)

Institution	Post-graduate courses		Degree courses		Diploma courses		Certificate & other courses		Total		Grand total	Grand total of 1952-1953	Grand total of 1951-1952
	Men	Women	Men	Women	Men	Women	Men	Women	Men	Women			
1	2	3	4	5	6	7	8	9	10	11	12	13	14
1 Faculty of Arts	54	18	265	71	..	..	..	..	319	89	408	415	343
2 Faculty of Science	69	5	986	68	..	..	..	..	1055	73	1128	1099	1136
3 (a) Faculty of Education & Psychology	42	5	103	24	28	6	..	..	173	35	208	157	141
(b) University Experimental High School	..	..	..	..	..	..	262	130	262	130	392	296	214
4 Faculty of Commerce	32	..	157	3	29	..	..	..	218	3	221	220	185
+5 Faculty of Medicine	..	..	223	36	..	..	..	..	223	36	259	182	153
6 (a) Faculty of Technology (including Engineering)	..	..	379	..	809	1	132	..	1320	1	1321	1097	846
(b) Technical High School	..	..	..	..	..	..	153	..	153	..	153	104	65

+ Figures as on 30-6-1954.

7 Faculty of Fine Arts	*15	*5	23	5	@20	‡1	2	..	60	11	71	55	46
8 (a) Faculty of Home Science	..	2	..	146	..	..	..	4	..	152	152	115	69
(b) Chetan Balwadi	..	..	..	..	..	..	35	25	35	25	60	60	50
9 Faculty of Social work	31	13	..	..	..	..	..	..	31	13	44	37	38
10 Intermediate College	..	..	582	125	..	..	..	..	582	125	707	612	470
11 (a) College of Indian Music, Dance and Dramatics	..	..	13	10	220	115	..	..	233	125	358	388	408
(b) S.S.C. Music Classes	..	..	..	..	..	..	1	1	12	1	13	..	..
12 Baroda Sanskrit Mahavidyalaya	9	..	9	..	34	..	53	..	105	..	105	104	94
Total	252	48	2740	488	1140	123	649	160	4781	819	5600	4941	4258

* Including 10 men and 4 women students in the Post-graduate Diploma in Museology.

@ Including 3 students in Post-Diploma courses

‡ Student in Post-Diploma course.

(3) Special features of the year under report.

(1) The University decided to undertake research for Textile and Allied Industries at a higher level in collaboration with the Textile and Allied Industries Research Organisation (TAIRO) set up by the Federation of Gujarat Mills and Industries, Baroda.

(2) The University undertook the work of "A Statistical Summary of the Survey of Industries organised by the Federation of Gujarat Mills and Industries."

(3) A scheme of a Health and Diet Survey of Teachers' Families in Baroda by Dr. J. D. Pathak, Professor of Physiology of the Faculty of Medicine was approved and an amount of Rs. 3,475/- was sanctioned towards its expenses from the University Post-graduate and Research Fund.

(4) "A Socio-Economic Survey of Baroda" is undertaken by the Department of Economics of the Faculty of Arts on behalf of the Planning Commission, Government of India.

(5) The University Week was organised from the 29th November, 1953 to the 5th December, 1953. H. E. the Governor of Bombay, Shri Girjashankar Bajpai inaugurated the Week on the 29th November, 1953.

(6) The 28th session of the Indian Philosophical Congress was held at Baroda under the auspices of the University from the 28th to the 30th December, 1953. The University contributed an amount of Rs. 1250/- towards its expenses.

(7) The University took over, on certain conditions, the late Professor B.K. Thakore's library and the published and unpublished literary works from his sons. The library is housed in a special room named after Professor B. K. Thakore in the University Library. The opening ceremony of "Professor B. K. Thakore Research Section" was performed by Shrimati Hansa Mehta, Vice-Chancellor on the 28th March, 1954.

(8) A Secondary Education Seminar popularly known as 'Baroda Workshop' was organised in the University by a team of American Professors under the auspices of the United States Educational Foundation in India from the 25th January, 1954 to the 17th March, 1954. The Seminar was attended by a batch of 53 persons composed of Inspectors, Lecturers from Teachers' Colleges, Head-masters and Teachers from Bombay and the adjoining States.

(9) The Faculty of Home Science conducted a three weeks' vacation course in Home Science subjects for High School Girls from the 20th May, 1954 to 10th June, 1954. 34 girls from 8 different schools of Bombay and Baroda took advantage of this course.

(10) The Universities Co-ordination Committee appointed by the Government of Bombay under the Chairmanship of Principal N. L. Ahmed, Principal, Elphinstone College, Bombay, visited the University from the 11th to the 15th March, 1954.

(11) The work of collection of all available MSS and of establishing their concord, etc. having been completed in the scheme of "Publication of a Critical and Illustrated Edition of Valmiki Ramayan," a Collation Section was opened in the Ramayan Department at the Oriental Institute. Shrimati Hansa Mehta, Vice-Chancellor, inaugurated the Section on the 4th April, 1954.

(12) The Ministry of Education, Government of India approved the plan of vocational and educational guidance submitted by the Faculty of Education and Psychology under scheme No. 2 (a) of the First Five Year Plan. The work was started from April, 1954.

(13) In collaboration with the Vocational Guidance Bureau of the Government of Bombay, a Career Conference was organised by the University from the 18th to the 21st January, 1954.

(14) The following are the University publications during the year under report:—

Journals:

(i) Journal of the Maharaja Sayajirao University of Baroda: 2 volumes.

(ii) Journal of the Oriental Institute: 4 volumes.

Books:

(i) Under Gaekwad's Oriental Series:

(a) G.O.S. No. 117 Madana Maharnava.

(b) G.O.S. No. 122 Rehla of Ibn Battuta.
(c) G.O.S. No. 123 Kritya Kalpataru Vratakanda.

(ii) Under Shri Sayaji Sahityamala Series :
No. 315 Bharatiya Sanskriti
No. 317 Aharvignana.

(iii) Under Prachin Gurjar Granthmala Series :
No. 2 Nala Davadanti Rasa.

(iv) Under Shri Sayajirao Gaekwad Honorarium Lecture Series :
Ancient Foundations of Economics in India.

(15) The Third Annual Convocation of the University was held in the University Gardens on the 10th October, 1953. Dr. S. S. Bhatnagar, Secretary to the Government of India, Ministries of Education, National Resources and Scientific Research delivered the convocation address. The following degrees were conferred at the Convocation :—

Degree	*In person*	*In absentia*	*Total*
Ph.D.	1	..	1
M.A.	9	3	12
B.A. (Special)	71	14	85
B.A. (General)	5	2	7
Alankara	4	..	4
Acharya	1	..	1
Shastri	3	..	3
M.Sc.	5	4	9
B.Sc.	100	32	132
M.Ed.(by Thesis)	1	..	1
M.Ed. (by Papers)	3	6	9
B.Ed.	25	54	79
M.Com.	5	..	5
B.Com.	49	25	74
B.E.	4	3	7
B.Sc. (Home)	2	..	2
M.S.W.	4	9	13
Total	292	152	444

(16) The following special grants were received during the year :—

From the Government of Bombay

Rs. 3,00,00/- towards construction of the third Hall of Residence.
Rs. 1,60,000/- non-recurring building grant.



Third Annual Convocation, 10th October, 1953.

From the Central Government

Rs. 35,000/- for equipment of the Science Faculty

Rs. 5,000/- for Socio-Economic Survey of Baroda City

Rs. 2,350/- for Research in Vocational and Educational Guidance.

From Sir Sayajirao Diamond Jubilee and Memorial Trust Fund

Rs. 3,00,000/- towards construction of the third Hall of Residence.

Rs. 7,000/- for the Rural Health Central at Atladara conducted by the Faculty of Social Work.

4. Changes in the teaching staff.

(i) Appointments on existing posts:

The following appointments were made to some of the old posts which were vacant or which fell vacant during the year :—

(The dates of joining are mentioned in brackets after the name).

FACULTY OF ARTS

1 Junior Lecturer in English (on the post of a Sr. Lecturer)	Shri R. R. Raval, M.A.	(19-6-1954)
2 Part-time Lecturer in Sindhi	Shri L. M. Chandiramani, B.A., B.T.	(25-8-1953)

FACULTY OF SCIENCE

3 Senior Lecturer in Mathematics	Shri C. C. Shah, M.SC.	(1-7-1953)
4 Senior Lecturer in Chemistry (Leave Vacancy)	Shri C. J. Shah, M.SC.	(1-7-1953)
5 Junior Lecturer in Chemistry (on the post of Reader in Chemistry)	Shri A. N. Godbole, M.SC.	(1-7-1953)
6 Junior Lecturer in Mathematics	Shri N. M. Patel, M.SC.	(10-7-1953)
7 Junior Lecturer in Chemistry (Leave Vacancy)	Shri J. L. Patel, M.SC.	(10-7-1953)
8 Junior Lecturer in Chemistry (Leave Vacancy)	Shri A. M. Talati, M.SC.	(4-9-1953)
9 Junior Lecturer in Statistics	Shri D. G. Vashi, M.SC. (London)	(11-9-1953)

FACULTY OF EDUCATION AND PSYCHOLOGY

10 Senior Lecturer	Miss J. Dumas, B.A. (Chicago)	(9-11-1953)

11	Junior Lecturer	Shri M. A. Quraishi, M.A., B.T., M.ED., S.T.C. (25-8-1953)

FACULTY OF COMMERCE

12	Part-time teacher in Mercantile Law	Shri A. J. Patel, Bar-at Law (21-12-1953)

FACULTY OF MEDICINE (Medical College, Baroda)

13	Senior Lecturer in Pathology*	Dr. K. N. Sahgal, M.D. (Bath.) (12-5-1954)

FACULTY OF TECHNOLOGY (including Engineering)

14	Reader in Architecture	Shri M. B. Dave, G.D. (Arch.), A.I.I.A. (7-1-1954)
15	Senior Lecturer in Mechanical Engineering	Shri K. D. Oza, B.SC. (Eng.) (Banaras) (4-7-1953)
16	Senior Lecturer in Electrical Engineering (Temporary on the Professor's Vacancy)	Shri D. P. Makhijani, B. E. (Elec.), A. M. I. E. (17-2-1953)
17	Senior Lecturer in Civil Engineering (Temporary on the Reader's post)	Shri D. B. Dastur, (15-6-1954) Dip. in San. Eng. Dip. in San. Science M. R. San. A. M. I., B. E. A. M. I. Mun. E. (London) A. M. T. Tech.
18	Senior Lecturer in Mechanical Engineering	Shri K. D. Shah, B. E. (Elec.) (16-6-1954)
19	Junior Lecturer in Mechanical Engineering	Shri M. Y. Kantak, B. E. (M. & E.) (27-7-1953 to 16-12-1953) Shri A. V. Dandekar, B. E. (M. & E.) (17-12-1953 to 16-3-1954)
20	Junior Lecturer in Mechanical Engineering	Shri B. H. Dave, D.M.E., M.E. (17-12-1953)
21	Junior Lecturer in Applied Mechanics	Shri S. K. Damle, B. E. (Civil) (21-12-1953)
22	Junior Lecturer in Mechanical Engineering	Shri K. S. Shah, B. E. (M. & E.) (15-6-1954)
23	Junior Lecturer in Applied Mechanics	Shri G. K. Pradhan, B.E. (Civil), A. M. I. E. (India) (15-6-1954)

* This appointment was made by the Government of Bombay.

FACULTY OF FINE ARTS

24	Principal College of Indian Music, Dance and Dramatics	Shri R. C. Mehta, B. A. (on loan service from A. I. R.) (19-1-1954)
25	Visiting Lecturer in Dance	Shrimati M. K. Saroja (1-2-1954)

FACULTY OF SOCIAL WORK

26	Senior Lecturer in Social work	Kumari S. V. Phadke, B. A. (Hons.) M. S. W. (South California) (1-7-1953)
27	Junior Lecturer in Rural Work	Shri W. P. Singh, B.A., Dip. in S.S.A. (T.I.S.S.) (26-7-1953)
28	Senior Lecturer in Group Work	Kumari J. C. Merani, B.A., M.S. (Columbia) (9-11-1953)

(ii) Appointments 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 the new posts duly instituted by the Senate :—

FACULTY OF ARTS

1	Junior Lecturer in Gujarati	Shri I. A. Dave, M.A. (1-7-1953)
2	Junior Lecturer in Politics	Shri C. N. Bhalerao, M.A. (26-8-1953)

FACULTY OF SCIENCE

3	Junior Lecturer in Mathematics	Shri B. V. Jotwani, M.SC. (11-7-1953)

FACULTY OF EDUCATION & PSYCHOLOGY

4	Senior Lecturer	Dr. T. V. Shrinivasiah, B.A. (Psy.) (Hons.), PH.D. (Psy.) (London) (9-11-1953)

FACULTY OF MEDICINE (Medical College, Baroda)

5	Orthopedic Surgeon *	Dr. G. V. Merchant, M.S. (30-4-1954)
6	Physician for Skin and Venereal diseases *	Dr. B. S. Varma, M.B., B.S., D.D.V., D.V.D. (22-5-1954)

FACULTY OF TECHNOLOGY (including Engineering)

7	Reader in Textile Engineering	Shri K. H. Patel, B.SC. (Eng.) M.SC. (Tech.) (Manchester) (1-4-1954)
8	Junior Lecturer in Electrical Engineering	Shri M. R. Panchal, D.E.E. (17-12-1953)

* These appointments were made by the Government of Bombay.

FACULTY OF FINE ARTS

9	Junior Lecturer in Process and Block Making	Shri G. K. Bhatt, R.M.P. (19-8-1953)

(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. M. Wadia, M.A.	Reader in English and Principal, Intermediate College (On completion of the re-employment period)

FACULTY OF SCIENCE

2	Shri B. K. Rajarao, M.SC.	Junior Lecturer in Statistics (Resigned)
3	Shri B. V. Jotwani, M.SC.	Junior Lecturer in Mathematics (Resigned)

FACULTY OF EDUCATION & PSYCHOLOGY

4	Shri P. K. Chhatre, B.A., S.T.C. Dip. in Edu. (Leeds)	Senior Lecturer (Retired)
5	Shri R. M. Dalal, B.A., T.D. (London)	Senior Lecturer (Retired)
6	Dr. G. N. Kaul, B.A., B.T., M.ED., PH.D.	Junior Lecturer (Resigned)

FACULTY OF COMMERCE

7	Shri D. P. Joshi, B.A., LL.B. Advocate (O.S.)	Part-time Teacher in Mercantile Law (Expired)

FACULTY OF TECHNOLOGY (including Engineering)

8	Shri P. T. Kulkarni, B.SC., D.I.I.SC. (Bangalore)	Senior Lecturer, Electrical Engineering (Resigned)
9	Shri H. L. Shastry, B.SC., B.E. (Civil)	Junior Lecturer in Civil Engineering (Resigned)
10	Shri M. Y. Kantak, B.E. (M. & E.)	Junior Lecturer in Mechanical Engineering (Resigned)
11	Shri A. V. Dandekar, B.E. (M. & E.)	Junior Lecturer in Mechanical Engineering (Resigned)

FACULTY OF FINE ARTS

12	Shri A. S. Vasu	Principal, College of Indian Music, Dance & Dramatics (Resigned)
13	Kumari Sudha R. Desai, M.A.	Junior Lecturer in Dramatics (Resigned)
14	Shrimati Anjali Merh, Dip. in Dance (Kala-Kshetra, Madras)	Visiting Lecturer in Dance (Resigned)
15	Shrimati M. K. Saroja	Visiting Lecturer in Dance (On completion of the appointment period)

FACULTY OF HOME SCIENCE

16	Kumari Surjeet Chopra, B.SC. (Oklohoma), M.SC. (Ohio)	Senior Lecturer in Foods and Nutrition (Resigned)
17	Kumari Gomathi Amma, Diploma in Home Science, Diploma in Teachers Training	Junior Lecturer in Child Development (Resigned)
18	Kumari Heera Rao, B.A. (Utkal), B.A. (Washington)	Junior Lecturer in Child Development (Resigned)

FACULTY OF SOCIAL WORK

19	Shri P. T. Thomas, B.A., Dip. in S.S.A. (T. I. S. S.)	Junior Lecturer in Social Research (Resigned)

5. Finances of the University.

(a) *Endowments received during the year:*

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

"28th Indian Philosophical Congress (Baroda) Reception Committee Prize"

A donation of Rs. 1,650/- was accepted from the Local Secretary, Reception Committee, 28th session of the Indian Philosophical Congress Baroda for awarding "the 28th Indian Philosophical Congress (Baroda) Reception Committee Prize" to the student standing first in Philosophy at the B.A. (Special) examination of the University and obtaining at least second class, from the earned interest after deducting charges of management, registration, renewal fee, etc. The fund was to be invested

in Government or Government approved securities according to the Trust Act as directed by the Syndicate. In case of tie between two students obtaining equal number of marks in Philosophy at B.A. (Special) examination, the prize shall be equally divided between them.

(b) Other Endowments :

(1) Baroda College Independence Day Essay Prize Fund :

The Independence Day Essay Prize competition was held under the auspices of the University Union and the prizes were awarded as follows :—

1st Prize :—Kumari Surabhi H. Trivedi, Junior B.A., Faculty of Arts (Rs. 100/- in books).

2nd Prize :—Shri Laxman Nirgudkar Shane, Senior B.A., Faculty of Arts (Rs. 50/- in books).

The fund is invested in 3% Conversion Loan, 1946, of the face value of Rs. 5,000/-.

(2) U. N. Appeal for Children Fund :

During the year under report Rs. 2,196-2-0 were spent out of the interest of Rs. 3,490-5-9 of the above fund as under :—

(a)	Chetan Balwadi—		
	Freeships	749- 0-0	
	Medicines	114-10-6	
	Milk, Refreshment etc.	246- 0-0	1,109-10-6
(b)	Experimental High School—		
	Milk	150- 0-0	
	Medicines etc.	50- 0-0	
	Play Equipment	200- 0-0	400- 0-0
(c)	Faculty of Social Work—		
	Nutrition	362- 0-6	
	Medicine	21-15-6	
	Doctor's bill	30- 0-0	
	Medical Equipment	4- 6-0	
	Nutrition Equipment	24-13-0	
	Contingencies	57- 0-6	
	Educational Programme	108-12-0	
	Cup-Board	77- 8-0	686- 7-6
		Total:	2,196- 2-0

The closing balance of the fund is Rs. 1,07,274-7-5 which is invested as follows :—

3% Conversion Loan 1946 (face value Rs. 1,09,200/-) (at cost)	1,01,554- 9- 6
4¼% Surat Borough Municipality Loan, 1952 (face value Rs. 3400/-)	3,359-10-0
Balance in current account with the Bank of Baroda Ltd., Baroda Account No. III	2,360- 3-11
Total Rs.	1,07,274- 7- 5

(3) Shri N. P. Pandya Memorial Prize Fund :

Shri N. P. Pandya Memorial Prize of Rs. 44-8-0 in books was awarded to Shri Vasudev Manilal Pandya, who passed B.Sc. subsidiary examination with Mathematics as subsidiary subject getting the highest marks in Mathematics. The fund is invested in 3% Conversion Loan, 1946 of the face value of Rs. 1,500/-

(4) Shri G. K. R. Purohit Scholarship Fund :

G.K.R. Purohit Scholarship of Rs. 120/- payable in monthly instalment of Rs. 10/- from the 15th June, to the 14th June next, was awarded to Shri N. J. Bhatt, a student of the Final Year of Jyotish Branch of the Advanced Course standing first in the Visharada examination of 1953 and continuing his studies in the First Year Shastri course of Jyotish Branch of Uttam Kaksha. The fund is invested in 3½% Ten Year Treasury Savings Deposit Certificate of Rs. 5,000/-.

(5) Shri Maganbhai Shankerbhai Patel Scholarship Fund :

Shri Maganbhai Shankerbhai Patel scholarship of Rs. 160-15-0 was awarded to Kumari Mrunalini Maganlal Thakkar who stood first in the 1st M.B.,B.S. examination held in April 1953 at the Baroda Medical College.

The fund is invested in 4% Bombay State Development Loan, 1964 of the face value of Rs. 5000/-

(6) Captain K. N. Panimanglore Prize Fund :

Captain K. N. Panimanglore Prize of Rs. 50/- in books was awarded to Shri B. P. Dalal who passed the B. A. special examination in second class standing first in the subject of History.

The fund is invested in 4% Bombay State Development Loan, 1963 of the face value of Rs. 1500/-.

(7) Taraknath Das Foundation of India—Shri Arbindo Prize :

As the courses in Political Science were introduced in 1954 and no examination was held in 1953, the " Taraknath Das Foundation of India—Shri Arbindo Prize " was not awarded and the amount of the prize was added to the corpus.

The fund is invested in 4% Bombay State Development Loan, 1963 of the face value of Rs. 200/-.

(8) Sheth Todarmal Chimanlal Samal Bechar Vallabh Vedanta Prize Fund :

The fund is invested in 4% Bombay State Development Loan, 1963 of the Face Value of Rs. 10,000/-. No prize was awarded during the year under report as no student fulfilled the conditions.

(9) Kelawani Trust Scholarship Fund :

Trustees of the Women's Eductional Trust Fund, Baroda transferred to the University a sum of Rs. 20,000/- in 1951, received by them from the Kelwani Trust Fund, Baroda, for awarding scholarships to the students studying in the Faculty of Home Science. The amount is invested in 3½% 10 Year Treasury Savings Deposit Certificates. Two scholarships of Rs. 50/- each are awarded every year in the 1st year class and two scholarships of Rs. 100/- each are awarded in the 2nd, 3rd and 4th year classes of the Faculty of Home Science from the interest of this Fund.

(c) *Capital Accounts :*

Receipts and Expenditure for the year 1953-54
(1st July, 1953 to 30th June, 1954)
Capital Account No. IA

Textile Technology Department (Textile Chemistry and Textile Engineering)

Receipts		*Expenditure*	
Interest	87,733-13-9	Buildings	1,92,146-12-3
Opening Balance	28,88,307-15-4	Equipment	3,08,018- 9-0
		Machinery, types etc. for M. S. University Press	12,620-15-0
		Amount transferred to Revenue Account for Establishment, Books etc. for Textile Technology Department	41,381- 8-3
		Loss on sale of Securities	50,510- 0-0
		Closing Balance	23,71,364- 0-7
Total :	29,76,041-13-1	Total :	29,76,041-13-1

Capital Account No. IB

Construction and Equipment of Engineering College

Receipts		*Expenditure*	
Interest	23,084-14-6	Building	30,368- 2 0
Opening Balance	7,05,804- 8-4	Equipment	2,13,677- 1-8
		Contribution towards the construction of a Hall of Residence for Engineering students	1,00,000- 0-0
		Loss on sale of Securities	33,677-12-0
		Closing Balance	3,51,166- 7-2
Total :	7,28,889- 6-10	Total :	7,28,889- 6-10

Capital Account No. IC—Department of Banking

Receipts		*Expenditure*	
Interest	16,476- 7-0	Amount transferred to Revenue Account for Establishment, Books etc. for Banking Department	7,697- 5-3
Opening Balance	5,47,754-10-3	Closing Balance	5,56,533-12-0
Total :	5,64,231- 1-3	Total :	5,64,231- 1-3

Capital Account No. ID—A-Research in Ayurveda

Receipts		*Expenditure*	
Interest	16,957- 7-0	Expenditure	Nil
Opening Balance	5,61,082- 5-0	Closing Balance	5,78,039-12-0
Total :	5,78,039-12-0	Total :	5,78,039-12-0

Capital Account No. I D-B-Sheth Ujamshi Pitamberdas Ayurvedic Research Unit

Receipts		*Expenditure*	
Opening Balance	1,71,950- 4-6	Construction of Rasashala	45,766-15-0
Interest	7,651- 6-6	Partition for office	1,873- 8-0
Unspent balances of Bombay Government grant for 1951-52 and 1952-53	63,294- 7-9	Closing Balance	2,15,343-10-9

Receipts		*Expenditure*	
Unspent balance of Bombay Government grant for 1953-54	20,087-15-0		
Total :	2,62,984- 1-9	Total :	2,92,984- 1-9

Capital Account No. IE—Post-graduate Instruction and Research

Receipts		*Expenditure*	
Interest	94,560-15- 6	Amount transferred to Revenue Account for Honorary Professors, Research Assistants and Students, Contingencies, Books, Equipment etc.	44,593- 9-9
Opening Balance	31,53,993-13-10	Closing Balance	32,03,961- 3-7
Total :	32,48,554-13-4	Total :	32,48,554-13-4

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

Receipts		*Expenditure*	
Interest	7,669 - 0 - 0	Construction of Buildings	6,05,284-15-9
Contribution received from the Women's Educational Trust Fund for adding the western wing on the 1st floor of Women's Hostel	50,000- 0-0	Equipment and Furniture	58,449- 8-3
Non-recurring building grant received from the Government of Bombay	1,60,000- 0-0	Closing Balance	5,11,813- 7-2
Bombay Government grant towards the construction of a hall of Residence in the University compound	3,00,000- 0-0		
Grant for the above hall from Sir Sayajirao Memorial Trust, Bombay	2,00,000- 0-0		

Receipts		*Expenditure*	
Contribution received from the sum set apart for Engineering College towards the construction of a hall of Residence for Engineering students.	1,00,000- 0-0		
Amount received from the Baroda College Students' Union for Sports Pavilion and Boat House	44,694-11-3		
Opening Balance	3,13,184- 3-11		
Total :	11,75 547-15-2	Total :	11,75,547-15-2

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

Receipts		*Expenditure*	
Interest	8,124-14-6	Building for the Faculty of Home Science	13,375- 3-6
Interest on Donation from Kelvani Trust, Baroda	699- 2-0	Equipment and Furniture	30,101- 5-0
Opening Balance	3,00,067-13-6	Amount transferred to Revenue Account for maintenance of the Faculty of Home Science	8,124-14-6
		Scholarships out of the Interest on Donation from Kelvani Trust, Baroda.	699- 2-0
		Contribution for adding the western wing on the 1st floor of Women's Hostel	50,000- 0-0
		Closing Balance	2,06,591- 5-0
Total :	3,08,891-14-0	Total :	3,08,891-14-0

(d) Revenue Accounts :

Receipts and Expenditure for the year ended 30th June, 1954

Sr. No.	RECEIPTS Particulars	Rs. As. Ps.	Sr. No.	EXPENDITURE Particulars	Rs. As. Ps.
I	Tuition Fees and other Income from Faculties		I	University General Administration Establishment Charges	1,65,329- 8-0
	(a) Faculty of Arts	1,29,743- 5-0	II	Examination Charges	1,36,410- 0-6
	(b) Faculty of Science	2,37,519-15-6	III	Purchase of Deadstock & Repairs	2,781- 9-3
	(c) Faculty of Edu. & Psy.	56,853- 0-0	IV	Publications	22,224-15-9
	(d) Faculty of Commerce	76,039- 5-0	V	Information and Publicity	5,551- 6-3
	(e) Faculty of Technology (including Engineering)	2,12,256-10-3	VI	Remuneration to Lecturers	6,425- 0-0
	(f) Faculty of Fine Arts	6,646- 0-0	VII	Travelling Allowance	25,758-14-0
	(g) Faculty of Home Science	22,505- 7-3	VIII	Printing and Stationery	23,863-10-9
	(h) Faculty of Social Work	3,301-12-0	IX	Maintenance of Bldgs. and Roads	37,040- 3-10
	Institutions		X	Maintenance of Gardens	15,363- 9-3
	(1) Oriental Institute	—	XI	Municipal Rates and Taxes and Law Charges	1,970-10-0
	(2) College of Indian Music, Dance & Dramatics	13,579-13-0	XII	University Contribution to P. F.	4,103-12-0
	(3) Intermediate College of Arts and Commerce	131- 6-0	XIII	Study Leave	14,562-13-0
	(4) Baroda Sanskrit Maha-vidyalaya	14-12-0	XIV	Miscellaneous	57,875- 2-6
	Total	7,58,590- 6-0	XV	University Library	50,567-12-0
	Less 15% Tuition fees for awarding freeships for the first term : 42,600-0-0		XVI	Physical Education Department	40,004-11-0
	Less excess payment of freeships over deposit of Rs. 36,116-4-0 kept in 1952-53 : 12,702-4-0	55,302-4-0	XVII	Research Staff, Contingency and Equipment	52,293- 8-0
		7,03,288-2-0	XVIII	Faculties and Institutions	
				Faculties	
				(a) Faculty of Arts :	3,09,191- 6-0
				(b) Faculty of Science :	4,14,142-11-0
				(c) Faculty of Edu. & Psy. :	1,96,508- 0-0
				(d) Faculty of Commerce :	82,894- 0-0
				(e) Faculty of Technology (including Engineering) :	6,07,229-14-9
				(f) Faculty of Fine Arts :	1,41,671- 9-3
				(g) Faculty of Home Science :	1,20,583-14-6

Sr. No.	RECEIPTS Particulars	Rs. As. Ps.	Sr. No.	EXPENDITURE Particulars	Rs. As. Ps.
II	Examination Fees	1,29,960-11-0		(h) Faculty of Social Work	1,03,299- 2-0
III	Other Fees	55,036- 3-0		Institutions	
IV	Income from Publications	10,490-15-0		(1) Oriental Institute	67,387-13-9
V	Grant from the Govt. of Bombay	12,62,190- 0-0		(2) College of Indian Music, Dance & Dramatics	1,14,309- 1-0
VI	Grant from Sir Sayajirao Diamond Jubilee and Memorial Trust	3,17,000- 0-0		(3) Intermediate College of Arts & Commerce	27,896- 7-6
VII	Interest on Cash Balances	6,202- 5-6		(4) Baroda Sanskrit Maha-vidyalaya	43,057- 2-0
VIII	Income from Endowments	1,02,519-14-3	XIX	Halls of Residence for students	98,691- 0-0
IX	Income from Halls of Residence	63,075- 0-0	XX	M. S. University of Baroda Press (Sadhana Press)	1,24,435-10-10
X	Income from use and occupation of University Quarters and Bungalows including furniture rent	33,972- 0-3			
XI	Income from Lease of Land and Trees	8,020-14-0			
XII	Miscellaneous Income	36,986- 3-8			
XIII	Income from M. S. University of Baroda Press (Sadhana Press)	1,23,884-15-9			
	Total Receipts :	28,52,627- 4-5			
	Excess of Disbursements over Receipts, *i.e.* Deficit	2,66,702-11-9			
	Grand Total :	31,19,330- 0-2		Grand Total :	31,19,330- 0-2

6. Construction Division.

(a) *Personnel* :

Shri N. B. Patel continued to be incharge of the Construction Division during the year under report.

Shri A. R. Lad, Overseer on loan service, was relieved on the 31st August, 1953 to join his new appointment in Bombay P. W. D.

Shri M. J. Thakore and Shri V. S. Thattey were appointed as Overseers during the year. Shri V. S. Thattey left service on the 24th December, 1953 and Shri B. E. Patel was appointed as Overseer in his place from the 27th January, 1954.

(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 1953-54*	*Total from commencement of work*
1	Faculty of Technology	1,69,778- 8-3	5,87,321-12-9
	(i) Textile Testing Laboratory.		
	(ii) Acquisition of property on Piramitar Road.		
	(iii) Boiler House.		
	(iv) Cycle Shed.		
	(v) Workshop Extension.		
	(vi) Compound Wall & Railing.		
	(vii) Water Tank in the Heat Engines Laboratory.		
2	Maharaja Sayajirao University of Baroda Press (Sadhana Press.) Additions and alterations to the University Press.	1,807-14-6	1,807-14-6
3	Constructing Engineering College. (The works of water-supply and laying out garden are completed).	30,371- 2-0	8,81,895- 0-0

Sr. No.	*Capital works completed during the year*	*Expenditure during 1953-54*	*Total from commencement of work*
4	Constructing Ras-Shala including partition for office	47,640- 7-0	47,640- 7-0
5	Constructing Halls of Residence No. 1 and 2 (Only adjustment for steel.)	25,000- 0-0	11,59,467-10-7
6	A Hall of Residence for Women (The western and southern wings on the first floor have been completed)	96,282- 1-6	7,85,107- 5-5
7	Faculty of Fine Arts	25,385-12-9	2,86,405- 2-9
	(i) Bronze casting shed.		
	(ii) Additions to Woodcarving carpentry shed to convert it into Process Studio.		
	(iii) Common Hall for students		
8	Constructing a Hall on the ground and first floor near room No. 15 in Baroda College	5,550- 6-0	52,878- 3-0
9	Constructing a compound wall to the west and wire-fencing on the north of the Faculty of Education & Psychology	9,287- 5-0	9,287- 5-0
10	Wire-fencing between old Library site and Faculty of Fine Arts through the Nalla	2,621-10-0	2,621-10-0
11	Constructing a Shooting Range	1,226- 4-0	1,226- 4-0
12	Converting Sevantibag Bungalow into 2 flats	5,069-12-0	7,055-12-0
13	Electric fittings and W. C. for Physical Education Department	527-13-0	527-13-0
14	Additions to Type Section block of the University Office	2,826- 9-0	2,826- 9-0
15	Electric and Sanitary fittings in the Students' Common Hall in the Baroda College compound	1,274- 3-6	1,274- 3-6
16	Faculty of Home Science	13,330- 3-6	5,55,904- 8-2

(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 1953-54*	*Total from commencement of work*
1	Faculty of Technology	22,368- 4-0	22,368- 4-0
	(i) Extension of the Textile Chemistry Department		
	(ii) Workshop store		
	(iii) Cellar & Dust Chimney for Blow room machinery		
	(iv) Foundations of machines of Heat Engine Laboratory		
2	Third Hall of Residence in the compound of the University.	2,61,705-12-6	2,61,705-12-6
3	Fourth Hall of Residence in the compound of the University upto plinth.	87,687- 3-3	87,687- 3-3
4	University Library upto plinth.	77,605-12-0	77,605-12-0
5	Constructing a new block for the Faculty of Fine Arts upto plinth.	22,301- 4-6	22,301- 4-6
6	Constructing Sports Pavilion.	13,831- 4-0	13,831- 4-0
7	R. C. C. slab over the Drying Room in Shrimati Sarojinidevi Hall.	1,554- 5-0	1,554- 5-0
8	Cycle shed for the Faculty of Home Science.	—	—
25	Water-supply scheme for the University campus.	10,546- 9-9	60,986-13-7
	(i) The water-supply main from Ketkibag well and from the bore in the compound of Cricket Ground were interconnected by a 3″ line. In order to have better water-supply in the College area these two supplies have been connected partly by 5″ and partly by 6″ main.		
	(ii) Faculty of Social work is connected to the University water-supply from Adhyapak Kutirs.		
	(iii) Adhyapak Kutirs are provided with Ajwa water-supply from the Women's Hostel side.		
	(iv) Adjustments have been made in the City and University supplies for economy and efficiency.		

(d) *Ordinary and Special repairs* :

The works of ordinary and special repairs were carried out throughout the year as per requirements of the University Office, different Faculties and Institutions.

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

7. University Examination Results.

The following two statements show the results of October-November, 1953 and March-April-May, 1954 examinations :—

Statement A—Results of University examinations—October-November, 1953

S. No.	Examination	No. Registered	Absent	No. appeared			Number passed									Percentage of Passes
							Men				Women				Grand Total	
				Men	Women	Total	I Class	II Class	Pass Class	Total	I Class	II Class	Pass Class	Total		
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
1	B.Sc. (Subsidiary)	54	2	51	1	52	..	..	36	36	..	..	1	1	37	71.1
2	B.Com.	32	..	32	..	32	..	2	14	16	..	..	..	..	16	50
3	1st M.B., B.S.	12	..	8	4	12	..	..	7	7	..	..	3	3	10	83.3
4	2nd M.B., B.S.	8	..	7	1	8	..	..	4	4	..	..	..	..	4	50
5	B.E. (C.M.E.)	43	..	43	..	43	8	20	13	41	..	..	..	..	41	95
6	Diploma in Civil Engineering	7	1	6	..	6	..	2	1	3	..	..	..	..	3	50
7	M.S.W.	2	..	2	..	2	..	..	2	2	..	..	..	..	2	100

Statement B—Results of University examinations—March-April-May, 1954

S. No.	Examination	No. Registered	Absent	No. appeared			Number passed									Percentage of Passes	Remarks
							Men				Women				Grand Total		
				Men	Women	Total	I Class	II Class	Pass Class	Total	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	F.Y. Arts	231	3	153	75	228	1	27	83	111	1	18	47	66	177	76.6	
2	Inter Arts	277	9	212	56	268	1	35	130	166	..	14	35	49	215	80.2	
3	B.A. (Special)	185	1	146	38	184	7	52	68	127	3	22	11	36	163	88	
4	B.A. (General)	8	2	6	..	6	..	..	4	4	..	..	..	..	4	66.6	
5	M.A.	38	6	27	5	32	..	5	13	18	..	1	2	3	21	65.6	The results of candidates Nos. 5, 7 and 32 have been held in reserve as they have not taken the first degree.
6	F.Y. Science	419	2	392	25	417	23	100	129	252	..	7	6	13	265	63.5	
7	Inter Science	427	3	405	19	424	41	166	102	309	3	10	5	18	327	77	
8	B.Sc. (Principal)	193	3	179	11	190	8	40	78	126	..	4	6	10	136	71.5	
9	B.Sc. (Subsidiary)	151	3	136	12	148	..	..	117	117	..	..	12	12	129	87	

Statement B—Results of University examinations—March-April-May, 1954

S. No.	Examination	No. Registered	Absent	No. appeared			Number passed								Grand Total	Percentage of Passes	Remarks
							Men				Women						
				Men	Women	Total	I Class	II Class	Pass Class	Total	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
10	M.Sc.	20	2	18	..	18	1	6	4	11	..	..	..	..	11	61.1	
11	B.Sc. (Home)	17	..	..	17	17	..	..	..	..	..	..	17	17	17	100	
12	F.Y. Commerce	164	2	162	..	162	3	27	67	97	..	..	..	..	97	60	
13	Inter Commerce	126	2	122	2	124	2	19	66	87	..	1	1	2	89	71.8	
14	B.Com.	97	2	95	..	95	2	11	43	56	..	..	..	..	56	57.7	
15	M.Com.	7	..	7	..	7	..	..	5	5	..	..	..	..	5	71.4	The result of candidate No. 2 has been held in reserve as he has not taken the first degree.
16	B.Ed.	89	1	73	15	88	9	42	21*	72	1	9	5**	15	87	98.8	* No. 46 passes in Part II only. ** Nos. 5 and 87 pass in Part I only.
17	T.D.	25	..	23	2	25	..	..	23	23	..	..	2	2	25	100	
18	1st M.B., B.S.	35	..	31	4	35	..	..	23	23	..	..	3	3	26	74.3	

Statement B—Results of University examinations—March-April-May, 1954

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18
19	2nd M.B., B.S.	32	1	29	2	31	..	..	26	26	..	..	..	..	26	83.9	
20	3rd M.B., B.S.	20	..	18	2	20	..	..	4	4	..	..	..	..	4	20	
21	F.E. (C.M.E.T.)	135	..	135	..	135	6	42	48	96	..	..	..	..	96	71.1	
22	S.E.	86	..	86	..	86	2	39	27	68	..	..	..	..	68	79	
23	B.E. (Civil)	38	..	38	..	38	3	17	13	33	..	..	..	..	33	86.8	
24	B.E. (Electrical)	22	..	22	..	22	6	13	..	19	..	..	..	..	19	86.36	
25	B.E. (Mechanical)	7	..	7	..	7	5	2	..	7	..	..	..	..	7	100	
26	B.E. (M. & E.)	2	..	2	..	2	..	2	..	2	..	..	..	..	2	100	
27	B.E. (M. & E.) Transitory	9	..	9	..	9	..	4	1	5	..	..	..	..	5	55.5	
28	Diploma in Mechanical Engineering	46	..	46	..	46	14	20	11	45	..	..	..	..	45	97.8	
29	Diploma in Civil Engineering	25	..	25	..	25	1	9	10	20	..	..	..	..	20	80	
30	Diploma in Electrical Engineering	58	..	58	..	58	14	24	15	53	..	..	..	..	53	91.3	
31	Diploma in Weaving Technology	10	..	9	1	10	1	7	1	9	1	..	..	1	10	100	

S. No.	Examination	No. Registered	Absent	No. appeared			Number passed								Grand Total	Percentage of Passes	Remarks
							Men				Women						
				Men	Women	Total	I Class	II Class	Pass Class	Total	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
32	Diploma in Textile Chemistry	33	..	33	..	33	7	8	16	31	..	..	..	..	31	93.9	
33	Diploma in Architecture	24	..	23	1	24	..	4	12	16	..	..	1	1	17	70.8	
34	Diploma in Textile Technology (Transitory)	10	..	10	..	10	1	5	4	10	..	..	..	..	10	100	
35	B. Mus.	5	..	..	5	5	..	..	..	..	..	..	5	5	5	100	
36	Diploma in Music	14	..	11	3	14	..	..	8	8	..	..	3	3	11	78.6	
37	Vyakarana Acharya	1	..	1	..	1	1	..	..	1	..	..	..	..	1	100	
38	Dharma Shastri	1	..	1	..	1	..	..	1	1	..	..	..	..	1	100	
39	Jyotish Shastri	2	..	2	..	2	..	..	1	1	..	..	..	..	1	50	
40	Sahitya	5	..	4	1	5	..	1	3	4	..	1	..	1	5	100	
41	B.A. (Fine)	8	..	7	1	8	..	..	7	7	..	..	1	1	8	100	

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18
42	Diploma in Fine Arts	6	..	6	..	6	..	..	6	6	..	..	..	..	6	100	
43	M. S. W.	15	..	15	..	15	..	..	12	12	..	..	..	..	12	80	
44	M.Ed.	20	1	18	1	19	..	5	11	16	..	..	1	1	17	89.5	
45	Post-graduate Diploma in Museology	5	..	3	2	5	..	..	2	2	..	..	1	1	3	60	
	Thesis Examination																
46	Ph.D. (Arts)	2	..	2	..	2	..	..	..	..	..	..	..	..	..	..	
47	Ph.D. (Science)	1	..	1	..	1	..	..	1	1	..	..	..	..	1	100	
48	M.Sc. (Science)	2	..	2	..	2	..	..	2	2	..	..	..	..	2	100	
49	M.Ed.	1	..	1	..	1	..	..	1	1	..	..	..	..	1	100	

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 114D since the 30th April, 1952. She attended the Seventh Quinquennial Congress of the Universities of the British Commonwealth at Cambridge, England from the 13th to the 17th July, 1953. She also attended the meeting of the Executive Heads of Universities and Colleges throughout the Commonwealth in the second week of July, 1953. On her way back she went to Zurich to inquire about the possibility of getting a Swiss expert to organise the Textile Engineering Department of the Faculty of Technology (including Engineering). She was away from Baroda from the 28th June, 1953 to the 1st August, 1953. Dr. C. S. Patel, Pro-Vice-Chancellor, carried on the current duties of the Vice-Chancellor's office during this period. The Vice-Chancellor also attended the following meetings in India during the year :—

18-4-1953 and 19-4-1953
: Conference of Education Ministers and Vice-Chancellors convened by the Government of India, New Delhi.

21-1-1954 and 4-4-1954
: Presided over the Re-organising Committee, Labour Welfare Institute, Bombay.

8-2-1954 to 10-2-1954
: Meeting of the Central Advisory Board of Education, Government of India, New Delhi.

8-3-1954 to 11-3-1954
: Joint Conference convened by Government of India and Ford Foundation, New Delhi.

11-4-1954
: Meeting of the Standing Committee of the Inter-University Board, Madras.

(ii) The Pro-Vice-Chancellor :

Dr. C. S. Patel, B.A., M.Sc., Ph.D. (Leeds) continued to work as Pro-Vice-Chancellor under Statute 115B throughout the year. Besides

holding the office of the Pro-Vice-Chancellor, he continued to carry on the duties of the office of the Dean of the Faculty of Science throughout the year. He attended the following meetings in India bodies during the year :—

21-12-1953
: Annual meeting of the Inter-University Board of India at Mysore.

22-12-1953 to 24-12-1953
: Seventh Quinquennial Conference of Universities in India, Mysore.

21-1-1954 to 25-1-1954
: Meeting of the Committee appointed by the Joint Board of Vice-Chancellors of the Statutory Universities in the State of Bombay to frame uniform rules for migration of students in the Universities held at Dharwar.

6-4-1954 and 10-6-1954
: Meeting of the Bombay State Industrial Committee at Bombay.

6-5-1954 to 12-5-1954
: Meeting of the Executive Council of the Indian Science Congress at Calcutta.

He also worked on the Executive Committee of the Textile and Allied Industries Research Organisation, Baroda as a representative of the University.

(iii) The Registrar :

Shri B. K. Zutshi, M.A.,LL.B. continued to work as Registrar throughout the year.

2. Authorities.

(i) The Senate :

The Senate, constituted under Section 18(1) of the Act, assumed office on the 15th September, 1951. It consists of 90 members. The list of members of the Senate has been published in the University Hand Book Part I, 1954. All the members continued to hold office tiil the end of the year except for the changes mentioned below :—

(1) Shri G. B. Pandya ceased to be Dean, Faculty of Arts from the 19th March, 1954. Shri V. Y. Kantak, M.A. the new Dean of the Faculty became an ex-officio Fellow in his place from the 19th March, 1954.

(2) Shri R. C. Mehta, B.A. was appointed as Principal, College of Indian Music, Dance and Dramatics from the 19th January, 1954. He became an ex-officio Fellow from that date.

(3) Dr. J. A. Daji, M.A.,B.Sc., Ph.D. (London) having retired from Government of Bombay service on the 22nd January, 1953, his seat became vacant. As Government did not appoint another nomineein his place, the seat remained vacant till the end of the year.

(*ii*) *The Syndicate :*

The Syndicate constituted under Section 23(2) of the Act assumed office on the 31st October, 1951. The following were the members of the Syndicate on the 1st July, 1953 :—

(1) Shrimati Hansa Mehta, B.A. (Hons.), Vice-Chancellor

(2) Dr. C. S. Patel, B.A.,M.Sc., (Bom.), Ph.D. (Leeds), Pro-Vice-Chancellor

(3) Shri S. S. Bhandarkar, B.A. (Bom. & London), Deputy Director of Education

(4) Dr. Jivraj N. Mehta, L.M. & S., F.C.P.S. (Bom.), M.D., M.R.C.P. (London)

(5) Shri C. J. Sutaria, B.A.,LL.B. (Bom.)

(6) Dr. J. M. Mehta, M.A. (Oxon), Ph.D. (London), Bar-at-Law

(7) Dr. R. K. Trivedi, M.Sc. (Bom.), D.Sc. (France)

(8) Shri R. V. Desai, M.A. (Bom.)

(9) Shri J. S. Parikh, B.A., B.Com., LL.B., C. A. I.I. B. (Bom.) A.I.B. (London)

(10) Shri B. B. Joshi, L.T.M. (Hons.), A.T.I.

(11) Professor T. K. N. Menon, B.A. (Madras) Dip. in Edu. (Leeds and Berlin), M.A. (Edu.) (Leeds)

(12) Dr. A. N. de Quadros, M.B.,B.S. (Bom.), D.P.H. (London), F.R.C.S. (Eng.)

(13) Shri G. B. Pandya, M. A. (Alld.), B.A. (Hons.) (London)

(14) Professor V. Y. Kolhatkar, M. Com. (Bom.), M.Sc. (Econ.) (London)

(15) Vacant. (Dr. C. S. Patel who was elected by the joint meeting of all Faculties became ex-officio member on his election as the Pro-Vice-Chancellor)

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

1. Shri G. B. Pandya, having ceased to be the Dean of the Faculty of Arts from the 19th March, 1954, also ceased to be member of the Syndicate from the same date.

2. At a joint meeting of all the Faculties held on the 20th June, 1954, the vacancies created by Shri G. B. Pandya and Dr. C. S. Patel were filled up by the election of Shri V. Y. Kantak and Professor D. Subbarao.

CHAPTER III—THE SENATE

1. Number of meetings.

During the period under report, three meetings of the Senate were held, on the 11th October, 1953, the 28th March, 1954 and the 20th June, 1954.

2. The first meeting.

At the first meeting of the Senate held on the 11th October, 1953, the following business was transacted :—

(1) (a) Election of one Fellow belonging to the Faculty of Technology (including Engineering) to the Board of Visitors for the Faculty of Technology (including Engineering), under-provisions of Ordinance 189-I-C-(i)

(b) Election to fill up one vacancy on the Board of Accounts under Statute 105A.

Shri N. G. K. Murti and Shri N. D. Chokshi being the only candidates for election under (a) and (b) respectively, they were declared elected.

(2) Shri D. M. Parikh, M.A., LL.B. who was nominated as a Fellow by the Government in place of Professor K. T. Shah was assigned to Faculty of Arts.

(3) Renewal of lapsed grants amounting to Rs. 3,00,135/- in the Capital budgets and a sum of Rs. 8,070/- by way of supplementary grant in the Revenue budget were also sanctioned.

(4) A proposal to add Statute 158A prepared on the lines of the Resolution No. 13 passed at the meeting of the Senate held on the 22nd March, 1953 regarding exempting dependents of University employees from payment of tuition fees was considered and passed at this meeting.

(5) A proposal to institute two posts of Junior Lecturers—one in Mechanical Engineering and the other in Electrical Engineering was considered and passed by the Senate.

3. The second meeting.

At the second meeting of the Senate held on the 28th March, 1954, the following business was transacted :—

(1) Election to fill up two vacancies on the Board of Accounts

under Statute 105A was held. Shri N. G. K. Murti and Shri S. A. Sabnis being the only candidates, were declared elected.

(2) Shri V. Y. Kantak, M.A., Dean, Faculty of Arts, Shri R. C. Mehta, B.A., Principal, College of Indian Music, Dance and Dramatics and Professor (Miss) F. P. Kittrell who had become members of the Senate were assigned to Faculties of Arts, Fine Arts and Home Science respectively.

(3) Renewal of lapsed grants amounting to Rs. 14,100/- in the Capital budget, and supplementary grants amounting to Rs. 5,975/- in the Revenue budget and Rs. 4,77,900/- in the Capital budget were also sanctioned.

(4) Report of the Syndicate on the reference back to them by the Senate on the proposal of Shri L. C. Divanji, a member of the Senate, to amend sections 18 and 23 of the Maharaja Sayajirao University of Baroda Act was considered and passed.

(5) Ordinances regarding, standard of admission, of passing and syllabi regarding the post-graduate degrees and diplomas in the Faculty of Medicine and undergraduate diplomas in the Faculty of Technology (including Engineering) were considered and passed.

(6) Proposals regarding amendment of Statutes 115I, 159, 162 and addition of Statute 162B were considered and passed.

(7) The Annual Report and the Audited accounts of the University for the year 1952-53 were also considered and passed.

(8) A proposal to institute the following posts was also considered and passed :—

(1) Professor or Reader in Bio-Chemistry, Faculty of Science.
(2) Lecturer in Bio-Chemistry, Faculty of Science.
(3) Professor or Reader in Educational Administration, Faculty of Education and Psychology.
(4) Senior Lecturer in Social Work, Faculty of Social Work.

(9) Another proposal to change the designations of some of the existing posts of teachers and also of the posts already instituted by the Senate at their meeting held on the 30th September, 1950, with a view to have atleast two posts of Professors in every Faculty was considered and passed.

(10) The following report of the Syndicate on the reference back to them by the Senate of the proposal of Shri L. C. Divanji, a member of

the Senate regarding starting of a Faculty of Law was considered and passed :—

"That Law be introduced as a subject in the B.A. examination in the Faculty of Arts with six papers or eight papers".

4. The third meeting.

At the third meeting of the Senate held on the 20th June,1954, the following business was transacted :—

(1) Election of five teachers to the Council of Post-graduate Studies and Research under provisions of Statute 84 was held. Professor B. J. Sandesara, Dr. M. S. Patel, Dr. S. M. Sethna, and Dr. J. D. Pathak being the only candidates were declared elected. One vacancy remained to be filled up.

(2) Annual Financial Statement comprising—

(i) the Revised estimates for the Revenue budget for the year 1953–54 and the estimates for the Revenue budget for the year 1954–55, and

(ii) the revised estimates for the Capital budget for the year 1953-54 and the estimates for the Capital budget for the year 1954–55

was considered and adopted.

(3) Ordinances regarding the standard of admission, of passing, and syllabi for the post-graduate degree in the Faculty of Commerce were considered and passed by the Senate.

(4) Proposals to add Statute 116E and to amend Statute 162 were also considered and passed.

(5) A proposal to institute the following posts was considered and passed :—

1. Professor of Law—Faculty of Arts
2. Reader in Law—Faculty of Arts
3. Part-time Professor of Cost and Management Accounts—Faculty of Commerce
4. Part-time Professor of Industrial Law—Faculty of Commerce
5. Part-time Professor of Income-tax Law—Faculty of Commerce
6. Part-time or Visiting Lecturer in Mercantile Law—Faculty of Commerce
7. Junior Lecturer in Economics—Faculty of Commerce

8. Junior Lecturer of Accountancy—Faculty of Commerce
9. Reader in Architecture—Faculty of Technology (including Engineering)
10. Junior Lecturer in Applied Arts—Faculty of Fine Arts
11. Junior Lecturer in Home Science Education—Faculty of Home Science
12. Junior Lecturer in Child Development—Faculty of Home Science

5. Average attendance.

The average attendance was 54.

CHAPTER IV—THE SYNDICATE

1. Number of meetings.

During the year under report, the Syndicate held nine meetings (six Ordinary and three Special) at which they considered and passed resolutions on 634 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. Introduction of new courses.

The Syndicate continued to concentrate their attention on the framing of new courses for the existing diploma and degree courses as well as for the new degrees and diplomas. The following new courses were approved by the appropriate University authorities during the year and permission was given to start them from June 1954 :—

Faculty of Arts	M. A. (Psychology) (Courses given in the Faculty of Education & Psychology).
Faculty of Science	B. Sc. Geology (Principal) ; M. Sc. Statistics.
Faculty of Commerce	Post-graduate Diploma in Banking ; Diploma in Co-operation.
Faculty of Medicine	M.D., M.S., D.O., D.A., D.L.O., D.M.R. & E., D. Ped., D.V. & D., T.D.D. and D.C.P.
Faculty of Fine Arts	B. Arch. (Courses given in the Faculty of Technology (including Engineering). M.A. (Fine), M. Mus., Post-Diploma Courses, Diploma in Textile Design, Certificate in Bronze Casting.
Faculty of Home Science	M. Sc. (Home)—Foods & Nutrition, M. Sc. (Home)—Child Development.

3. Development & Improvement of existing departments.

(a) With a view to strengthening the staff of the existing departments to cope up with the teaching of the new courses and to meet the requirements of the new departments, the Syndicate sanctioned the following new posts from the year 1954-55 :—

1. Faculty of Arts	1 Junior Lecturer in Archæology
2. Faculty of Science	1 Reader in Bio-chemistry 1 Demonstrator in Bio-chemistry 1 Laboratory Technician
3. Faculty of Education & Psychology	2 Part-time Lecturers 1 Graduate Librarian
4. Faculty of Commerce	1 Junior Lecturer in Accounts 1 Junior Lecturer in Economics 3 Part-time Lecturers in Law
5. Faculty of Technology (including Engineering)	1 Reader in Architecture 1 Professor of Mechanical Engineering (by conversion of the existing Reader's post) 1 Senior Lecturer in Textile Engineering 2 Mistries 1 Operator
6. Faculty of Fine Arts	1 Professor of Painting (by conversion of the existing Reader's post) 1 Senior Lecturer in Museology 1 Junior Lecturer in Applied Arts 1 Demonstrator in Printing 1 Tutor in Vocal Music 1 Stage Attendant
7. Faculty of Home Science	1 Professor of Home Economics Education (by conversion of the existing Reader's post) 3 Demonstrators
8. Faculty of Social Work	1 Professor of Social Work (by conversion of the existing Reader's post) 1 Senior Lecturer in Juvenile Deliquency

(b) With a view to supplementing the work of the teaching staff in the three departments in the College of Indian Music, Dance and Dramatics, an amount of Rs. 3,000/- was sanctioned for each of the three departments during the year 1954-55 for inviting experts for lectures and/or demonstrations to the students.

(c) The following special grants for purchase of equipments and furniture were sanctioned for the year 1954-55 from the relevant Capital Accounts:—

(i) Faculty of Technology (including Engineering)
  (a) Textile Technology Departments — Rs. 4,00,000
  (b) Engineering Degree Course — Rs. 1,50,000
(ii) Faculty of Home Science — Rs. 19,000

4. Efforts to encourage research work.

With a view to encouraging research work, the Syndicate, with the approval of the Senate, has set apart an amount of Rs. 28.82 lakhs from the donation of Rs. 98.82 lakhs received from the former Baroda Government for financing new schemes of post-graduate instruction and research. During the year 1953-54, an amount of Rs. 1,38,152 was transferred from this fund to the revenue budget under the head Research Staff, Contingency and Equipment. The actual amount spent was, however, Rs. 44,794-0-9 as shown below.

(a) A scheme of inviting eminent scholars and experts in specialised branches of knowledge as Honorary and Visiting Professors is introduced. These experts are invited 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 desired portion of the syllabus in a series of lectures under this scheme. Shri L. B. Shastri was continued during the year as Honorary Lecturer and Shri H. K. Doring was appointed as Honorary Professor in Sculpture from the 27th September, 1953 for three months in the Faculty of Fine Arts. Shri R. V. Parulekar was appointed as Honorary Professor in the Faculty of Education and Psychology. Miss Cassidy was invited as Honorary Professor in the Faculty of Home Science.

Besides this, the following were invited as Visiting Professors and they delivered lectures as detailed in Chapter XXIII of this report :—

Faculty	*Visiting Professor*
Arts	Dr. Parmatma Saran, Reader in History, University of Delhi, Delhi.
	Dr. H. N. Sinha, Principal, Nagpur Mahavidyalaya (Morris College), Nagpur.
Science	Dr. R. C. Shah, Assistant Director & Head of the Organic Division, National Chemical Laboratory, Poona.
	Dr. Vachaspati, Assistant Director, Physical Research Laboratory, Ahmedabad 9.
Education and Psychology	Shri J. P. Naik, Mouni Vidyapitha, Gargoti.
	*Shri T. V. Avinashalingam Chettier, Ex Education Minister, Madras, and Head of the Ramakrishna Maha-Vidyalaya, Coimbatore.
Commerce	Shri A. D. Gorwala, Bombay.
Technology (including Engineering)	*Shri M. S. Thacker, Director, Indian Institute of Science, Bangalore.
	Shri D. R. Bhise, Assistant Engineer, Bombay Municipality, Bombay.
	*Shri K. L. Rao, Director (Designs), Central Water & Power Commission, New Delhi.
Medicine	Dr. (Miss) J. Jhirad, Consulting Obstetrician and Gynæcologist, Bombay.
Home Science	Miss M. Craig,* Principal, College of Nursing, New Delhi.
	*Shrimati Ashadevi Ariyanayakam, Sevagram (M. P.)

* These could not come to Baroda to deliver the lectures during the year.

The total amount spent under this head during the year was Rs. 7,684-3-0.

(b) A scheme to appoint Research Assistants on a monthly net salary upto Rs. 200/- and Research Students on a stipend of Rs. 75/- p.m. is also instituted to help members of the staff in the research work being carried out by them. During the year under report nine Research Assistants were appointed—two in the department of Economics and one each in the departments of Sociology, Archæology, Gujarati, Chemistry, Botany, Education and Fine Arts. Six Research Studentships were awarded, two in the department of Chemistry and one each in the departments of Sanskrit, Sociology and Botany, and one in the Faculty of Education and Psychology.

The total amount spent over this scheme during the year was Rs. 14,699-2-0.

(c) Under the scheme of sanctioning grants for books, equipment, contingencies etc. for research work undertaken by members of the staff, the Syndicate had approved the grants to some of the departments. The amounts actually spent on the schemes during the year under report were as follows :—

	Faculty of Arts	
Gujarati Department :	A scheme of publishing critical editions of old Gujarati texts	Rs. 4,039-14-0
Sociology Department :	Book, equipment and contingencies for field work	Rs. 5,378- 4-0
History Department :	Scheme of Research in Muslim History of Gujarat	Rs. 2,660- 4-3
	Faculty of Education & Psychology	
	Books, equipment and contingency	Rs. 3,801- 7-0
	Faculty of Commerce	
	Scheme of Unemployment Survey in Baroda	Rs. 1,500- 0-0
	Oriental Institute	
	A Scheme of compiling a Chronology of Gujarat	Rs. 3,902- 7-3
	Faculty of Medicine	
Department of Physiology :	A scheme of an enquiry in the Health of families of Secondary School teachers in Baroda	Rs. 1,128- 7-3
	Total	Rs. 22,410-11-9

5. Facilities to the members of the staff for higher studies.

(a) Three members of the staff who were granted study leave in the year 1951-52 continued their higher studies abroad as shown below :—

	Name	*Designation*	*Nature of Higher studies*
1	Shri S. N. Mukerji	Reader in Education and Psychology	Doctorate in Educational Administration, Columbia University.
2	Shri J. S. Dave	Junior Lecturer in Chemistry	Ph. D. in Physical Chemistry, London University.
3	Shri N. S. Pandya	Junir Lecturer in Physics	Ph. D. in Physics, London University.

(b) The following members of the staff who were granted leave without pay during previous years, continued their further studies on research work abroad :—

1	Shri B. R. Seju	Demonstrator in Chemistry	Advance studies in Metallurgy in U. K. as a Government of India Scholar.
2	Dr. C. P. Shukla	Assistant Librarian	Completed his M.A. and Ph.D. in Library Science, Michigan University. Permited to work in the Library of Congress at Washington.
3	Shri S. T. Kothari	Junior Lecturer in Politics	Further studies in Germany
4	Dr. J. C. George	Reader in Zoology	Advanced Studies in U.S.A. on U.S. Government Scholarship
5	Dr. C. M. Mehta	Senior Lecturer in Chemistry	For further studies in U.K.

(c) The following members of the staff were granted leave without pay for further studies or research work abroad :—

1	Professor S. Chandrasekhar	Professor of Economics	For availing of Nuffield Foundation Fellowship in Social Sciences and Dominion Travelling Fellowship in London School of Economics and Political Science and Oxford University (Resigned from 1-7-1954)

	Name	*Designation*	*Nature of Higher studies*
2	Shri A. S. Patel	Junior Lecturer in Education & Psychology	Ph.D. in Psychology at University of Wisconsin, U.S.A.
3	Shri D. G. Kapadnis	Demonstrator in Physics	For working at Kammerlingh Onness Laboratory, Leiden, Netherlands. Granted a Senior Research Fellowship of Rs. 250/- p.m. as a special case.
4	Shrimati Parviz Bhatt	Junior Lecturer in Social Work	School of Social Work, Toronto, Canada, on U.N. Fellowship.

(d) The following members of the staff of the Faculty of Technology (including Engineering) were deputed for further training in Switzerland :—

1	Shri S. S. Dighe	Senior Lecturer in Mechanical Engineering	Further training in Textile Technology, at the Swiss Federal Institute of Technology, Zurich.
2	Shri S. J. Shah	Junior Lecturer in Mechinical Engineering	Further training in Textile Technology at the Swiss Federal Institute of Technology, Zurich.

(e) The following members of the staff were deputed for further training in India :—

1	Dr. S. B. Mahabal	Senior Lecturer in Economics	For training in Officers' Training class in Co-operation conducted by the Reserve Bank of India at Poona.
2	Shri B. G. Shah	Senior Lecturer in Banking	For practical training in Foreign Exchange at the Reserve Bank of India, Bombay and United Commercial Bank, Calcutta.

	Name	*Designation*	*Nature of Higher studies*
3	Shri Y. M. Bhagwat	Demonstrator in Tele-Communication	For field experience in Communication Engineering for 2 months at Bombay.
4	Shri B. R. Kanojia	Laboratory Assistant Electrical Engineering Department	For field experience in Communication Engineering for 2 months at Bombay.

6. Rules Revised and New.

(a) *Revised Rules :*

(i) Consequent upon the decision of the Government of Bombay not to pay first class travelling fare to their officers and to pay their servants incidental expenses pro-rata on milege of the journey, the Syndicate re-considered the rules relating to Travelling and Halting Allowances to members of the Senate, Syndicate and other University bodies which were in force from the 1st May, 1949. The amended rules are incorporated in Ordinances 254 A to 254 E. In the amendment, provision was made for paying an out of pocket expenses of Rs. 4/- per meeting to the members resident in Baroda. The Syndicate resolution about paying single railway fare each way to teachers deputed to attend various conferences was also incorporated as an Ordinance.

(ii) For University employees no separate rules for the travelling and halting allowances were framed and since 1st May, 1949 they were governed by the B.C.S. rules in this matter. This created some difficulties as the University was not able to know or get exact copies of the Government resolutions passed from time to time in the matter of travelling and halting allowances admissible to Government servants. The Syndicate accordingly framed Ordinances regarding travelling and halting allowances payable to the University employees. In these Ordinances, employees are divided into four grades and different scales of travelling and halting allowances are prescribed for them approximately on the lines of those prescribed by the Government of Bombay for their servants.

(iii) There was no provision in any of the leave Ordinances as to which of the University employees should be considered as vacation employees. The Syndicate, therefore, considered and decided to add a note

below Ordiance 206 (8) specifying therein the cadres of employees who should be considered as vacation employees.

(iv) There was no provision in the leave Ordinances enabling the University authorities to ask for a medical certificate of physical fitness from an employee returning from long sick leave. This often resulted in the employee asking for sick leave again and consequent administrative inconvenience. Ordinance 207 was, therefore, amended to include a provision that employees returning from sick leave for a period of two months or more, should produce a certificate of physical fitness from the University Medical Officer.

(v) Ordinance 208 F regarding leave without pay, provided that applications for leave without pay of all employees not confirmed in service should be dealt with by the Syndicate. This led to a number of such applications coming before the Syndicate and in majority of cases the employees had to be given such leave subject to confirmation by the Syndicate. The Ordinance was amended and brought in line with similar rules in B.C.S. rules. Under the amended Ordinance only cases of leave without pay for more than three months will be placed before the Syndicate. Cases of such leave of shorter duration can be disposed of quickly by the various officers of the University.

(*b*) *New Rules*:

(i) The duties and responsibilities of the University Engineer were not defined. Information in this regard was obtained from some Universities. Information about the duties and responsibilities of the Executive Engineer in Bombay P. W. D. was also obtained. After consideration of these, the duties and responsibilities of the University Engineer were laid down under Syndicate Resolution No. 18(a) dated the 26th September, 1953. According to this, the University Engineer is made responsible for ordinary and special repairs to existing buildings as well as for the new constructions of the University. He is also placed in charge of lands, roads, water-supply and electric and sanitary fittings in all University buildings. He is also placed in charge of University gardens except the Botanical gardens, and he has to look after all University buildings, furniture, fittings, residential bungalows and residential quarters. The work of allotment of quarters to the University staff is also entrusted to him.

(ii) Since the University Experimental High School is a High School recognised by the Bombay State Education Department for purposes of grant, the Educational Inspector, Baroda, required that the teachers and other employees working therein should be governed by Government rules regarding employees of grant-in-aid secondary schools. The Syndicate appointed a committee to study their rules and the rules governing the conditions of service of the University employees. The committee drew up "Rules relating to conditions of service for the employees of the University working in the University Experimental High School." These rules while respecting all the provisions about the service stability of the school staff do not go against the general rules for all employees. The rules were approved under Syndicate Resolution No. 16 dated the 26th September, 1953.

(iii) The Syndicate had appointed some Research Assistants in the various departments to help the teachers in their research schemes during the last two years. In the matter of appointments, leave, resignation, etc. rules framed for ordinary employee were applied to them. But these Research Assistants are appointed on fixed stipends and are appointed for particular research schemes only. It was found by experience that some rules should be framed for them. "Rules regarding Research Assistantships" were, therefore, laid down under Syndicate Resolution No. 2 (2) dated 9th December, 1953. The rules prescribe that Research Assistantships will be provided only in those departments which have a definite programme of research duly approved by the relevant University authorities. They also lay down the minimum qualification, minimum and maximum limits for the stipend and other conditions of service for Research Assistants.

(iv) The University had entered in its fifth year and it was found necessary to lay down rules for preservation of important office records and papers and destroying the rest. After considering the former Baroda State Rules and the Bombay Government Rules, "Record Rules" for the University were framed and passed under Syndicate Resolution No. 5, dated the 21st February, 1954. These rules classify the official correspondence and other papers and registers in six categories according to the period of their perservation and specify in detail the method of filing and preserving the papers in the records.

7. Attendance at meetings.

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

Name	*No. of Meetings*	*Class of Meeting*	*Present*	*Absent*	*Remarks*
Shrimati Hansa Mehta, Vice-Chancellor	9	O.6/S.3	7	2	
Dr. C. S. Patel, Pro-Vice-Chancellor	9	O.6/S.3	9	0	
Shri S. S. Bhandarkar	9	O.6/S.3	3	6	
Dr. Jivraj N. Mehta	9	O.6/S.3	9*	0	
Shri C. J. Sutaria	9	O.6/S.3	8*	1	
Dr. J. M. Mehta	9	O.6/S.3	5	4	
Dr. R. K. Trivedi	9	O.6/S.3	8	1	
Shri R. V. Desai	9	O.6/S.3	6	3	
Shri J. S. Parikh	9	O.6/S.3	8	1	
Shri B. B. Joshi	9	O.6/S.3	7	2	
Professor T. K. N. Menon	9	O.6/S.3	7	2	
Dr. A. N. de Quodros	9	O.6/S.3	7	2	
Shri G. B. Pandya	6	O.4/S.2	6	0	Ceased to be a member from 19-3-1954.
Professor V. Y. Kolhatkar	9	O.6/S.3	9	0	

* *Note* :—One Syndicate meeting continued for 2 days. These members were present on one day only in that meeting.

Smt. HANSA MEHTA LIBRARY * THE MAHARAJA SAYAJIRAO UNIVERSITY OF BARODA * THE M.S. UNIVERSITY OF BARODA

CHAPTER V—FACULTIES AND BOARDS OF STUDIES

1. General.

The Faculties, which were constituted under the amended Act and which assumed office on the 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 the 1st September, 1951, also continued to be in office during the period under report. The names of the members of the different Faculties and Boards of Studies are listed on pages 23 to 50 of the University Hand Book Part I, 1954.

2. Meetings of the Faculties.

The following meetings of the Faculties were held during the period 1-7-1953 to 30-6-1954 :—

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	7-2-1954 (20/21-2-1954)	1 Considered the scheme of a Department of Indology and appointed a committee. 2 Considered the scheme for an Institute of Linguistics Studies and recommended that a Department of Linguistics be instituted. 3 Considered a letter from the Government of Bombay forwarding relevant extracts from the minutes of the Philologists' Committee and recommended that the work of collection of dialectical and regional names may be undertaken. 4 Recommended to include 'Education' as an allied subject to subjects approved by the respective Boards of Studies.

1	2		3
		5	Recommended that the two posts of Adhyapakas in the Sanskrit Mahavidyalaya be converted into that of Junior Lecturers.
2	Faculty of Science	7-2-1954 (20/21-2-1954)	1 Recommended that Entomology be added as an optional subject at the M. Sc. examination.
			2 Recommended that Senate be approached for instituting the posts of a Professor or a Reader and a Lecturer for the Department of Bio-chemistry.
			3 Considered the application of four members of the teaching staff of the Faculty of Technology (including Engineering) for admission to B. Text. (Eng.) course, and recommended such admission as a special case.
3	Faculty of Education & Psychology	3-10-1953 (16-1-1954)	1 Resolved to inform the Inter-University Board that Home Science has been already accepted by the Board of Studies as a subject for the B. Ed. course and syllabus in respect of the same have been approved by the Faculty and the Syndicate.
4	Faculty of Commerce	7-2-1954 (20-3-1954)	1 Considered the recommendations of the Conference of Representatives of Commerce Faculties and Departments of Indian Universities in the matter of basic contents of the Commerce Studies in the Universities and appointed a committee to make recommendations thereon.
			2 Considered the scheme of the Diploma in Banking and recommended it for approval as modified at the meeting.

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		3	Considered the scheme and syllabus of Diploma in Co-operation and recommended it for approval as modified at the meeting.
		4	Recommended modifications in the scheme of papers for the M. Com-examination and recommended addition of one more group of Actuarial Science.
		5	Recommended for approval the draft Ordinances for the M.Com. examination as modified at the meeting.
		6	Recommended for institution of the following two posts: (i) Part-time Professor of Cost and Management Accounts (ii) Part-time Professor of Industrial and Income Tax Law.
5	Faculty of Medicine	11-10-1953 (16-1-1954)	1 Finalised the Ordinances relating to standards of passing, of syllabi, of examination etc. for the degrees of M.D., M.S. and post-graduate diplomas.
		28-3-1954 (19-6-1951)	1 Considered the question of laying down details for the post-examination training and invited suggestions for laying down details.
			2 Considered the question of starting the post-graduate courses and recommended to start them from June, 1954.
6	Faculty of Technology (including Engineering)	14-9-1953 (16-1-1954)	1 Recommended that the request of some members of the staff of the Textile Technology department for granting exemption in certain practical subjects for D. T. T. examination be granted and be made applicable to past students also.

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		2 Recommended that the students who have passed their B.Sc. examination with at least 45% of marks in aggregate be considered eligible for a class at the D.T.C. examination on the strength of the marks obtained by them at the D. T. C. examination.
		3 Recommended that the post of a Junior Lecturer in Electrical Engineering be instituted.
7 Faculty of Fine Arts	13-2-1954 (20-3-1954)	1 Recommended that the scheme of examination for the Post-graduate Diploma in Museology be accepted as modified.
		2 Considered the schemes of examinations worked out by the Boards of Studies in (1) Music, Dance & Dramatics, (2) Museology, and (3) Architecture and recommended that the schemes prepared by Boards of Studies in (1) and (3) be approved and that prepared by Board of Studies in Museology be be referred back to the Board.
		3 Considered and recommended for approval the report of the Committee appointed by the Faculty to prepare a working scheme for giving recognition to the Diploma courses for admission in the Degree course.
		4 Approved of the courses in Textile Design with the proviso that the Head of the Painting Department be empowered to modify the course of the Second Year Painting so as to suit the requirements of the student of Textile Design.

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		5 Approved of the Post-graduate courses in Painting, Sculpture and Applied Arts and recommended that the courses be introduced from June 1954.
8 Faculty of Home Science	26-9-1953 (16-1-1954)	Recommended that the minutes of the meeting of the Board of Studies in Home Science held on 26-9-1953 be approved. Some of the important recommendations of the Board were as under:—
		1 The scheme for the conduct of the final comprehensive examinations in the Majors—Foods and Nutrition and Child Development for the 4th year students in March-April, 1954 be approved.
		2 Considered the courses proposed for the M.Sc. degree in Foods and Nutrition and Child Development.
		3 Recommended the terms of admission of special students in the Faculty.
9 Faculty of Social Work	24-11-1653 (16-1-1954)	Recommended that the minutes of the meeting of the Board of Studies in Social Work held on 24-11-1953 be approved. Following were some of the main items considered by the Board of Studies:—
		1 The draft of the curriculum and the reading list be approved as modified.
		2 Recommended that it would be advisable to have a full Board of examiners at the subsidiary examination in September.
10 Joint meeting of the Faculties of Arts, Science and Commerce	7-2-1954 (20/21-2-1954)	1 Recommended for approval the syllabus for Papers VII and VIII of Mathematics at the M.A. examination.

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		2 Recommended rearrangement of courses in Complex Variables in Paper IV at B.Sc. Principal Mathematics.
		3 Recommended that the Paper IV on Complex Variables optional to Statics and Dynamics be substituted by a Paper on Group Theory and Dimensional Geometry and the syllabus for the same be approved.
		4 Recommended some modifications in the M.A. syllabus.
		5 Recommended revised syllabus in Mathematics for the B.Sc. (Subsidiary) examination.
		6 Recommended some minor changes in the Mathematics syllabus for the B. Sc. (Principal) examination.
		7 Recommended that Geography be included as a subsidiary subject at the B. Sc. examination.
		8 Recommended that Geology be dropped from the Inter Science examination.
11 Joint meeting of the Faculties of Arts and Commerce	7-2-54 (20/21-2-1954)	1 Referred the question of allowing Commerce graduates to appear at the B. A. (Special) examination to the Boards of Studies in (1) Economics and (2) Commerce.
		2 Recommended that the syllabus in Economics both for the examinations leading to B. A. and B. Com. degrees be examined and recast, if necessary, by the Boards of Studies in Economic and Commerce.
12 Joint meeting of the Faculties of Science and Medicine	28-3-54 (17-7-1954)	1 Recommended for adoption Ordinances regarding standard of admission, of syllabi, of passing etc. for the B.Sc. and M.Sc. examinations in Anatomy and Physiology.

3. Meetings of the Boards of Studies.

The following meetings of the Boards of Studies were held during the period 1-7-1953 to 30-6-1954 :—

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*
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I Under the Faculty of Arts		
1 Board of Studies in Sanskrit, Pali and Ardhamagadhi Languages and Literature	26-9-1953 (7-2-1954)	1 Framed courses for the remaining ten Shastras for M. A. Sanskrit.
		2 Recommended text-books (i) in Sanskrit and Pali for F.Y. and Intermediate examination in Arts for 1955, 1956 and 1957. (ii) in Sanskrit for the B. A. General examination for 1955, and the B.A. Special examination for 1956, and (iii) for Section A of Paper I in the first year of the Acharya course in Dharma Shastra.
		3 Considered the question of continuing the revised courses for the Alankara degree and recommended its continuation for further four years.
		4 Recommended that 'Education' be not allowed to be offered as an allied subject with either Sanskrit, Pali or Ardhamagadhi at the B.A. (Special) examination.
		5 Considered the relevant extract of the minutes of the meeting of the Philologists' Committee held

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		at New Delhi on 20-3-1952 and recommended that the Universities are the proper authorities to take up the work of collecting dialectical and regional names.
2 Board of Studies in Persian, Urdu and other Asian Languages and Literature	28-9-1953 (7-2-1954)	1 Recommended that 'Education' may be introduced as a subsidiary subject at the B.A. (Special) examination. 2 Considered the relevant extract of the minutes of the meeting of the Philologists' Committee held at New Delhi on 20-3-1952 and recommended that Universities are the proper authorities to take up the work of collecting dilectical and regional names.
3 Board of Studies in Hindi Language and Literature	5-9-1953 (7-2-1954)	1 Recommended that 'Education' be introduced as one of the subsidiary subjects at the B.A. (Special) examination. 2 Considered the relevant extract of the minutes of the meeting of the Philologists' Committee held at New Delhi on 20-3-1952 and recommended that Hindi department be represented on the committee if appointed to work out the resolutions.
4 Board of Studies in Gujarati Language and Literature	5-9-1953 (7-2-1954)	1 Recommended that 'Education' be not allowed to be offered as a subsidiary subject at the B.A. (Special) examination. 2 Considered the relevant extract of the minutes of meeting of the Philologists' Committee held at New Delhi on 20-3-1952 and recommended that Professor of Gujarati be requested to do what is necessary.

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		3 Recommended text-books in Gujarati (i) for the F.Y. examination in Arts, Science, Commerce and Home Science for the years 1955 and 1956 (ii) for the B.A. General and Special examination for the year 1956 and (iii) for the M A. examination for the year 1956.
5 Board of Studies in Marathi Language and Literature	5-9-1953 (7-2-1954)	1 Recommended that 'Education' be allowed to be offered as a subsidiary subject at the B A. (Special) examination. 2 Considered the relevant extract of the minutes of the meeting of the Philologists' Committee held at New Delhi on 20-3-1952 and recommended that a committee of Language teachers be appointed to collect the scientific terms. 3 Recommended text-books in Marathi for the F. Y. examination in Arts, Science, Commerce and Home Science, the Inter Arts and the B.A. examination for the year 1955.
6 Board of Studies in English Language and Literature	5-9-1953 (7-2-1954)	1 Recommended that 'Education' be allowed to be offered as a subsidiary subject at the B. A. (Special) examination provided it satisfies specified conditions. 2 Recommended text-books for English for the B.A. and the B.Com. examinations for 1955.
7 Board of Studies in Modern and Ancient European Languages and Literature	30-9-1953 (7-2-1954)	1 Recommended that 'Education' may be allowed to be offered as a subsidiary subject at the B.A. (Special) examination. 2 Considered the relevant extract of the minutes of the meeting of the Philologists' Committee held

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		at New Delhi on 20-3-1952 and recommended that an experts committee be appointed to consider the question.
8 Board of Studies in Sociology	14-9-1953 (7-2-1954)	1 Recommended that 'Education' be allowed to be offered as a subsidiary subject at the B. A. (Special) examination.
		2 Considered the relevant extract of the minutes of the meeting of the Philologists' Committee held at New Delhi on 20-3-1952 and recommended that the matter be considered by the Department of Languages in consultation with the Heads of other Departments if and when necessary.
		3 Recommended that Physical Anthropology be introduced when sufficient facilities are available either directly in the Department of Sociology or in the Departments of Archæology or Zoology or in the Faculty of Medicine.
9 Board of Studies in History, Archæology and Ancient Indian Culture	14-9-1953 (7-2-1954)	1 Recommended that 'Education' be considered a subject allied to History at the B.A. (Special) examination.
		2 Considered the relevant extract from the minutes of the meeting of the Philologists' Committee held at New Delhi on 20-3-1952 and recommended that the Modern Indian Languages Department be request ed to frame the historical terms in consultation with the Head of the Department of History.
		3 Prescribed books in History for F.Y. Arts and Inter Arts.

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10 Board of Studies in Philosophy	30-9-1953 (7-2-1954)	1 Recommended that 'Education' be included in the list of subsidiary subjects allied to the main subject of Philosophy at the B.A. (Special) examination.
		2 Considered the relevant extract of the minutes of the meeting of the Philologists' Committee held at New Delhi on 20-3-1952 and recommended that the University authorities explore the possibilities of the co-operation of the Gujarat University in the matter and that of getting the financial assistance of the Government of Bombay.
II Under the Faculty of Science		
11 Physics and Meteorology	18-9-1953 (7-2-1954)	1 Recommended books for the B.Sc. (Subsidiary) examination in Physics.
12 Chemistry	21-9-1953 (7-2-1954)	—
13 Botany	20-9-1953 (7-2-1954)	1 Recommended reference books for the M.Sc. examination in Botany.
14 Zoology	9-10-1953 (7-2-1954)	1 Recommended addition of 'Entomology' as one more optional subject at the M.Sc. examination.
III Under the Faculty of Education and Psychology		
15 Education and Psychology	3-10-1953 (3-10-1953)	1 Considered the new courses for the B.Ed. examination prepared by the Committee appointed for the purpose by the Syndicate on the recommendations of the Board.
		2 Considered the scheme of the courses in Psychology for the M.A. Degree, and appointed a committee to work out the detailed syllabi for the above courses.

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		3 Recommended the courses of a Paper in Psychology for the M.A. examination in Philosophy.
		4 Recommended certain changes in the rules governing admission to the T.D. course.
		5 Recommended some modifications in the standard of passing at the B.Ed. and T.D. examinations.
IV Under the Faculty of Commerce		
16 Commerce, including Business Organisation, Accountancy and Audit, Banking, Transport, Cotton Industry etc.	24-9-1953 (7-2-1954)	1 Recommended the syllabus for the M.Com. examination prepared by the various committees appointed by the Board at its meeting held on 10-11-1952 with some modifications.
		2 Recommended the scheme and the courses for the Post-graduate Diploma in Banking.
		3 Recommended the syllabus and other details regarding the Diploma in Co-operation.
V Under the Faculty of Medicine		
17 Anatomy and Physiology	21-9-1953 (28-3-1954)	—
VI Under the Faculty of Technology (including Engineering)		
18 Technology (Textile)	14-9-1953 (14-9-1953)	1 Recommended the granting of exemption to the members of the staff in certain subjects for D.T.T. examination and that the same concessions be allowed to past Diploma holders in Weaving Technology.
		2 Recommended that students who have passed their B.Sc. examination with atleast 45% marks in aggregate

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		be considered eligible for a class at the D.T.C. examination, further that students who have not secured 45% of the aggregate marks at the B.Sc. examination be considered eligible for class only if they appear at the D.T.C. examination in full without taking the advantage of exemptions.
19 Engineering	14-9-1953 (14-9-1953)	1 Appointed a committee for preparing the draft Ordinances covering the syllabi for the Diploma examinations in Civil, Mechanical and Electrical Engineering adopted by the University for the various examinations on the lines of those laid down by the Government of Bombay for their Diploma examinations in the branches referred to above.
VII Under the Faculty of Fine Arts		
20 Board of Studies in Painting, Sculpture and Applied Arts	26-9-1953 (13-2-1954)	1 Recommended courses in Textile Design.
		2 Recommended the post-graduate courses in Art Education, Art Criticism and Applied Arts.
		3 Recommended to introduce post-graduate courses in Painting and Sculpture prepared by the Board and appointed a committee to work out the details.
	13-2-1954 (13-2-1954)	1 Recommended the courses in Painting, Sculpture and Applied Arts upto post-graduate level as submitted by the committee, with some modifications.
		2 Recommended the scheme for Certificate course in Bronze Casting.

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		3	Recommended modifications in the admission requirement for the degree course.
		4	Recommended that Post-Diploma courses in Painting, Sculpture and Applied Arts be allowed to be offered.
21 Board of Studies in Architecture	8-9-1953 (13-2-1954)	1	Recommended rules regarding the standard of passing at the Diploma examination in Architecture.
	19-4-1954 (21-1-1955)	1	Recommended a detailed syllabus for the five year course for the degree of Bachelor of Architecture (B. Arch.).
22 Board of Studies in Music, Dance and Dramatics	3-10-1953 (13-2-1954)	1	Recommended a detailed scheme of examination in degree courses.
		2	Appointed three committees for preparing draft post-graduate courses in Music, Dance and Dramatics and recommending text-books for the degree courses.
		3	Recommended courses in light, colour and sound.
		4	Recommended the minimum age limit for admission to Diploma courses.
		5	Recommended a scheme for organising a full museum.
	13-2-1954 (13-2-1954)	1	Recommended for approval the post-graduate courses in Music prepared by the sub-committees.
23 Board of Studies in Museology	20-9-1953 (13-2-1954)	1	Recommended the detailed scheme of examination in Museology.
VIII Under the Faculty of Home Science			
24 Board of Studies in Home Science	26-9-1953 (26-9-1953)	1	Recommended the scheme regarding the conduct of the final comprehensive examinations in the Majors—Foods and Nutrition and Child Development for the final year students.

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		2	Recommended the conditions for admission of special students.
	15-2-1954	1	Approved the suggestions for offering the electives (a) School Lunch, and (b) Institution Management.
IX Under the Faculty of Social Work			
25 Board of Studies in Social Work	23-11-1954 (24-11-1954)	1	Recommended the courses and reading list for the year 1954-55.
		2	Recommended that a full board consisting of seven members be appointed at the subsidiary examination also.
X Under the Joint Faculties of Arts, Science and Commerce			
26 Board of Studies in Mathematics	19-9-1953 (7-2-1954)	1	Recommended that 'Education' be not allowed to be offerred as an allied subject to Mathematics at the B. A. (Special) examination.
		2	Recommended modifications in the syllabus in Mathematics for the B.Sc. (Subsidiary) examination.
		3	Considered the relevant extract of the minutes of the meeting of the Philologists' Committee held at New Delhi on 20-3-1952 and recommended that the present mathematical formula and symbols be continued as at present.
	24-1-1954 (7-2-1654)	1	Recommended rearrangement of the course on Complex Variables-Paper IV and B.Sc. (Principal) examination.
		2	Recommended further revision in the syllabi in Mathematics for the B.Sc. (Subsidiary) examination.
		3	Recommended some changes in the syllabus for Mathematics at the (1) M.A. and M.Sc. examination and (2) B.Sc. examination.

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27 Statistics and Actuarial Science	19-9-1953 (7-2-1954)	1 Recommended that 'Education' be not allowed to be offered as an allied subject to Statistics at the B.A. (Special) examination. 2 Considered the relevant extract of the minutes of the meeting of the Philologists' Committee held at New Delhi on 20-3-1952 and resolved that the same be recorded.
28 Geology and Geography	23-11-1953 (7-2-1954)	1 Recommended that 'Education' be allowed to be offered as an allied subject to Geography at the B.A. (Special) examination. 2 Considered the relevant extract of the minutes of the meeting of the Philologists' Committee held at New Delhi on 20-3-1952 and recommended that the matter be placed before the next meeting of the Board after the members go through the relevant pamphlets. 3 Recommended that Geography be included as a subject under the Faculty of Science. 4 Recommended to discontinue teaching of Geology at the Intermediate stage.
29 Joint meeting of the Boards of Studies in (1) Physics and Meteorology (2) Mathematics, and (3) Statistics and Actuarial Science	19-9-1953 (7-2-1954)	1 Considered Resolution No. 2 of the Board of Studies in Mathematics passed at its meeting held on 30-11-1952 regarding (a) dropping of Complex Variables at the B.Sc. examination (b) modifying the syllabus in Mathematics for the B.Sc. (Subsidiary) examination and (c) other changes in the syllabus of Mathematics at the B.Sc. (Principal) examination, and recommend that

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		(a) the paper of Complex Variables be replaced and that only those students who have taken Statistics as the Principal subject at the B.Sc. be allowed to offer the same. (b) the modified syllabus at the B.Sc. (Subsidiary) examination be referred back to the Board for reconsideration.
30 Joint meeting of the Boards of Studies in (1) Mathematics and (2) Statistics and Actuarial Science	22-11-1953 (7-2-1954)	Recommended detailed syllabus for the Paper on Group Theory and N. dimensional Geometry allowed to be offered by students taking Statistics as the Principal subject at the B.Sc. examination.
XI Under the Joint Faculties of Arts and Commerce		
31 Economics	24-9-1953 (7-2-1954)	1 Recommended that 'Education' be not allowed to be offered as an allied subject to Economics at the B.A. (Special) examination. 2 Recommended the syllabus for the M. Com. examination in (1) Advanced Economic Theory and (2) Economics of Agriculture and Co-operation with special reference to India as prepared by the Committee appointed by the Board. 3 Recommended books for the Intermediate Arts, and Commerce, B.A. and M.A. (A Group) examinations. 4 Considered the relevant extract of the minutes of the Philologists' Committee held at New Delhi on 20-3-1952 and recommended that experts committee be appointed by the University and the Gujarat University to prepare a list of technical terms in regional language.

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32 Politics and Administration	28-9-1953 (7-2-1954)	1 Recommended that 'Education' be not allowed to be offered as an allied subject to Politics at the B.A. (Special) examination. 2 Considered the relevant extract of the minutes of the meeting of the Philologists' Committee held at New Delhi on 20-3-1952 and recommended that the terms relating to Political Science be framed in consultation with the Head of the Department of Politics.
Joint meeting of the Boards of Studies in (1) Economics and (2) Commerce	24-9-1953 (7-2-1954)	1 Recommended that Commerce graduates be allowed to appear at the B.A. (Special) examination on certain conditions.
XII Under the Joint Faculties of Science and Medicine		
33 Joint meeting of the Boards of Studies in (1) Zoology and (2) Anatomy and Physiology	21-9-1953 (28-3-1954)	1 Recommended that there should be a B.Sc. degree in Anatomy, and Physiology. 2 Recommended that the Master's degree should be styled M.Sc. Anatomy and M.Sc. Physiology and not M.Sc. Comparative Anatomy and M.Sc. Comparative Physiology respectively. 3 Recommended the courses for the B.Sc. and M.Sc. examinations in Anatomy and Physiology.
34 Joint meeting of the Boards of Studies in (1) Chemistry and (2) Anatomy and Physiology	21-9-1953 (17-12-1953)	Recommended that students who have passed B. Pharm. degree examination of the Gujarat University or an examination equivalent thereto be admitted to the M.Sc. courses in Biochemistry.

CHAPTER VI—OTHER BOARDS AND COMMITTEES

1. General.

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 Hand Book Part I, 1954. The work done by some of these bodies during the year is mentioned below.

2. Council of Post-Graduate Studies and Research.

The Council met twice on the 27th July, 1953 and the 17th December, 1953 and considered 35 items. Some of the important resolutions were as under :—

(i) Recommended the time limit to be prescribed after which the registration of a Ph.D. student, should be cancelled, if he does not begin work within a reasonable time on his subject after his registration.

(ii) Recommended Ordinances for Ph.D. for approval.

(iii) Recommended teachers for recognition as postgraduate teachers.

(iv) Recommended recognition of some higher Research Institutes and Laboratories for post-graduate studies.

(v) Recommended the names of the referees to be invited for examining three Ph.D. theses.

(vi) Recommended that the Editor, University Journal should not publish any article in the University Journal unless it is approved by the experts concerned.

(vii) Recommended approval of the draft Ordinances of some post-graduate degrees and post-graduate diplomas in the Faculty of Medicine.

(viii) Recommended for approval schemes of research work in some departments and the continuation and appointment of Research Assistants therein.

(ix) Recommended that the language test is not necessary for Ph.D. in Home Science.

3. Standing Committee on Equivalence of Examinations.

The Committee met twice on the 27th July, 1953 and the 11th January, 1954 and considered 22 items. Some of the important resolutions were as under :—

(i) Considered the question of recognition of the examinations of the Osmania, Agra, Bombay, Gujarat, Visva-Bharati, Patna and Bihar Universities.

(ii) Recommended that the Post-school Certificate Course examination of Malaya be considered as equivalent to the Inter Science examination of this University.

(iii) Recommended that the Students' examination of Sweden be considered as equivalent to the S.S.C. examination and Matriculation examinations of any Statutory University in India.

4. Shri Sayaji Sahityamala Publications Committee.

The Committee met once during the year on the 28th June, 1954 and considered 14 items. Some of the important recommendations were as under :—

(i) Three manuscripts duly approved by the experts were recommended for publication.

(ii) Two manuscripts were referred to the experts for their opinion.

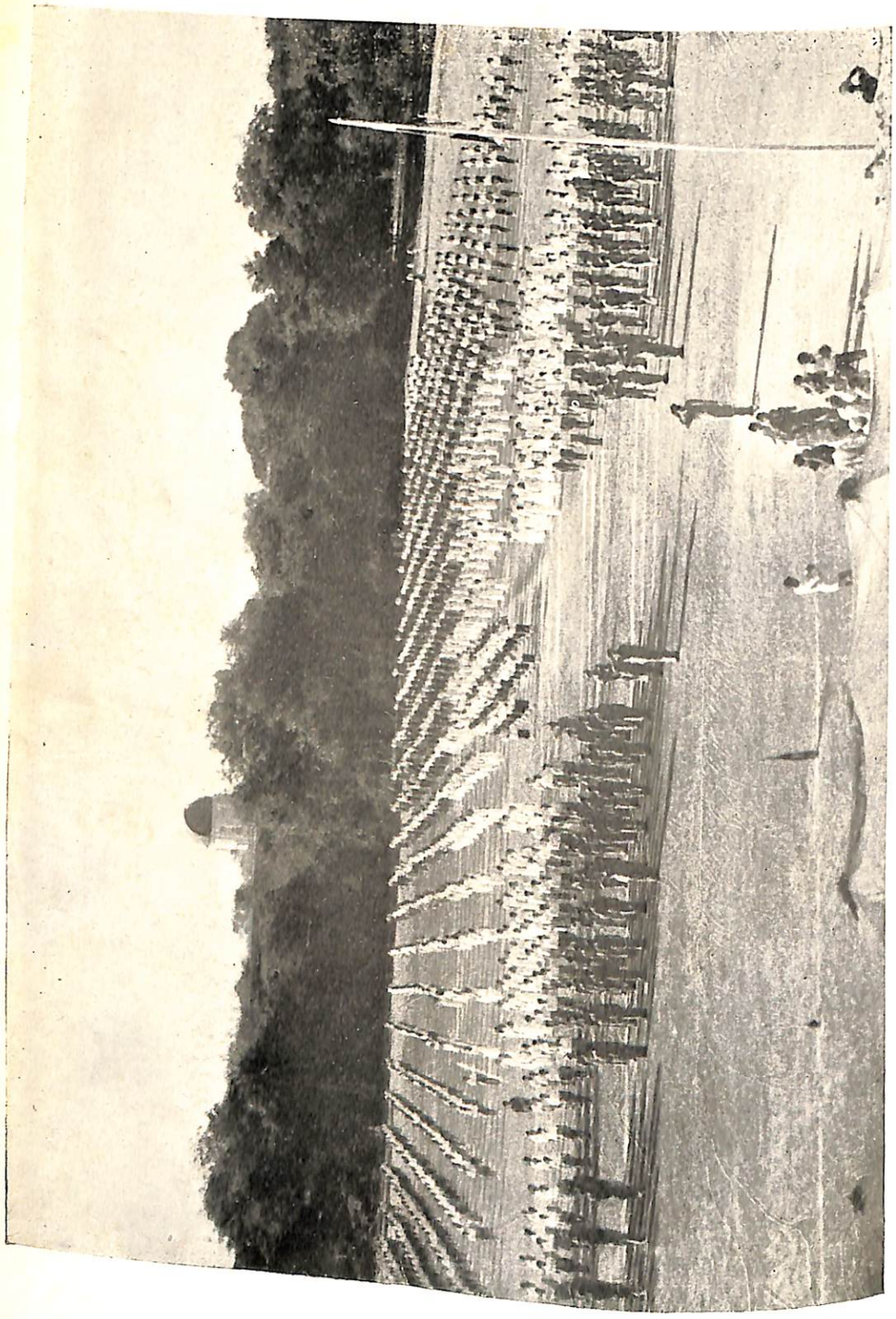
(iii) Some suggestions were made for wide publicity for the sale of Mala Books.

5. Finance and Establishment Standing Committee.

The Committee held nine meetings during the year and submitted its recommendations on the same day to the Syndicate on 117 items concerning additional establishments, increase of grants, purchase of equipments, 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.

6. Insvestment Committee.

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



Flag Salutation by the N.C.C., A.C.C., 29th November, 1953.

7. Publication Board.

The Publication Board met once during the year on the 14th October, 1953 and considered seven items. The following were the important recommendations made by the Board :—

1 The publication of Manual of Norms for Koh's Blocks and Pass along Tests by the University at the approximate cost of Rs. 450/- and Rs. 50/- respectively.

2 The publication by the University at the approximate cost of Rs. 900/- of—

(i) A bibliography of books on Education for Secondary Schools

(ii) A brochure on Universities in Ancient India, and

(iii) A booklet on lesson plans on teaching different subjects in Secondary Schools.

3 A grant of Rs. 600/- be paid to the Conference of Training Colleges for publication of the proceedings of the Session to be held at Aligarh in January, 1954.

4 The report that Rs. 22,000/- have been sanctioned for the publication of works in the Gaekwad Oriental Series in the Oriental Institute for the year 1953-54 be noted.

5 The publication of the works in Gaekwad Oriental Series sanctioned by the ex-Baroda State and the new works be approved.

8. 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, hand-books, etc. were collected and supplied to the students for reference in the office. Necessary information and advice was also given to students. No meeting of the Bureau was held during the year.

9. N. C. C. Senior Division Advisory Committee.

The Committee held one meeting during the year on the 29th June, 1954 and considered nine items concerning the N.C.C. and submitted its recommendations thereon to the Syndicate. The following were some of the important recommendations :—

(i) Recommended that a Committee be formed to select young teachers from amongst the staff for training as N.C.C. officers.

(ii) Recommended to request the Bombay State N.C.C. Advisory Committee to expand the 6th Bombay Battalion in to a 3 Company Battalion and to raise
  (a) One Medical Platoon
  (b) One Engineering Platoon
  (c) One Girls' Division N.C.C. Company.

(iii) Recommended to request the Government for necessary grants for providing facilities for armoury and stores.

10. Library Committee.

The Committee met once during the year on the 25th August, 1953 and considered six items. The following were the important items considered by the Library Committee :—

(i) The total amount of Rs. 20,000/- of the Book grant was allocated amongst the various departments.

(ii) Recommended vendors for University Institutions and University Library for the supply of books from the year 1953-54.

(iii) Recommended that the Book Exchange arrangement with the United States Department of Agriculture Library, Washington 25, D. C. be approved.

11. University Board of Sports.

The Board held four meetings during the year and considered 23 items. The following were some of the important items considered by the Board :—

(i) The different Committees to select the University teams to represent the University in various games at the Inter-University Tournaments for the year 1953-54, were appointed.

(ii) Recommended rates of travelling allowances to be paid to the students going out of Baroda to near about places to participate in games.

(iii) Recommended the rates of honorarium to be given to the Student Leaders working for A.C.C., and the Company Commanders or Platoon Commanders.

(iv) Recommended that an organisation of expert coaches in various major games be formed at the Inter-University level, and their services be made available to Universities by rotation.

(v) Recommended to send University teams in Hockey, Cricket and Badminton to participate in Inter-University tournaments.

(vi) Considered the allocation of the budget for the Board of Sports to the different games and activities.

(vii) Recommended the organisation of a few games for ladies.

(viii) Recommended that the University Board of Sports be placed in charge of conducting the annual sports every year.

(ix) Recommended to approve certain alterations in the design of the University crest and colours.

(x) Recommended changes in the constitution of the University Board of Sports.

12. Wardens' Committee.

The Committee met twice during the year and made 8 recommendations. The following were the important recommendations made by the Committee :—

(i) Recommended that a small size re-admission forms for the Halls be printed.

(ii) Recommended that a Hostel Day be celebrated.

(iii) Recommended the allocation of the residential accommodation to the students of the different Faculties.

13. Board of Extra Mural Studies.

The Board met once during the year on the 25th September, 1953 and made recommendations on the following nine items :—

(i) University Extension Lectures.

(ii) Inviting visitors.

(iii) Excursions, Tours, Visits.

(iv) Exhibition of educational films.

(v) Arranging exhibitions on various subjects.

(vi) Organising celebrations, demonstrations, etc. establishment and co-ordination of the work of societies, clubs, etc.

(vii) Setting up and looking after libraries and reading rooms.

(viii) Schemes of seminar, tutorials, etc.

(ix) Inter-Collegiate debates, Inter-University debates, etc.

The report of the Deans on the various activities conducted during the year 1952-53 was noted. The amount of Rs. 1,000/- provided in the budget for the Extra Mural activities was allocated to different Faculties.

14. Board of Accounts.

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

(i) General Reports of the Internal Auditor and the External Auditor for the period the 1st July, 1951 to the 30th June, 1952 along with the Accountant's explanations on the points raised by them.

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

The report of the Board of Accounts made under Statute 107 was placed before the Syndicate and the Senate.

15. Textile Technology Advisory Committee.

The Committee met twice during the year on the 26th September, 1953 and the 16th January, 1954 and made recommendations to the Syndicate. Some of the important items considered by the Committee were as follows :—

(i) Considered the quotations received in connection with the air-conditioning of the Textile Testing Laboratory.

(ii) Recommended the placing of orders for equipments at a total cost of Rs. 53,886.

(iii) Recommended the purchase of two Shirley Weft Unwinding Tension meters at a cost of Rs. 2,000/-

(iv) Recommended the purchase at a total cost of Rs. 1,625 of :—
(1) Electric Motor 3 H. P. for Ring doubling frame
(2) Shirley Viscometer
(3) One Electric Motor for Thies Dyeing Machine 1½ H. P.

(v) Recommended sanction of an additional amount of Rs. 8,575/- to cover the cost of customs and other incidental charges for the 14 machines and apparatus of the Textile Chemistry Department already ordered.

16. Sheth U. P. Ayurvedic Research Unit Committee.

The Committee met once during the year on the 11th October, 1953. The following were come of the important recommendations made to the Syndicate :—

(i) Approved the following recommendations of the Sub-Committee meeting held on the 11th October, 1953 :—

(a) For research work, लोह and preparation containing लोह which would include पारद and गंधक as well should be taken up.

(b) The Diseases जलोदर, संग्रहणी and पांडु be taken for investigation.

(ii) Recommended approval of the Research Scheme for investigation in Praktiti submitted by Dr. J. D. Pathak and to sanction two posts for the scheme.

(iii) Recommended sanction of the additional post of one Assitant Vaidya and two Laboratory Attendants.

(iv) Recommended the site for placing the bust of the late Sheth Ujamshi Pitamberdas in the Medical College.

(v) Recommended that the Research Vaidya be requested to keep a note of claims of 'Cures' with Ayurvedic remedies reported to the Unit.

17. Selection Committee for the Junior posts.

The Selection Committee held fifty two meetings during the year and selected 67 candidates for the various posts in the University.

18. Building Committee.

The Committee held one meeting on the 6th March, 1954 and recommended some of the requisitions received from the Deans of Faculties and Heads of Institutions regarding additions and alterations and repairs in their respective buildings.

19. Press Supervisory Committee.

The Committee met ten times during the year and submitted 47 recommendations to the Syndicate, concerning additional establishment, purchase of equipments, stationery and such other requirements of the Press.

20. Boards of Visitors.

The following Boards of Visitors met once during the year and submitted their reports. Some of the important recommendations made by the respective Boards are enumerated below :—

Name of the Board of Visitors with the date of the meeting		*Recommendations*
1 Faculty of Arts 17-11-1953	(i)	Poor Boys' Library, which forms a part of the Students' Reading Room be encouraged.
	(ii)	Recommended that courses in Politics for B.A. (Special) examination be introduced from June, 1954.
	(iii)	Recommended that instruction in Ardhamagadhi be started in the First Year Arts from June, 1954.
	(iv)	The post of a Research Assistant in the Department of Gujarati be made permanent, in view of the nature of the work done in the Department.
2 Faculty of Scence 16-11-1953	(i)	Recommended that the desirability of having Indurtrial Statistics (practical) as a part of the Statistics course be considered.
	(ii)	Recommended that the amount of the Fellowships given to the students be increased to Rs. 100/- p.m.
	(iii)	Recommended that the desirability of reducing the number of lecture periods as well as the routine work of the departments who are doing and/or guiding research be considered.
	(iv)	Recommended abolition of the practice of dictating notes to the students.
	(v)	Recommended the starting of post-graduate instruction in Bio-chemistry.
	(vi)	Recommended that Geology as subsidiary subject be continued for a period of three years at the B.Sc.
3 Faculty of Education & Psychology 12-12-1953	(i)	Recommended that it is desirable to have open-shelf system in the Faculty Library as far as possible.

Name of the Board of Visitors with the date of the meeting		*Recommendations*
	(ii)	Recommended that the degree students be encouraged to go to the Baroda Museum for general instruction.
	(iii)	Recommended that all the students in the Faculty be given instruction in the use of a film projector and taught how to fit a film strip in the projector.
	(iv)	Recommended that the M.A. course in Psychology be started from June 1954.
4 Faculty of Commerce 12-12-1953	(i)	Recommended that the Library and the reading room of the Faculty be further expanded.
	(ii)	Recommended that it is desirable to introduce courses in Public Administration and Business Administration.
	(iii)	Recommended that the Department of Economics and Politics be transferred to the Faculty of Commerce.
5 Faculty of Medicine 17-1-1954	(i)	Recommended to request the Government that ordinarily no student should be admitted later than one month after the commencement of the term.
	(ii)	Recommended to expedite the purchase of more books, and back numbers of certain important journals in medicine and allied subjects for the library of the Faculty.
	(iii)	Recommended that the Library be kept open for longer hours *i. e.* till 10-0 p.m.
	(iv)	Recommended the re-distribution of lectures in certain subjects.
	(v)	Recommended that a more active effort in preparing a suitable museum for medico-legal instruction is necessary.

Name of the Board of Visitors with the date of the meeting	*Recommendations*
	(vi) Recommended that the post of one Assistant Honorary in the Ante-natal department and of a Resident Pathologist to attend to urgent cases be created and filled up.
	(vii) Recommended to provide a laboratory for each ward.
	(viii) Recommended some new posts for the new out-patient department.
6 Faculty of Technology (including Engineering) 15-2-1954	(i) Recommended the installation of the Babcock and Wilcox Water-tube Boiler and the Fuel-research unit.
	(ii) Recommended the purchase of some equipments for the Electrical Engineering and Tele-communication Laboratories and the department of Architecture.
	(iii) Recommended that the Master's Degree courses in Civil, Mechanical and Electrical Engineering be started.
7 Faculty of Fine Arts 14-11-1953	Recommended that the Faculty be directed to
	(i) participate in various Art-Exhibitions in India and abroad by sending the works of the students for the exhibitions.
	(ii) consider the possibility and desirability of lightening the courses of study without affecting standards.
	(iii) consider the possibility and desirability of starting evening classes for preparing students for the Intermediate Drawing Examination.
8 Faculty of Home Science 16-2-1954	(i) Recommended the necessity of (a) A Patrol Gas Plant for 60 burners. (b) Drinking water fountain.

Name of the Board of Visitors with the date of the meeting	*Recommendations*
	(ii) Recommended some additional teaching posts in the Faculty.
	(iii) Recommended that the post-graduate courses in the Faculty be started.
	(iv) Recommended that two new courses, School Lunch and Institution Management be started.
	(v) Recommended that the Faculty Library be given a special grant for books.
	(vi) Recommended some additions and alterations to the Faculty building.
9 Faculty of Social Work 19-11-1953	(i) Recommended that a new building for the Faculty is necessary.
	(ii) Recommended that the scheme of in-service-training be tried for one year.
	(iii) Recommended that a new post of a Senior Lecturer in Juvenile Deliquency and Criminology be created in the Faculty.
10 Oriental Institute 18-11-1953	(i) Recommended that arrangements be made for the microfilming of manuscripts.
	(ii) Recommended that standardisation regarding typography be carried out by the Institute.
11 College of Indian Music, Dance and Dramatics 14-11-1953	(i) Recommended that admissions to the first year classes for the degree courses be increased upto 25.
	(ii) Recommended that some special grants for the library be given for some years.
12 Intermediate College 18-11-1953	(i) Recommended admission of 125 to 150 students in each division.
	(ii) Recommended that library of the College be kept open for longer hours.

21. Students' Welfare Board.

The Board met once during the year on the 25th June, 1954 and explored various possibilities of providing part-time employment to poor, needy and deserving students of the University.

The following were the important recommendations :—

(i) that the annual polishing of furniture in University Institutions be done by the students during the holidays and vacation.

(ii) that some students be employed for the book binding or job work in the University Library.

(iii) that a suitable garden work or manual labour work be provided by the University Engineer.

(iv) that fresh efforts be made to seek the co-operation of Industrial and Commercial concerns in Baroda City in the task of securing part-time employment for such students.

(v) that a Cafeteria be started in the Faculty of Arts with the help of some students.

22. Deans' Committee.

The Committee met five times during the year. Ths following were some of the important recommendations made by the Committee to the Syndicate :—

1. That a uniform form for maintaining a Students' Register in all Faculties and Institutions be devised.
2. Recommended rules for the appointment of Research Assistants particularly the duties and work of Research Assistants, the agreement to be entered into, the amount of Assistantship, its refund in case of unsatisfactory work etc.
3. Recommended to invite American Professors for lectures in the different Faculties.
4. Recommended to grant permission to B. Com students to appear at the B. A. examination of this University.
5. Recommended suggestions on the report of the Youth Leadership Training Camp held in Kashmir and Mahabaleshwar.

6. Recommended ways and means for a proper ' follow up ' work after the annual medical examination of the students in the following manner :—

Each Dean or the Head of the Institution may appoint from amongst his staff a Supervisor for each group of 10 to 15 ' follow up ' students. The duty of the Supervisor will be to see that the students act upon the instructions given to them by the Medical Examination Board or its Convener, and to report to the Dean or the Head in the matter from time to time till the students complete the medical treatment suggested for them.

CHAPTER VII–RESEARCH WORK IN THE UNIVERSITY

The research work done by the members of the staff of the University is being published in the Journal of the Maharaja Sayajirao University of Baroda. The Journal entered into second year of its publication. The Advisory Board was reconstituted during the year. Shri C. M. Shukla was appointed the Editor and the following members were appointed on its Advisory Board :—Dr. N. M. Bhatt, Professor B. J. Sandesara, Professor M. N. Srinivas, Shri N. S. Bendre, Dr. S. M. Sethna and Dr. B. Subbarao.

During the year under report, post-graduate and research work was done in the Faculties of Arts, Science, Education and Psychology, Commerce and Social Work. 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 :—

Department and Guide	*Degree*	*Subject of Research*
	I FACULTY OF ARTS	
Archæology		
Shri R. N. Mehta	Ph.D.	Archaeological Survey of Central and Southern Gujarat.
Shri P. P. Pandya	Ph.D.	Archaeological Exploration in Saurastra.
Gujarati		
Professor B. J. Sandesara	Ph.D.	A Critical Survey of Old Gujarati Literature along with study of the cultural data supplied by it.
	Ph.D	A Critical Study of the Jnanagita of Narahari along with a study of the Jnanamargi poets in Old Gujarati Literature.
	Ph.D.	A Critical Edition of Sinhasan Batrisi (1463) of Malaya Chandra and a comprehensive study of the story cycles of Sinhasana Bartisi in Old Gujarati Literature.
	Ph.D.	The Dialect of Charotar Linguistic Study.

Department and Guide	*Degree*	*Subject of Research*
	Ph.D.	Influence of Suddhadwaita Philosophy on Old Gujarati Literature with special reference to Dayaram.
Economics		
Shri H. C. Malakani	Ph.D.	A Socio-economic Survey of Displaced persons in Rajasthan.
Sociology		
Professor M. N. Srinivas	Ph.D.	The Merhs of Saurastra.
	Ph.D.	The Bhils of Gujarat.
	Ph.D.	The Muthuvans of Travancore.
	Ph.D.	A West Bengal Village.
	Ph.D.	A Tanjore Village.
Dr. I. P. Desai	Ph.D.	High School students in Baroda.
	Ph.D.	Caste in South Malabar.
	Ph.D.	Social Background of High School students in Kaira District.
	ORIENTAL INSTITUTE	
Professor G. H. Bhatt	Ph.D.	Swami Dayanand Sarasvati's contribution to Vedic Studies.
	Ph.D.	Cultural history from the Matsya Purana.
	Ph.D.	Ideals of Social Life as depicted in Ramayana.
	Ph.D.	Critical Study of Magha's Sisupalavadha.
	Ph.D.	Origin and Development of Dattatraya worship in India.
	Ph.D.	Bharavi-A Study.
	II FACULTY OF SCIENCE	
Chemistry		
Dr. S. M. Sethna	Ph.D.	Studies in Kostamecki Robinson Reaction.
	Ph.D.	Studies in chalkones.
	Ph.D.	Studies in Quinoline derivatives.
	M.Sc.	Bromination of Coumarins
	M.Sc.	Nutrient Components of Guar.
	M.Sc.	Electrolytic reduction of Glucose.
	M.Sc.	Chemical Investigation of Indian Medicinal plants.
	M.Sc.	Studies in 4-Hydroxy Coumarin derivatives.

Department and Guide	*Degree*	*Subject of Research*
Botany		
Dr. V. G. Phatak	Ph.D.	Cytoembryology on (1) Mimosae (2) A canthaceae (3) Euphorbiaceae (4) Rutaceae.
Dr. A. R. Chavan	Ph.D.	Anatomy of Vitaceae.
Zoology		
Dr. J. C. George	Ph.D.	Studies in Morphologico Physiological aspects of vertebrate life.
	M.Sc.	Morphologico Physiological evolution of avian muscle.
	M.Sc.	Seasonal Variation in blood glucose of R. tigrina.
	M.Sc.	Seasonal Variation of fat content in hepato-pancreas of some crustacea.
	M.Sc.	Study of musculature of garden lizzard.
III FACULTY OF EDUCATION AND PSYCHOLOGY		
Professor T. K. N. Menon	Ph.D.	An Intensive Study of 100 teachers under Training.
	Ph.D.	Formation, Administration and Standardisation of Silent Reading Test in Gujarati.
	Ph.D.	An Inquiry into the Score at the Progressive Matrics Test of Primary School Children.
	Ph.D.	An Investigation of the Artistic Activities of 100 Children upto 6 yrs.
	Ph.D.	The Effect of Home Environment on School Achievement.
	M.Ed.	A Study of Problems relating to the Welfare of Secondary Teachers.
	M.Ed.	Progress of Physical Education, Ancient to Modern.
Dr. N. S. N. Sastry	M.Ed.	Influence of Attitudes on Educational Achievements with special reference to the Emotion 'Fear'.
	M.Ed.	Influence of Attitudes on Educational Achievements with special reference to the Emotion 'Anger'.

Department and Guide	*Degree*	*Subject of Research*
Professor R. V. Parulekar	Ph.D.	Education in Kaira District—Its Past, Present and Future.
	M.Ed.	A Survey of the Educational Progress in the District of Broach from 1940 to 1950.
	M.Ed.	A survey of the Basic Education in the Surat District from 1940 to 1950.
	M.Ed.	A Survey of the Educational Progress in the Kaira District from 1940 to 1950.
	M.Ed.	Wastage and Stagnation in Secondary Education with particular reference to Secondary Schools of Baroda City.
	M.Ed.	A Study of Public primary schools in the Broach District.
Shri P. K. Chhatre	M Ed.	A Comparative Study of the Courses and System of S. S. C. Examination in the States of Bombay, Madras and Uttar Pradesh
Shri D. G Apte	M.Ed.	A Critical Study of the text-books in Sanskrit used by the Secondary Schools in the State of Bombay.
	M.Ed.	Maharaja Sayajirao as an Educationist.
Dr. M. S. Patel	Ph.D.	Achievement Tests for Primary Schools—Their Construction and Standardisation.
	M.Ed.	Training of Primary Teachers in Bombay State.
	M.Ed.	A Critical Study of the existing text-books in English used by Secondary Schools in the State of Bombay.
	M.Ed.	Hundred years of Education in Saurashtra.
	M.Ed.	A Critical Study of the System of School Teaching Practice in the Secondary Training Colleges in Bombay State.
Shri T. P. Lele	M.Ed.	Construction and Standardisation of Achievement Test in Arithmetic.

Department and Guide	*Degree*	*Research*
	M.Ed.	Norms, Reliability and Validity of a Group of Performance Test as applied to Gujarati Children.
	M.Ed.	Construction and Standardisation of Diagnostic Tests in Basic Arithmetic Skills.
	M.Ed.	A Study of the Backwardness of Children in Arithmetic (Std. VIII, IX and X).
Shri L. J. Bhatt	M.Ed.	Norms, Reliability and Validity of a Group of Performance Test as Applied to Gujarati Children.
	M.Ed.	An Investigation to study Human Relationships in a Secondary School.
Shri K. S. Yagnik	M.Ed.	A Study of primary school Teachers in the Rural Area of the Navsari Taluka in relation to the reorganisation of Rural Schools in Gujarat.
	M.Ed.	An Inquiry into the Professional and Economic Aspects of the Relation between Secondary School, Teachers and Administration in Baroda City.
	M.Ed.	An Inquiry into the Professional and Economic Aspects of the Relation between Secondary School Teachers and the Administration in the District Schools of the Baroda District.
Shrimati P. Phatak	M.Ed.	Norms, Reliability and Validity of a Group of Performance Tests as Applied to Gujarati Children.
	M.Ed.	Secondary School Curriculm and Fatigue.
Shri S. C. Parikh	M.Ed.	Construction and Standardisation of Attainment Tests in Algebra for Gujarati speaking Children.
	M.Ed.	A Study of the Backwardness of Children in Arithmetic (primary School children upto Class VII).
Shri N. N. Shukla	M.Ed.	Word Frequency of Gujarati Pupils, age group 5 to 9.

Department and Guide	*Degree*	*Subject of Research*
	M.Ed.	Construction and Standardisation of a group Test of Intelligence in Gujarati.
	M.Ed.	Norms, Reliability and Validity of a Group of Performance Test as applied to Gujarati Children.
	M Ed.	A Survey into the working of a Daltonised Basic School in an Urban Area.
	M.Ed.	An Inquiry into the Attitudes of Secondary School Boys and Girls towards Arithmetic.
Shri A. S. Patel	M.Ed.	Norms, Reliability and Validity of a Group of Performance Tests as applied to Gujarati Children.
	M.Ed.	Evaluation of some Incentives in School Work.

IV FACULTY OF COMMERCE

Professor V. Y. Kolhatkar	Ph.D.	Local Finance of India

V FACULTY OF SOCIAL WORK

(a) Research Studies Completed :

Dr. (Kumari) P. Vakharia	M.S.W.	Case study of 10 Habitual criminals.
	M.S.W.	A Study of Recreation for pre-School age children of a Telugu village.
	M.S.W.	Shoe Shiners in Baroda (A study of Children occupied in shoe shining business in the City of Baroda-Post of Child-Labour)
Professor (Miss) Olive Swoboda	M.S.W.	Case Study of Expectant Mothers conducted in Shri Sayaji General Hospital and Shree Shanta Devi Nursing Home, Baroda.
Shri S. N. Ranade	M.S.W.	Causes, effects and remedies of Industrial Disputes in a group of Textile mills in Ahmedabad.
	M.S.W.	Recruitment, Working condition and Welfare in the Fertilizers and Chemicals Ltd. Alwaye, Travancore.

Department and Guide	*Degree*	*Subject of Research*
	M.S.W.	Recruitment, Working condition and Welfare in Travancore Rayons Ltd. Perumboor, Travancore.
Shri S. N. Ranade	M.S.W.	An enquiry into Industrial disputes in Alwaye, Travancore.
Kumari A. K. Menon	M.S.W.	A Medico-Social Study of Leprosy patients in Bermanda Leprosy Clinic, Calcutta.
Kumari I. D. Malani	M.S.W.	A Study of Recreation and Folk-lore in five villages of Baroda District.
	M.S.W.	A Study of Ashok Vihar.
Kumari S. V. Phadke	M.S.W.	A Study of family budgets of people in a Gujarat village with special reference to the Social life of the people.
	M.S.W.	A Study of Joint Co-operative Farming society in a village of Gujarat (Rasulabad)
Shri W. P. Singh	M.S.W.	A Study of the measures taken by the Northern Railway for the Health and Welfare of the workers, at Kalka Workshop.
	M.S.W.	A study of the workers in Kustur Colliery with special reference to Housing, Education and Leisure time activities.
	M.S.W.	An enquiry into Land Distribution and Nature of Agricultural production in Bil Village, Baroda District.
(b) Research Studies undertaken :		
Dr. (Kumari) P. Vakharia	M.S.W.	A Study of Women patients in Women's Hospital, Talegaon.
	M.S.W.	A study of Institutionalized Children presenting behaviour problems.
Professor (Miss) O. Swoboda	M.S.W.	Case study of T. B. patients in Madanzampa Mission Hospital.
	M.S.W.	A case study of patients in the General Hospital in Bangalore with special reference to their Attitude towards the Surgeon.

Department and Guide	*Degree*	*Subject of Research*
Shri S. N. Ranade	M.S.W.	A study of Welfare Activities in some Textile mills in Delhi.
	M.S W.	A comparative study of Welfare measures in three factories at Alwaye.
	M.S.W.	A study of the Trade Union Movement in Baroda.
	M.S.W.	A study of Welfare activities in Empress Mills, Nagpur.
Kumari A. K. Menon	M.S.W.	A case study of Children suffering from Palisneylities in a State Hospital in Bengal.
	M.S.W.	A study of Attitudes of people towards certain measures of Social Progress in a particular village.
Kumari I.D. Malani	M.S.W.	A study of Welfare activities conducted by the Village Panchayats in some villages of Goregaon district.
	M.S.W.	An evaluation study of the Attitude of people towards Social Education programme in one of the Community Project areas in Bengal.
Kumari S. V. Phadke	M.S.W.	Evaluative study of the nature and extent of people's participation in Chalakudy Community Project, T. C. State.
	M.S.W.	Follow up study of Children released on licence or on probation from Remand Home, Baroda with special reference to their Adjustment.
Kumari J. C. Merani	M.S.W.	Role of Demonstration centres in the development of Rural Areas in Martandam Project.
	M.S.W.	The role of Panchayat in village Welfare activities in two villages in Mehsana district.
	M.S.W.	An evaluative study of the Attitude of people towards Sabarkantha Community Project.
Shri W. P. Singh	M.S.W.	A study of the Rural background of 300 Industrial workers in Indore.

Department and Guide	*Degree*	*Subject of Research*
	M S.W.	Working conditions of Labour employed in Surajpur Cement Factory.
	M S.W.	A study of 10 Village Panchayats in Baroda Taluka.
Shri G. G. Dadlani	M.S.W.	A study of up-bringing of Children in a village to determine the child welfare services needed for the community.

The research work done by the members of the staff themselves is given in the statement below :—

Name of the Department and the teacher	*Subject of Research*
I FACULTY OF ARTS	
Archæology	
Dr. B. Subbarao	Report of the Narbada Valley expedition 1952
Shri R. N. Mehta	Excavation at Langhnaj and Vadnagar
	Excavation at Langhnaj and Vadnagar
Hindi	
Shri U. S. Bhatnagar	Rajasthani Bhasa
Shri B. L. Sinha	Prabhaker and his Poems
Gujarati	
Professor B. J. Sandesara	Critical editions of Prachin Pagu-Sangrah
Philosophy	
Dr. A. G. Javadekar	Ethical implications of Epistemology
Economics	
Shri V. Sunder Rajan	Agricultural Credit in India
Shri H. P. Chokshi	Taxation and Economic Development in India
History	
Dr. S. C. Misra	Muslim History of Gujarat
II FACULTY OF SCIENCE	
Physics	
Dr. D. V. Gogate	Derivation of a theoretical expression for the velocity of Second Sound in a mixture of He^4 He^3

Name of the Department and the teacher	*Subject of Research*
Dr. D. V. Gogate and Shri R. V. Joshi	Investigation of the surface flow of concentrated solutions
Statistics	
Dr. N. M. Bhatt and Shri S. V. Sharma	Medical Inspection Report of Baroda University students from 1950-1952
Shri D. G. Vashi	Survey of Industries in Baroda
Dr. N. M. Bhatt and Professor J. D. Pathak	Survey of Economic Health and Nutrition condition of families of Secondary Teachers of Baroda
Geography	
Kumari V. A. Janaki	Functional structures of towns in Kerala
III FACULTY OF EDUCATION AND PSYCHOLOGY	
Professor T.K.N. Menon	Construction of a Test of Social Intelligence
Dr. S. N. Mukerji	The Role of Higher Education in the Rural Development of India
Shri D. G. Apte	A Treatise on "The Background of Hindu Education"
	Universities in Ancient India
Shri T. P. Lele	Minnesota Manual Dexterity Test-Norms for the S.S.C. students
	A Psychological Test for University Entrants
	A Group Test of Intelligence
	General Information Test
	Effect of Teaching various subjects on Memory
	Construction of a Clerical Aptitudes Test
	Construction and Standardisation of a Hand Writing Scale
Shri L. J. Bhatt	A Psychological Test for University Entrants
	Job Analysis of Jobs in Textile and Chemicals
	A Test of Family Attitudes

Name of the Department and the teacher	*Subject of Research*
Dr. T. V. Srinivasiah	A study of Personality Traits of Secondary Schools Teachers
Miss J. Dumas	Patterns of Mother—Child Relationship
Shri S. C. Parikh	Fears of Children
	A Psychological Test for University Entrants
	Effect of Home Environment on School Achievement
Shri N. N. Shukla	Construction and Standardisation of Achievement Tests in Physical Education

CHAPTER VIII—FACULTY OF ARTS

1. Buildings.

The Faculty is housed in the East wing of the old Baroda College building, the Sociology Block (near the Intermediate College Office) and the Archaeology 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 the following courses :—

1. *Upto Ph.D.*
   - English
   - Gujarati
   - Marathi
   - Sanskrit
   - Sociology
   - History
   - Philosophy
   - Economics
2. *Upto M.A. only*
   - Persian
   - Psychology. (courses given in the Faculty of Education and Psychology)
   - Statistics.
   - Mathematics.
3. *Only M. A. ond Ph. D.*
   - Ancient Indian Culture and Archaeology.
4. *B.A. Subsidiary and General and M.A. Subordinate,*
   - Pali, Urdu.
5. *B.A. Subsidiary and General and M.A.*
   - Politics, Hindi.
6. *Only B.A. Subsidiary and General.*
   - French, Education.
7. *Upto B.A. only.*
   - Geography

3. Number of Students.

The number of students enrolled in the various classes during the year 1953-54 was as under :—

Class	*Men*	*Women*	*Total*
Jr. B. A.	142	39	181
Sr. B. A.	123	32	155
Jr. M. A.	27	8	35
Sr. M. A.	18	9	27
Ph. D.	9	1	10
Total :	319	89	408

The above figures are taken upto the 20th July, 1954.

4. Staff.

During the year under report the staff of the Faculty consisted of 3 Professors, 7 Readers, 14 Senior Lecturers, 15 Junior Lecturers, 2 Part-time Lecturers, 10 Tutors, 8 Class III and 14 Class IV servants.

5. Library and Reading Room.

The Faculty has a well-equipped library. The libraries of the Faculties of Arts and Commerce are placed under a common management. From June, 1953 the reading room of the Faculty has been organised into a common reading room for 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 of each of the Faculties.

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

Particulars	*Number*
1. Average number of students making use of the Library and Reading Room daily	40
2. Average number of teachers making use of the Library and Reading Room daily	20
3. Total number of books issued to the students during the year	4000
4. Total number of books issued to the teachers during the year	6500

The following figures show the stock and the expenditure on the maintenance of the Library and Reading room during the year 1953-54:—

Particulars	*Number*	*Cost*
1. Books (including back numbers of Journals) on 1-7-1953	23047	Rs. 1,73,605
2. Books written off during the year	....	....
3. Books added during the year	2099	Rs. 8,700
4. Books on 30-6-1954	25146	Rs. 1,82,305
5. Journals subscribed in 1953-54	120	Rs. 1,500
6. Amount spent on binding in 1953-54	....	Rs. 250
7. Total amount spent for Library and Reading Room during the year	....	Rs. 10,450

6 Museum, Laboratories etc.

The Department of Archæology has a Museum and a Studio. Six new show cases and six wall cases were purchased for the Museum during the year and some equipment was added in the Studio. The historical material was displayed in the new cases. The cost of equipment in the Archæology Department is as under:—

Sr. No.	*Item*	*Cost of equipment on 1-7-1953*	*Cost of equipment etc. written off during the year*	*Cost of equipment etc. added during the year*	*Cost of equipment on 30-6-1954*
		Rs.	Rs.	Rs.	Rs.
1	Furniture, equipment, specimens etc.	7536-12-0	....	2071-14-3	9608-10-3

The Department of Sociology has recently started collection of material for a Folk Museum.

7 Publications by the members of the staff.

The following were the publications by the members of the staff during the year 1953-54:—

(*i*) *Articles or Papers:*

Name	*Title*	*Where published*
1 Professor B. J. Sandesara	Some Digambar Jain works composed in Gujarat and Saurashtra.	M. S. University Journal, March, 1954.
	Some important literary references bearing on the history of Fire-works and Fire-arms in India.	Journal of the Gujarat Research Society, July, 1953.
	Great Hindu women of Gujarat and Saurashtra.	The Holy Mother Birth Centenary, Calcutta, January, 1954.
	कान्हडे प्रबंधमां फारसी अरबी मूळना शब्द प्रयोगो	Buddhi Prakash, June, 1954.
	संस्कृत अंबड चरित्रना कर्ता.	Sanskriti, March, 1954.
2 Shri D. M. Patel	Theism and Pantheism.	M. S. University Journal, March, 1954.
3 Dr. A. G. Javadekar	Critique of Sociology of Knowledge.	Proceedings of Indian Philosophical Congress, Baroda, December, 1953.
	Truth and Error in personalist Logic.	M. S. University Journal, March, 1954.
	Synopsis of Paper on "Approach to Reality".	Proceedings of Poona Philosophy Union, August, 1953.

Name	Title	Where published
	Synopsis of paper on "Conception of Dharma".	Proceedings of Poona Philosophy Union, August, 1953.
4 Dr. A. N. Jani	Gopinatha or Bhavadeva, an error of Shri Rajendralal Mitra corrected.	Journal of the Oriental Institute, June, 1953.
	Home of Shri Harsa.	M. S. University Journal, March, 1954.
5 Shri H. C. Malkani	Keynesian Economics in relation to Under-developed countries.	Conference Number of the Indian Economic Association, December, 1953.
6 Dr. M. N. Srinivas	A note on Ayyappa, South Indian Deity.	Professor G. S. Ghurye's 60th Birthday Volume, December, 1954.
	Varna and Caste.	Volume in honour of Professor A. R. Wadia, December, 1954.
	A Caste Dispute among Washermen of Mysore.	Eastern Anthropologist, August, 1953.
7 Dr. I. P. Desai	Caste and Family.	Economic Weekly, February, 1954.
	Primitive Law and Social Anthropologists.	Sociological Bulletin, March, 1954.
	A Note on change in the Caste System (along with Dr. Y. B. Damle)	Professor G. S. Ghurye's 60th Birthday Volume, December, 1954.
8 Shri Y. V. Surendranath	A Note on Religion and Witchcraft amongst the Bhils.	M. S. University Journal, March, 1954.
9 Shri H. R. Trivedi	Some Aspects of Kinship Terminology among the Mehrs.	M. S. University Journal, March, 1954.
10 Dr. B. Subbarao	Arehaeological Sequence of Central India (Jointly with Dr. H. D. Sankalia and Dr. S. B. Dev).	South Western Journal of Anthropology, 1953, Albuqurque, U. S. A.
11 Shri R. N. Mehta	वल्लभ संप्रदायके देवालयोमें ललित कलाए.	पोद्दार अभिनंदन ग्रन्थ, मथुरा.
12 Shri V. Y. Kantak	The Realism of Drama.	The Literary Criterion, Mysore University, 1953.
13 Shri G. B. Pandya	India and Central Asia	Iqbal Narain Gurtu Commemmoration Volume.

(ii) Books:

Name	Title	Name of the publisher with month of publication.
1 Professor B. J. Sandesara	Literary Circle of Mahamatya Vastupal and its contribution to Sanskrit Literature.	Bharatiya Vidya Bhavan, Bombay, July, 1953.
	Nala-Davadanti Rasa (1500 A.D.) of Mahiraja.	M. S. University, March, 1954.
2 Professor M. N. Srinivas	Indian Villages.	Government of West Bengal, 1955.
3 Dr. I. P. Desai	High School Students in Poona.	Deccan College Post Graduate Research Institute, Poona, 1954.

8. Other Literary and Cultural Activities.

Many members of the staff contributed articles on popular themes, delivered public lectures, gave radio talks and were associated with literary and cultural activities in and outside Baroda.

The department of English organised a course of lectures by Mr. J. G. Bruton, Education Officer of the British Council in India on "The Teaching of English at the Universities", from the 28th September to the 3rd October, 1953. The lectures were illustrated by films and recorded renderings of poetry. The teachers of English took part in the discussions that followed. The course proved very helpful in the reorientation of the teaching of English at this University.

Important days like the "Tilak Day," were celebrated. One such event of particular literary significance was the meeting held to mark the passing away of the well-known Gujrati writer Khabardar when an appreciation and an assessment of his work was attempted by members of the staff.

The staff as well as the students of the Philosophy department co-operated in the holding of the Indian Philosophical Congress Session in the University.

9. Co-curicular Activities.

(i) Excursions and tours:

The following Societies and Associations organised excursions to different places as shown below:

1. Philosophy Association : Broach, Kathiawad, Suklatirtha.
2. Economics Association : Kabirvad.
3. Sanskrit Association : Jojwa.
4. English Literary Society : Chandod and Karnali.

(ii) Faculty Societies :

The following Societies functioned during the year under report, each with its distinctive programme.

1. Gujarati Literary Society.
2. Shakespeare Society.
3. History Society.
4. Politics Society.
5. The U. N. O. Society.
6. Marathi Literary Society.
7. Philosophy Association.
8. Economics Association.
9. Sanskrit Association.
10. English Literary Society.
11. Music Circle.

(iii) Socials :

The Faculty Social was arranged on the 9th January, 1954 under the Presidentship of Shrimati Hansa Mehta, Vice-Chancellor. The items included songs, mimics and a tug-of-war between teachers and students which were very interesting. The function concluded after light refreshments were served.

(iv) Sports :

Many students of the Faculty took part in major games of Cricket, Tennis, Volley Ball, Hockey etc. etc. and a number of them were included in the University teams at different tournaments. Various sports were organised under the Faculty auspices and prizes were awarded to the winners. The members of the staff took part in the above sports.

(v) Debates :

Two students represented the Faculty at the M. N. Wadia Trophy debate. Debates were also held by various Associations in the Faculty.

(vi) Film Shows and Exhibitions :

Exhibitions were organised by the departments of Archaeology, History and Gujarati.

(vii) Celebrations :

Important National Days were celebrated.

(viii) Publication of Magazine and Journal :

The Hindi Parishad of the Faculty has started a hand-written Magazine "Arunabha."

The best papers read by the students before the various Societies during the year were selected and published in the "Arts Faculty Brochure."

10. Tutorial and Class Work.

Annually not less than four tutorials per paper for the students of both the Special and General courses were set. Besides, the Terminal and the Annual examinations in the case of Junior B.A. and the Terminal examination in the case of Senior B.A. students were treated as additional tutorials. The tutorials were set and written in the class rooms under the supervision of teachers. The themes were chosen from the portion done during the period. In many departments the tutorials were corrected by the teachers concerned. Where the number of students was above 40 the tutorials were examined by the tutors but here also about 10% to 20% of the scripts were examined by the teachers concerned. The mistakes were explained to students individually or in groups, additional general hints regarding improvement being given to the whole class at the proper time.

The tutorial system is working satisfactorily and it has been noticed that it does help the students to understand their subjects better and to express themselves more effectively. It has been the impression of many teachers that the students have learnt to take their tutorials more seriously than before. They also help to establish a more intimate contact between the teacher and the student.

11. Other Important Events.

Many distinguished persons visited the Faculty and delivered lectures. Among them were :—

	Name	*Subject of the lecture*
1	Principal S. V. Dandekar	Dyaneshwar
2	Shri Taraka Tirtha Joshi	The Role of Students
3	Shri B. T. Thakur	Standard of Living
4	Dr. Shivamangal Singh "Suman"	Progressive Hindi Literature
5	Professor N. D. Vajapeyi	Progressive Hindi Literature
6	Mr. J. G. Bruton	The Teaching of English
7	Professor Redding	American Literature
8	Mr. D. F. Pocock	Patidar Hypergamy

CHAPTER IX—FACULTY OF SCIENCE

1. Buildings.

There are no additions or alterations to the main building.

2. Courses of Studies.

The Faculty provides instruction in Physics, Chemistry, Botany, Zoology, Mathematics 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. During the year, Geology was introduced as a Subsidiary and a Principal subject for B.Sc. and M.Sc. in Statistics was started with 4 students.

3. Number of Students.

The number of students enrolled in the various classes during the year 1953-54 was as under :—

Class	*Men*	*Women*	*Total*
First Year Science	346	29	375
Inter Science	314	10	324
Junior B.Sc.	179	16	195
Senior B.Sc.	147	13	160
M.Sc.	65	5	70
Ph.D.	4	—	4
Total :	1055	73	1128

4. Staff.

During the year under report the staff of the Faculty consisted of 1 Professor, 8 Readers, 8 Senior Lecturers, 16 Junior Lecturers, 30 Demonstrators, 3 Tutors, 27 Class III and 30 Class IV staff.

Dr. Vachaspati, Reader in Mathematical Physics at the Physical Research Laboratory Ahmedabad delivered a course of 20 lectures as a Visiting Professor, on Mathematical Physics *e.g.* Tensors Poisson's brackets, classical Mechanics, Elements of Quantum Mechanics.

5. Library and Reading Room.

The staff and the students of the Faculty make use of the common Reading Room for the Faculties of Arts, Science and Commerce and figures of the average number of staff members and students of this Faculty taking advantage of the Reading Room are included in the figures given for the Reading Room of the Faculty of Arts.

The Faculty has a separate well-equipped Library. The following figures show the stock and the expenditure on the maintenance of the Library and the Reading Room during the year 1953-54 :—

	Particulars	*Number*	*Cost*
1	Books (including back numbers of Journals) in the library on 1-7-1953	5199	Rs. 62,356
2	Books written off during the year	24	Rs. 250
3	Books added during the year	287	Rs. 4,845
4	Books on 30-6-1954	5462	Rs. 66,951
5	Journals subscribed in 1953-54	57	Rs. 3,047
6	Amount spent on binding in 1953-54	163	Rs. 431
7	Total amount spent on Library and Reading Room during the year	—	Rs. 8,323

6. Museum, Laboratories, etc.

The Faculty has uptodate laboratories for practical work 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 as on 1-7-1953* Rs.	*Cost of equipment written off during 1953-54* Rs.	*Cost of equipment added during 1953-54* Rs.	*Cost on 30-6-1954* Rs.
Chemistry	3,33,850	—	16,000	3,49,850
Physics	1,29,963	—	24,400	1,50,363
Botany	1,08,159	305	7,406	1,15,260
Zoology	28,791	—	11,561	40,352
Statistics	26,800	—	4,500	31,300
Total :	6,27,563	305	59,867	6,87,125

7. Publications by the members of the staff.

The following were the publications by the members of the staff during the year 1953-54 :—

	Name	*Title*	*Where published*
1	Dr. Suresh Sethna, Kumari S. R. Dalal & Shri R. C. Shah	Chemical Investigation of Indian medicinal plants. Part I Investigation of Swertia Decussatin and Swertinin.	Journal of Indian Chemical Society, 1953.
2	Dr. Suresh Sethna Shri S. R. Lele & Shri R. J. Parikh	Bromination of Coumarins, Part III. Bromination of some 5—Hydroxy-Coumarin Derivatives of their Methyl ethers.	Journal of Indian Chemical Society, 1953.
3	Shri S. N. Parikh, Shri N. N. Godbole & Shri J. M. Parikh	Separation of Glucose and Sorbitol by paper Chromatography.	Current Science, March 1954.
4	Shri A. M. Talati	A note on the relationship between Parachur and Molecular Refractibility.	Journal of Indian Chemical Society, 1953.
5	Dr. D. V. Gogate & Shri G. Z. Shah	Suction and Compression by Lungs.	M. S. University Journal, October, 1953.
6	Dr. V. G. Phatak, Shri L. K. Gaekwad & Shri Y. S. Deshmukh	Ophioglossum from Baroda occurrence and Teratology.	M. S. University Journal, October, 1953.
7	Dr. J. C. George & Shri R. V. Shah	On occurence of outer muscular sheath on the lungs of Lessemys puctata granosa.	Journal of Animal Morphology and Physiology, June, 1954.
8	Dr. J. C. George & Shri B. N. Desai	On the liver fat in Pila globosa.	Journal of Animal Morphology and Physiology, June, 1954.
9	Dr. J. C. George & Shri V. C. Shah	A note on the muscle fat of the lobster and the prawn.	Journal of Animal Morphology and Physiology, June 1954.
10	Kumari V. A. Janaki	Geographical Pattern of Rural Settlements in Kerala	M. S. University Journal, October, 1953.

	Name	*Title*	*Where published*
12	Dr. N. M. Bhatt	Sextiles and Octiles of Standardized Pearson Type III curve with the ordinates at these Quantiles.	M. S. University Journal, October, 1953.
13	Shri M. S. Patel & Shri S. V. Sharma	A study of variations in the distributions of Age, Height and Weight of the Male students of Baroda University from 1950-52	M. S. University Journal, October, 1953.
14	Shri S. S. Merh	On the Accurence, Oge and Origin of Diamond Deposits of India.	M. S. University Journal, October, 1953.

8 Other Literary and Cultural Activities.

Dr. N. M. Bhatt read a paper on " Multivariate Distribution of Quantiles in large Samples " at the Indian Science Congress at Hyderabad.

9 Co-curricular Activities and Tours.

(1) Societies :

Various Societies of the Faculty arranged a number of lectures, discussions, reading of papers by the students and symposia throughout the year. The Chemical Society invited distinguished persons like Dr. M. S. Patel, Dr. Niranjan Parikh and Professor A. N. Kothare to deliver lectures on important chemical subjects. They also organised a symposium on ' Pain ' which was presided over by the Vice-Chancellor. The Zoological Society organised a symposium on ' Malaria ' on Mosquito Day which was also presided over by the Vice-Chancellor.

(2) Educational Tour :

The senior B. Sc. and post-graduate students went on a tour to South India and visited several places of scientific and cultural interest. A tour to Kodai Hills, Ooty, Mysore etc. was undertaken by the advanced Botany students under the guidance of Dr. V. G. Phatak. A trip to Pavagadh for Botany students was led by Dr. A. R. Chavan. The Senior B. Sc. Zoology students were taken on an excursion by Shri V. D. Ranade. The Geography and Geology students were taken on an excursion to Pavagadh and Shivrajpur mines.

(3) Entertainment:

The Faculty Day was celebrated on the 31st January, 1954. Shrimati Hansa Mehta, the Vice-Chancellor presided and distributed the prizes.

10 Tutorial and Class Work.

In First Year Science class tutorials are held in English, Modern Indian Language and in Mathematics. In Inter-Science tutorials are held in English and for students taking the Mathematics Group.

Three tutorials per paper were given to the students in each Faculty in the subject of Statistics and Mathematics taught by the departments. The senior B. Sc. students were serious about their tutorials and did them very well. The tutorials made the students read regularly and improved their answers in the final examination, especially in certain types of examples.

CHAPTER X—(A) FACULTY OF EDUCATION AND PSYCHOLOGY

1 Buildings.

The Faculty continued in its own building. A cycle shed in the rear of the building was reconstructed, at a cost of Rs. 3,000/-, into small rooms to be used as kitchen and dining room for providing mid-day meals to the pupils of the Experimental High School. The accomodation available in the building of the Faculty has become inadequate consequent on the starting of the B.A. and M.A. classes in Psychology and the development of the Experimental High School into one with all the primary and secondary classes.

2 Courses of Studies.

The Faculty provides the following courses of study :—

(a) Post-graduate courses :—
- (i) Ph.D. (by thesis) in Education and Psychology.
- (ii) M.Ed. degree by papers and dissertation.
- (iii) M.Ed. by thesis.
- (iv) M.A. in Psychology.

(b) Graduate courses :—
- (1) B.Ed. degree.
- (2) B.A. (Special) Psychology.

(c) Diploma Courses :—
- Diploma in Teaching.

(d) Certificate courses :—
- Certificate courses in Hindi and Physical Education for the B.Ed. and T.D. students.

In addition to the courses mentioned above, the Faculty teaches (1) two Education courses in the Faculty of Home Science, (2) General Psychology in the Faculties of Fine Arts and Home Science and in the Intermediate College and (3) Social Psychology to the students of the Faculty of Arts who are doing B.A. (Special) and M.A. courses in Sociology.

During the year under report the M.A. course in Psychology was started and the courses of study for the B.Ed. degree was revised to make teacher education more functional and realistic from the point of actual class room and learning situations.

3. Number of Students.

The number of students enrolled in the various classes during the year 1953-54 was as under :—

Year or Class	*Men*	*Women*	*Total*
T.D.	28	6	34
B.A. (Special) for one subject	—	1	1
B.A. (Special) Junior	8	10	18
B.A. (Special) Senior	3	5	8
B.Ed.	92	8	100
M.A. (Psychology) Junior	2	2	4
M.Ed. (by papers) Junior	14	3	17
M.Ed. (by papers) Senior	14	—	14
M.Ed. thesis	4	—	4
Ph.D. thesis	8	—	8
Total....	173	35	208

4. Staff.

During the year under report, the staff of the Faculty consisted of a Professor, a Reader, 8 Senior Lecturers, 6 Junior Lecturers, 2 Tutors, 2 Research Assistants, 5 Class III and 7 Class IV servants. Professor R. V. Parulekar, Director of the Indian Institute of Education, Bombay also continued to work as a Visiting Professor and the Head of the Department of Educational Administration.

5. Library and Reading Room.

The Faculty has a well-equipped library. It contains over 10,000 volumes and affords facilities for research in the subjects of Education and Psychology. There are also a large number of books of general interest. The library is kept upto date by regular additions of fresh publications in the subjects of Education and Psychology. The library subscribes to about fifty periodicals. A scrap-book of newspaper and journal cuttings is maintained in order that students might be acquainted with the recent developments in education.

The Board of Visitors when they visited the Faculty during the year recommended that library studies of the students would become more effective if the system of 'open shelf' were introduced. Accordingly when the Faculty reopened in June 1954, the 'open shelf' system was introduced in the library and reading room. The following are the figures showing average daily attendence and circulation of books :—

	Particulars	*Number*
1	Average number of students making use of the Reading Room and Library daily.	150
2	Average number of teachers making use of the Reading Room and Library.	19
3	Total number of books issued to students during the year.	2,300
4	Total number of books issued to teachers during the year.	900

The following figures show the stock and the expenditure on the maintenance of the Library and Reading Room during the year 1953-54 :—

	Particulars	*Number*	*Cost*
1	Books (including back number of Journals) on 1-7-1953	10,550	Rs. 25,959- 4-6
2	Books written off during the year	—	—
3	Books added during the year	285	Rs. 1,910- 6-3
4	Books on 30-6-1954	10,835	Rs. 27,869-10-9
5	Journals subscribed in 1953-54	50	Rs. 437- 4-6
6	Amount spent on binding in 1953-54	—	Rs. 100- 0-0
7	Total amount spent for Library and Reading Room during the year	—	Rs. 2,497-10-9

6. Museum, Laboratories, etc.

(*a*) *Museum* :

The Faculty museum contains a large collection of teaching aids used to illustrate class-room teaching. This collection is divided into sections and exhibited in the Museum and in the Special Method rooms. The collection in the museum was increased substantially during the year by the addition of more than 100 pictures, charts and maps and models to be used for teaching different subjects. A good number of these were prepared by students who made them 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 a topic or

series of topics. There are now about 1,600 articles in the museum. There are also aids for audio-visual instruction including 16 m.m. sound projector. The following table shows the cost of equipment in the museum :

Sr. No.	*Item*	*Cost of equipment on 1-7-1953* Rs.	*Cost of equipment etc. added during the year* Rs.	*Cost of equipment etc. written off during the year* Rs.	*Cost of equipment on 30-6-1954* Rs.
1	Museum	2,216-8-0	244-12-6	—	2,461-4-6

(b) Pyschological Laboratory :

The Faculty has a well-equipped psychological laboratory which is considered as one of the best in the Universities of the country. It has modern apparatus and testing materials and provides facilities for research in Education and Psychology. Substantial additions to the laboratory were made during the year by the purchase of apparatus and tests from India and abroad. The following statement shows the cost of materials in the laboratory :—

Sr. No.	*Item*	*Cost of equipment on 1-7-1953* Rs.	*Cost of equipment etc. written off during the year* Rs.	*Cost of equipment etc. added during the year* Rs.	*Cost of equipment on 30-6-1954* Rs.
1	Laboratory	23,722-8-0	—	3,754-3-6	27,476-11-6

7. Publications by the members of the staff.

The following were the publications by the members of the staff during the year 1953-54 :—

(i) Articles or papers :

Sr. No.	*Name*	*Title*	*Where published*
1	Dr. M. S. Patel	The Problem of Discipline in Indian School.	Journal of Education and Psychology, July, 1953
2	Shri T. P. Lele	Personality—various approaches to the study of personality.	Journal of Education and Psychology, April, 1954.

(ii) Books :

Sr. No.	*Name*	*Title*	*Name of the publisher with month of publication*
1	Faculty of Education and Psychology	Manual of Experimental Psychology.	Faculty of Education and Psychology, June, 1954.
2	Faculty of Education and Psychology	A book list for Secondary School Teachers (with a brief account of each book).	Faculty of Education and Psychology, June, 1954.
3	Faculty of Education and Psychology	Lesson Planning in Different School subjects	Faculty of Education and Psychology, June, 1954.
4	Faculty of Education and Psychology	Proceedings of a Seminar on the Report of the Indian Secondary Education Commission (Bulletin)	Faculty of Education and Psychology, June, 1954.
5	Professor T. K. N. Menon and Dr. G. N. Kaul	Experiments in Training Colleges in India.	Ministry of Education, Government of India.
6	Faculty of Education and Psychology	Universities in Ancient India.	Faculty of Education and Psychology, April, 1954.
7	Faculty of Education and Psychology, (with a grant from the University)	Report of the Workshop on Secondary Education conducted by four Fulbright Professors from U.S.A. under the auspices of the United States Educational Foundation in India.	Faculty of Education and Psychology, April, 1954.
8	Shri P. K. Chhatre	Teaching Devices.	East & West Book Co., Baroda.

8. Other Literary and Cultural Activities.

1. The Baroda Workshop by the United States Educational Foundation in India :

One of the four two months' courses on secondary education organised during the year by the United States Educational Foundation in India was conducted in the Faculty in the months of February and March, 1954. The course which has come to be popularly known as the Baroda Workshop was conducted by a team of four Fulbright Professors in Education belonging to Universities in U. S. A., and was attended by 53 candidates composed of inspectors, headmasters, lecturers of Teachers' Colleges and teachers. Three lecturers of the Faculty, the Principal and three teachers of the University Experimental School attended the Workshop. A committee of the Workshop which included Shri M. A. Quraishi and Shri S. M. Divekar, lecturers of the Faculty produced the Report on Evaluative Criteria which has been published by the United States Educational Foundation in India in the form of a book.

2. Journal of Education & Psychology :

The Journal of Education and Psychology continued to be edited by Professor T. K. N. Menon. A special number of the Journal, containing the Report of the Secondary Education Course (Baroda Workshop) sponsored by the United States Educational Foundation in India, was published for the benefit of the teachers of the Indian Secondary Schools.

3. *Training Within Industry :*

The Department of Psychology co-operated with the Federation of Gujarat Mills and Industries in their T. W. I. Programme. Mr. Clifford Fee, the I. L. O. expert conducted in the Faculty, three courses on Job Methods, Job Relations and Job Instruction and Shri L. J. Bhatt, Senior Lecturer of the Faculty after his training is acting as the Principal Training Officer for the Baroda project of T. W. I., the other Training Officers being drawn from industries in Baroda like textiles, glass, engineering, chemicals, etc. The Training Officers worked on a programme of training 842 supervisors in the major and minor industries of Baroda.

4. Research on Educational and Vocational Guidance under the First Five Year Plan :

The Ministry of Education of the Government of India approved the plan submitted by the Faculty for researches on vocational and educational guidance under Scheme No. 2 (a) of the First Five Year Plan and sanctioned an annual grant of Rs, 2,350/- commencing from April, 1954. Two research assistants were employed under this scheme and good progress was recorded during the year in standardising of psychological tests of different types and other items of work under this scheme.

5. Symposium on Madras (Rajaji) Scheme of Education :

A symposium on the Madras (Rajaji) Scheme of Elementary Education was held in February, 1954 which was presided over by Professor R. V. Parulekar, the Chairman of the Expert Committee appointed by the Government of Madras to look into the Scheme. Among the participants in the Symposium were the Fulbright Professors from the U. S. A. who were conducting the Baroda Workshop.

6. Seminar on the Report of the Secondary Education Commission :

A seminar on the Report of the Secondary Education Commission was held in the Faculty for ten days to discuss the various recommendations of the Report and to see how best they could be implemented. All the members of the staff and the students took active part in the discussion. The Faculty published the details of the discussions in the form of a Bulletin.

9. Co-curricular Activities.

1. Faculty club :

The Faculty Club organised

(a) Periodical lectures and discussions on educational topics by educationists and elocution competitions: a symposium with the co-operation of the Old Students' Association; a group discussion with students from the University of South California on the educational system in their Universities.

(b) Tournaments and competitions in games like volley ball, ping-pong, badminton and in athletics.

(c) Celebrations of Gandhi Jayanti, Tagor Jayanti and other days of national importance.

(d) Excursions of Education students to Pavagadh, Delhi, Agra, Jaipur, etc. and Psychological students to psychological laboratories, clinics, and vocational guidance bureau in Bombay and Poona.

(e) Variety entertainment programme and social evening.

Members of the staff and students took part in elocution contests, variety entertainments, games and other activities organised during University Week Celebrations.

The Old Students' Association of the Faculty enrolled more members, and continued its activities. Notable among the activities were the lending of books from its collection to deserving students, arranging group discussion of problems important to the secondary school teacher, the arranging of an 'At Home' to the new graduates at the time of the Convocation and running of a Sunday Club for the old students.

10 Tutorial and Class Work.

(a) *Tutorials :*

Tutorial work is an important feature of the curricular work of this Faculty. Tutorial periods are utilized for discussing with students their practical work, their progress in the theoretical part of their studies and their personal problems and difficulties. Library reading done by students and essays and papers written by them are also discussed during these periods. The final marking in the tutorials is made up by adding together marks assigned to students for periodical short answer tests, for their performance at the terminal examination, for essays, library work and other items of co-curricular activities.

Experience has shown that the procedure is very helpful as it demands regularity and application on the part of students and provides them with proper guidance. It also provides to Faculty teachers opportunities to come into close contact with students, to understand at first hand their aims, aspirations and attitudes and to guide and encourage them in the proper direction. It has provided to be an effective check on slovenliness, irregularity and negligence of students and has enabled them to derive the maximum benefit from their stay in the Faculty.

The Faculty pursued the examination reform it introduced a year ago. Besides the credit given to class record which, is systematically assessed, the examination papers set at the terminal and university examinations are composed of essay type of questions and short answer questions, the one testing the powers of logical thinking and comprehensiveness of understanding and the other making examinations more objective and removing the chances of cramming the minimum items for a pass at the examination.

The Faculty introduced from June, 1954 a system of discussion methods of instruction. According to this system at least one third of the prescribed course in each paper is done purely by discussion of the problem by the students where the teacher acts as a guide. Lectures, which are used for instruction in the remaining two thirds of the course, are also followed by discussion.

(b) *Practising Schools :*

The Faculty used the University Experimental High School for practice teaching, demonstration and criticism lessons and for experiments on education. Besides this school the Faculty also used the following High Schools in the City of Baroda for practice teaching :—

(1) Shri Pratap High School
(2) Rosary High School
(3) Maharani High School for Girls
(4) Jayshri Model High School
(5) New Era High School
(6) Shri Sayaji High School
(7) Muslim Education Society
(8) Shroff Memorial High School
(9) Bharati Vidyalaya

11. Other Important Events.

Quinquennial Congress of Universities in the British Commonwealth and World Confederation of Organisation of the Teaching Profession :—

Along with Shrimati Hansa Mehta, Vice-Chancellor, Professor T.K.N. Menon attended the Quinquennial Congress of Universities in the British Commonwealth held at Cambridge as a delegate of the University. Along with Dr. Amaranatha Jha, Professor T.K.N. Menon represented the All-India Federation of Teachers' Associations at the annual meeting of the World Confederation of Organisations of the Teaching Profession held at Oxford. There he was elected as the Chairman of the Executive Committee of the newly setup International Council on Teacher Education.

National Conference of Professors of Educational Administration :—

Shri S. N. Mukerji who was doing advanced studies at Teachers' College, Columbia University, New York attended the National Conference of Professors of Educational Administration, held at Michigan State Col-

leges, East Lancing from the 23rd to the 29th September, 1953, where important problems of educational administration were discussed.

Bombay State Head Masters' Conference and Brihaud Gujarat Secondary Teachers' Conference :—

Professor T.K.N. Menon presided over the seminar arranged on the Report of the Secondary Education Commission at the Ninth Session of the Bombay State Head Masters' Conference held in Baroda on the 16th and the 17th January, 1954.

Professor T. K. N. Menon presided at the Fourth Annual Conference of the Brihaud Gujarat Secondary Teachers' Association held on the 30th and the 31st January, 1954.

12. Visitors.

Among the visitors to the Faculty were (1) Shri K. G. Saiyidain, Joint Educational Adviser to the Government of India, Ministry of Education, who discussed the General Education Programme ; (2) Dr. Ithiel deSola Pool to discuss the possibilities of co-operation with the M. I. T., U. S. A., in their studies on T. W. A., (3) Mr. Clifford Fee in connection with the T. W. I. (Training Within Industry) programme which was being conducted by the Federation of Gujarat Mills and Industries in co-operation with the Department of Psychology, (4) the team of four Fulbright Professors who were conducting the Baroda Workshop, (5) Shri D. C. Pavate, Director of Education who visited the Baroda Workshop.

13. Broadcast Talks on Recent Trends in American Education.

The Voice of America broadcast to India a number of talks on " Recent Trends in American Education " by Shri S. N. Mukerji. These talks were later published in the form of two booklets by the United States Information Services and distributed among educational institutions in India.





Under the Greenwood tree : Mid-day Refreshment, Students of the University Experimental High School

(B) UNIVERSITY EXPERIMENTAL HIGH SCHOOL

1 Buildings.

The School is housed in the ground floor of the building of the Faculty of Education and Psychology. Two new rooms, a workshop for crafts and hobbies and a refreshment room were added to the building at a cost of Rs. 9,000/-. The school has spacious open grounds for sports, physical education and gardening.

2 Courses of Studies.

The School has two sections *viz.* primary, from Standard I to IV and high school, from Standard V to XI. In the primary section instruction is given according to a well-planned curriculum. In the high school stage the curriculum prescribed by the Bombay State Education Department is followed supplemented by several co-curricular activities. The School prepares students for the S.S.C. examination of the Bombay State. Besides the normal eight subjects for the S.S.C., provision is also made for teaching of several other optional subjects like Drawing, Painting, Music, Civics and Hindi.

3 Number of Students.

Total number of pupils in the school at the end of the year was 392, 262 boys and 130 girls.

4 Staff.

The staff consisted of the Principal, 21 teachers, 1 P.T. Instructor, 3 Class III and 6 Class IV servants.

5 Library and Reading Room.

The School has a well-equipped library with study facilities. To its stock of 6,217 books in the beginning of the year, were added 846 books during the year at a cost of Rs. 1,148-7-0. 13 periodicals were subscribed at a cost of Rs. 161-9-0. The School library has mainly books useful to children. The staff use the Faculty and the University libraries.

Besides the School library a system of class libraries is also introduced. Records are maintained of the books read by children as well of their reading interests. 80 percent of the children are found interested in reading.

6. Other activities by the members of the staff.

(i) Study Circle : Members of the staff hold fortnightly meetings to discuss and talk on problems of educational importance.

(ii) Four members of the staff attended the "Baroda Workshop" course organised at Baroda by the U. S. Educational Foundation in India from the 25th January, 1954 to the 17th March, 1954.

(iii) Principal K. S. Yajnik, read a paper "Religious Education in Secondary Schools of India" and took part in a symposium on "Contents of Primary Education" at the All India Educational Conference held at Calcutta from the 27th to the 31st December, 1953. He also visited the Bureau of Psychology and the Literacy Centres at Allahabad in January, 1954. He worked on the Council of the Bombay State Headmasters' Federation.

(iv) The staff maintain the cumulative record based on test and teachers' observations. Besides, the use of sociogram was tried and some reading tests were administered. The Faculty Laboratory was made use of by some members of the school staff in Intelligence Testing.

(v) The staff of the School run a Career Information Centre, which is fully equipped with posters, monographs and guidance literature. Regular periods for career talks are arranged in the time table. Visits to work places are arranged and experts invited for talks and conferences.

7. Co-curricular Activities.

(i) Free-periods :

This is a special feature of the School. During these periods children engage themselves in activities of their choice under the supervision and guidance of their teachers. These periods serve a triple purpose tutorial, group and library work. Some children go to the library and work over a problem in groups with the help of references from the library. Others receive special coaching and discuss their difficulties with the teacher in charge. A wide range of hobbies is provided such as wood-work, fret work, toy-making, clay-modelling, pottery, needle work, tailoring, embroidery, drawing, photography, painting, gardening, paper-work and book-binding. Children engage themselves in the hobbies of their choice.

(ii) *Physical Education* :

Various games are provided. The School has 2 A.C.C. units one for boys and the other for girls. Some of the school children took part in the Annual University Sports and the Madhyastha Kridamandal Tournaments winning several prizes. A batch of students of the School also participated in the social services project organised by Vidyarthi Mitra Mandal, Baroda in Sayaji Bag.

(iii) *The School Sabha and Samiti* :

All the pupils of the School constitute the Sabha and the Samiti consisting of class representatives elected by ballot once every year. This is an experiment in education for democracy and leadership and provides living experience to boys and girls for community life. The Samiti assumed responsibility and worked successfully. It planned and organised debates, and several celebrations such as Tilak Day, Tagore Day, Independence Day, Gandhi Jayanti Week, Nirvana Day. It also organised a Parents' Day where the programme of music and dramatics was greatly appreciated. The samiti issued a daily news and weather bulletin. It also organised a "Shramayagna" and with the funds collected, started a "Poor Boys Library." The school children contributed Rs. 61/- to the Bhoodan fund.

(*iv*) *The School Store* :

The Samiti runs a co-operative store. The store is managed entirely by the children. They purchase and sell goods, keep and audit accounts, prepare balance sheets and declare dividends. The store supplies text-books, stationery, eatables and saleable products of hobby groups like wooden toys, clay pots, paper flowers, embroidery articles, purses, table covers, etc. In selling a few items the "Honour System" was tried and has succeeded. The annual meeting of the share holders declared a a dividend of 6 annas per share of Re. 1/- for the year ending March, 1954. Many of the share holders donated the dividend to the Poor Boys Library.

(*v*) *Excursions* :

The School organised excursions during the year to the following places :

(1) Kakrapar Weir, Songadh Fort and Dumas (age group 11 to 13)

(2) Rajasthan and Delhi (age group 12 to 16)
(3) Kashmir and Amritsar (age group 12 to 16)
(4) Pavagadh and Shivarajpur (age group 10 to 12)
(5) Dabhoi Fort and the native home of Kavi Dayaram (age group 8 to 9)

Excursions were followed by exhibitions and assembly when collections and photographs made by young tourists were displayed and their experience shared by the rest of the school community.

(vi) *The Museum:*

The School museum is being built up by staff and students and contains collections made by children like old coins, pebbles, nests, etc. objects prepared by children in hobby classes, and charts, maps, and posters planned and made by staff and pupils. The richest section is that of Nature Study which is entirely built up by children.

8 Special features of the School.

(i) Audio-Visual Methods and Group work:

In the methods employed in class teaching individual differences in the intelligence, level of attainment and the learning speed of children are kept in view and more and more opportunity is given to children for self-study and group work by regular assignments. Project method is also employed where suitable. Full use is also made of audio-visual aids in teaching various subjects. Children are encouraged to learn from excursions, visits and observations, from experiments and hobbies, from film strips, films and slides and from radio talks and gramophone records.

(ii) *Assessment of children's progress:*

By assignment and periodical tests, progress of each student is assessed at regular intervals and effectual remedies are administered to help the pupil in his weak points. Individual records are maintained regarding the academic work of pupils as well as observations of their all round development intellectual, physical, emotional and artistic. Full weight is given to work done by pupils throughout the year in deciding the annual promotions.

(iii) *Parent Co-operation:*

Parents are invited for individual conferences for discussion of several matters concerning their wards' education. Parents' meetings are also

convened for general discussion. During the year 70 parents were invited for individual conferences and about 150 (out of 290) attended the general meetings of parents and made useful suggestions.

(iv) *Annual Medical Examination:*

Every year the children of the school are examined by the Medical Board of the University. Parents are invited at the medical examination of their wards and the parent—teacher—doctor discussion of children's health and its impact on study was of great help in the work of the School. About 50% of the parents came personally and about 90% sent their suggestions in writing.

9. Distinguished Visitors.

The following were some of the distingished visitors to the school during the year :—

(i) Shri K. G. Saiyadain,
Joint Educational Adviser to the Government of India, Ministry of Education, New Delhi.
(ii) Dr. Hadden W. James,
President of New Maxico Western (Teachers') College, U.S.A.
(iii) Dr. Theodon D. Rice,
Professor of Education, New York University.
(iv) Dr. Chandos Reid Rice,
Assistant Professor of Education, Columbia University.
(v) Dr. Hugh Wood,
Professor of Education, University of Oregon.
(vi) Shri Arya Nayakam,
Secretary, Hindustani Talimi Sangha, Sevagram.

CHAPTER XI—FACULTY OF COMMERCE

1. Buildings.

The Faculty is housed in the Western Wing of the Baroda College building. Last year two large halls were added to the eastern end of the wing. Out of these halls, one two hall on the first floor is being used for the First Year class in Commerce. Two small rooms for the use of the teachers were also provided by partitioning a small vacant area near the Central Hall.

2. Courses of Studies.

The Faculty imparts instruction in courses of studies leading upto the B.Com. and the M.Com. degrees. The courses of studies for the Master's degree in Commerce include four compulsory subjects *viz.* Public Economics, Corporation Finance, Organised Markets and Organisation of Trade and Transport. In addition there are four optional subjects and candidates are offered a choice between three groups of papers *viz*:— (a) (i) Economics of Agriculture, (ii) Cooperation and Rural Development, (b) (i) Organisation of Industries, (ii) Labour Administration, (c) (i) Foreign Exchanges, (ii) International Banking.

The University has sanctioned new revised courses of studies for the M.Com. examination. These consist of one compulsory group of two subjects *viz.* Advanced Economic Theory and Organised Markets and seven optional groups of two papers each, out of which a candidate has to choose three groups The groups are as follows:—

I (a) Advanced Statistics (one paper—100 marks)
(b) Econometrics (one paper—100 marks)
II (a) International Banking and Foreign Exchange Problems (one paper—100 marks)
(b) Corporation Finance (one paper—100 marks)
III (a) Economics of Agriculture with special reference to India (one paper—100 marks)
(b) Organized Industries with special reference to India (one paper—100 marks)
IV (a) Trade (one paper—100 marks)
(b) Transport (one paper—100 marks)
V Advanced Accounting (two papers of 100 marks each)

VI (a) Cost and Management Accounts (one paper—100 marks)
(b) Law relating to Industrial Relations and Income Tax (one paper—100 marks)
VII Actuarial Science (two papers of 100 marks each)

From June 1954 the Faculty has added an additional group of two papers in Co-operation in the B. Com. course.

From June 1954 instruction started in the Post-graduate Diploma in Banking. Only graduates in Commerce and Arts graduates who have specialised in Economics can be admitted to the Diploma course. Local banks have agreed to admit thirteen students for practical training for three months every year. The course of studies consists of the following subjects *viz*:—

(1) Organisation and working of banks
(2) Commercial Banking Law
(3) Theory and Practice of Foreign Exchanges
(4) Organisation of Commerce
(5) Accountancy and
a viva voce test.

The Central Bank of India Ltd. and the Bank of Baroda Ltd. have kindly agreed to allow their officers to meet the students frequently for talks on practical banking. The All India Bankers' Association is requested to recognise the Diploma in Banking as on par with the Diploma of the Institute of Bankers for purposes of promotion and increments.

The Faculty has also started instruction in Diploma in Co-operation where only those who have passed the S. S. C. examination and have served in a Co-operative Institution for at least three years or those who have passed the Intermediate examination in Arts, Commerce or Science of the University or any recognised University or Board can be admitted. The course of study consists of the following subjects:

(1) Principles and Practices of Co-operation
(2) History of Co-operative Movement in India and Abroad
(3) Book-keeping
(4) Elements of Secretarial Practice and Co-operative Law
(5) Elements of Civics and Economics
(6) Elements of Banking.

3 Number of Students.

The number of students enrolled in the various classes during the year 1953-54 was as under :—

	Men	*Women*	*Total*
Dip. Co-op.	29	—	29
B.Com. Jr.	85	2	87
B.Com. Sr.	72	1	73
M.Com. Jr.	9	—	9
M.Com. Sr.	9	—	9
Dip. Bank.	13	—	13
Ph.D.	1	—	1
	218	3	221

4 Staff.

During the year under report, the teaching staff of the Faculty consisted of one Professor, two Readers, three Senior Lecturers, one Junior Lecturer, four Class III and seven Class IV servants. Teaching work in English was done by two Senior Lecturers and one Junior Lecturer in English in the Faculty of Arts. Teaching work in Statistics was done by the Junior Lecturer in Statistics belonging to the Statistics Department of the Faculty of Science. The Faculty of Commerce had also two Tutors, one in Economics and Banking and another in Accountancy, and a Part-time Lecturer in Mercantile Law.

Close co-ordination had been established between the teaching staff in the Economics Department of the Faculty of Arts and all the three teachers of the Faculty of Arts did some teaching work in the Faculty of Commerce Three members of the staff of the Faculty of Commerce similarly did teaching work in Intermediate Arts, B.A. and M.A. classes. These teachers also did some teaching work in the Faculties of Technology (including Engineering) and Home Science.

5 Library and Reading Room.

The library and the reading room both of which are now common with those of the Faculty of Arts were kept open from 11-00 a.m. to 5-30 p. m. on all week days except Saturday. The following are the figures showing average daily attendance and circulation of books :—

Particulars	*Number*
1. Average number of students making use of the Library and the Reading Room daily	40

Particulars	*Number*
2. Average number of teachers making use of the Library and the Reading Room daily	20
3 Total number of books issued to students during the year	4,000
4 Total number of books issued to teachers during the year	6,500

The Commerce Faculty Library is specialised in Commercial and Economic subjects and contains 8,286 books. The Faculty has so far spent Rs. 48,980 in equipping the Library. An annual grant of Rs. 3,500 is used for the purchase of books and journals. The Faculty subscribes in all 47 journals mainly devoted to Commerce and Economics. The following figures show the stock and the expenditure on the maintenance of the Library and the Reading Room during the year 1953-54 :—

Particulars	*Number*	*Cost*
1. Books (including back numbers of Journals) on 1-7-1953	7,979	Rs. 45,680
2. Books written off during the year	—	—
3. (a) Books added during the year	237	Rs. 2,000
(b) Books added during the year for Banking	70	Rs. 1,300
4. Books on 30-6-1954	8,286	Rs. 48,980
5. Journals subscribed in 1953-54	47	Rs. 1,450
6. Amount spent on binding in 1953-54	—	Rs. 250
7. Total amount spent for Library and Reading Room during the year	—	Rs. 3,500 + Rs. 1,500 for Banking

6. Publications by the members of the staff.

The following were the publications by the members of the staff during the year 1953-54 :—

(1) *Articles or Papers :*

Name	*Title*	*Where published*
Professor V. Y. Kolhatkar	Unemployment in the City of Baroda—A Pilot Survey	M. S. University Journal, March, 1954.

Name	*Title*	*Where published*
Shri D. K. Shukla	The Problem of employment and Economic Development of undeveloped countries	M. S. University Journal, March, 1954.

During the year under review, the Faculty conducted a pilot survey on unemployment in the city of Baroda. The results of this survey were published in the University Journal of March 1954. This was followed by an intensive house to house survey, results of which will be soon available. The Research Programme Committee of the Planning Commission accepted the scheme of research on the effects of Tenancy Legislation in Baroda District submitted by the Faculty. Work on this scheme is already started. The Faculty has also submitted another scheme on Capital Formation in Gujarat Agriculture. Teachers in the Faculty are also working on two other problems regarding Capital Formation and Wastage in Industries and on the Five Year Plan.

7. Other literary and cultural activities.

Dr. I. P. Desai, Reader in Sociology of the Faculty of Arts gave an interesting talk on "Changes in the caste system." Dr. N. G. Kalelkar also gave talk on "Development of Languages" to the students.

In addition, two debates were held one on "Planning and private enterprise cannot go together" and the second on "Cottage industries will mitigate and not aggravate the problem of unemployment in this country".

8. Tutorial and Class work.

During the year under report students were given four topics in every subject of their study, and marks out of 20 were allotted to the answers. These marks were later added to the University examination totals. Weekly tutorials, which totalled in all to 32, require the students to work for them every week.

9. Other important events.

Shri A. D. Gorwala was the guest of honour in the Annual Social Gathering of the Faculty held on the 10th February, 1954 and gave away the prizes for the year 1953-54.

CHAPTER XII—FACULTY OF MEDICINE

(A) MEDICAL COLLEGE, BARODA

1 Buildings.

The following buildings were under construction :—

1 The new Out Patient Department.
2 Additions and alterations to the quarters for Resident Medical Staff, Professors, and Intern students.
3 The new Infectious Diseases Hospital.
4 A 'Rasa-Shala' for Sheth Ujamshi Pitambardas Ayurvedic Research Unit.

2 Courses of Studies.

The College conducts courses leading to the degrees of M.B., B.S. The University has permitted post-graduate courses to be started and post-graduate teachers in clinical and non-clinical subjects have been recognised since 15th June, 1954.

3 Number of Students.

The number of students enrolled in the various classes during the year 1953-54 * was as under :—

Year	*Men*	*Women*	*Total*
1st Year	41	11	52
2nd Year	66	10	76
3rd Year	29	7	36
4th Year	27	4	31
5th Year	60	4	64
	223	36	259

4 Staff.

During the year under report the staff of the College consisted of 4 Professors, 7 Senior Lecturers, 11 Junior Lecturers, 29 Honorary Medical Officers (Teachers), 23 Class III, and 38 Class IV servants.

5 Library and Reading Room.

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

	Particulars	*Number*
1	Average number of students making use of the Library and Reading Room daily	70

* The figures on the 30th June, 1954.

	Particulars	*Number*
2	Average number of teachers making use of the Library and Reading room daily	12
3	Total numbers of books issued to the students during the year	8,924
4	Total numbers of books issued to the teachers during the year	1,131

The following figures show the stock and the expenditure on the maintenance of the Library and Reading Room during the year 1953-54 :—

	Particulars	*Number*	*Cost*
1	Books (including back numbers of Journals) on 1-7-1953	3,246	Rs. 42,811/-
2	Books written off during the year	—	—
3	Books added during the year	289	Rs. 6,186/-
4	Books on 30-6-1954	3,535	Rs. 48,979/-
5	Journals subscribed in 1953-54	42	Rs. 1,773/-
6	Amount spent on binding in 1953-54	—	Rs. 129/-
7	Total amount spent for Library and Reading room during the year	—	Rs. 6,186/-

6 Museum, Laboratories, etc.

(a) *Museums :*

The College Museums contain the following :

(i)	Anatomy (including Comparative Anatomy and Embryology)	
	Models (Anatomy and Embryology)	149
	Specimens	739
	Charts	133
(ii)	Pharmacology—	
	Drugs (including preparations of various firms)	517
(iii)	Pathology—	
	Models	76
	Specimens.	1,021
(iv)	Preventive and Social Medicine—	
	Models	178
	Slides	400
	Charts	28
(v)	Forensic Medicine including Toxicology—	
	Specimens	66
	Charts	3
	Drugs	101

(b) *Laboratories :*

The following table shows the total cost of equipment in the Museums, the Laboratories and the Studio :—

Sr. No.	*Item*	*Cost of equipment on 1-7-1953* Rs.	*Cost of equipment etc. written off during the year* Rs.	*Cost of equipment etc. added during the year* Rs.	*Cost of equipment on 30-6-1954* Rs.
1	Museums	2,93,750	468-0-0	700-0-0	2,93,982/-
2	Laboratories	3,51,695	1,927-0-0	42,910-0-0	8,92,678/-
3	Studio (Artist)	9,800	—	350-0-0	10,150/-
	Total :	6,55,245	2,395-0-0	43,960-0-0	6,96,810/-

7. Publications by the members of the staff.

The following were the publications by the members of the staff during the year 1953-54 :—

(i) *Articles or Papers :*

	Name	*Titles*	*Where published*
1	Dr. J. D. Pathak and Dr. M. L. Pai	Gastric response, digestion and evacuation time of some vegetarian foods (Part II).	Indian Journal of Medical Research, January, 1954.
		Gastric response, digestion and evacuation time of some non-vegetarian foods (Part III).	Indian Journal of Medical Research, April, 1954.
		Gastric response, digestion and evacuation time of eggs and their preparations	Indian Journal of Medical Science, January, 1954.
		Gastric response, digestion and evacuation time of tea, coffee and some fruit juices.	M. S. University Journal, October, 1953.
2	Dr. M. L. Pai	Plasma protein fractions in Oedema and ascites.	M. S. University Journal, October, 1954.
		Changes in food values due to cooking.	M. S. University Journal, October, 1954.

(*ii*) *Books :*

	Name	*Title*	*Name of the publisher with the month of Publication*
1	Dr. J. D. Pathak	Aharvignan	Sayaji Sahitya Mala, M. S. University of Baroda, 1954.

8. Other Literary and Cultural Activities.

Dr. (Miss) J. Jhirad, M. D., Consulting Obstetrician and Gynæcologist Bombay and Visiting Professor of the Faculty of Medicine delivered 4 lectures in the last week of June, 1954 on "Implications on the Speciality Obstetrics and Gynæcology."

9. Co-curricular Activities.

(a) The IV year students were taken on an academic tour to Poona in November, 1953. 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 and Industrial School at Yeravada, and the National Chemical Laboratories. The University contributed Rs. 450/- towards the travelling expenses.

(b) The College participated in the University Week Celebrations and Exhibitions from the 29th November, 1953 to the 5th December, 1953.

(c) The Annual sports of the College were held in January, 1954.

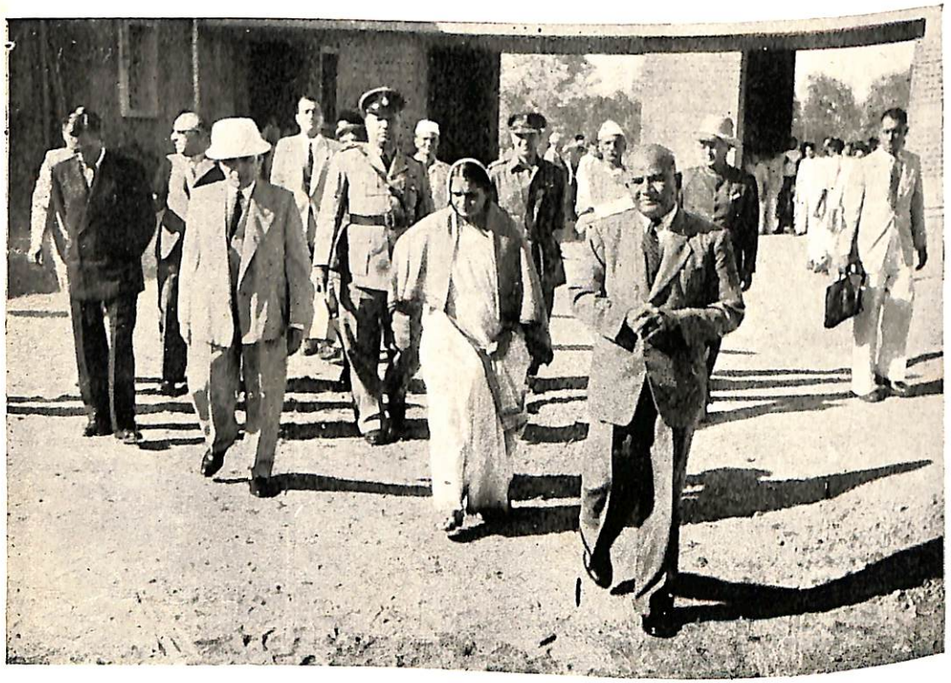
(d) The Annual Social was held on the premises of the College on the 17th February, 1954. The students organised a variety entertainment. His Highness Maharaja Fatehsinhrao Gaekwad, Chancellor of the University was the chief guest.

10. Tutorial and Class Work.

The classes conducted by Junior Lecturers are tutorials.

11. Other important events.

The Board of Visitors of the University visited the College and Shree Sayaji General Hospital on the 17th January, 1954 and submitted their report on the 19th February, 1954. In the report many valuable suggestions were made for the improvements, technical and structural, both, in the Hospital and in the College. Government of Bombay has been pleased to adopt most of the suggestions.



H. E. Shri Girja Shankar Bajpai, Governor of Bombay at the Faculty of Technology (including Engineering), 30th November, 1953.

(B) SHETH UJAMSHI PITAMBARDAS AYURVEDIC RESEARCH UNIT

During the year ending on the 30th June, 1954 the Unit has completed the preliminary organisation work and has started its research activities. The following statement describes the activities during that period.

1. Buildings.

In addition to the two large rooms 58′ × 30½′ and 50′ × 30′ on the first floor of the Medical College building in which the Unit is housed, a new structure has been built on the east side of the Medical College building for the Rasa-Shala under the guidance of the Rasa-Shala Sub-committee who advised on the matters of site, plan, equipments etc. The building was almost complete by the end of the year, the electrical connection being all that remained to be done. The total cost of this structure has been Rs. 47,640-7-0. The bust of the late Sheth Ujamshi Pitambardas Mody has been put up near the entrance of the Unit.

2. Staff.

During the year under report the staff of the Unit consisted of one Honorary Head, one Senior Research Vaidya, one Junior Research Vaidya, two Class III and one class IV servants.

An Assistant Vaidya was added to the staff at the end of the year. A Research Assistant and three Laboratory Attendants have also been sanctioned. No Research Medical Officer has yet been available for the Unit.

3. Library.

To a total of 1,715 books and periodicals which were transferred to the Unit from the Sheth U. P. Ayurvedic College, Patan, further addition of a few books was made during the year. The Unit has also subscribed to nine Ayurvedic Magazines.

4 Research Work.

The Research Sub-committee met on two occasions, on the 10th October, 1953 and on the 20th June, 1954. Pending the construction of the Rasa-Shala, the Vaidya continued collecting references from the ayurvedic literature on the subjects of study as directed by the Research Sub-committee. The following work has been done during the year under report :—

(i) Collection of literary material of nine more diseases shown below :—

१ रक्तपित्त, २ अपस्मार, ३ हिक्का, ४ श्वास, ५ कास, ६ उपदंश, ७ फिरङ्ग, ८ ज्वर.

(ii) Preparation of two forms for Prakriti research in accordance with all the major books of Ayurveda.

Out of these two forms, one questionnaire has to be filled in by individual whose Prakriti is to be determined and the other has to be filled in by the vaidya who examines the individual to decide his prakriti. In Ayurvedic treatises, ample is written on prakriti, but it is common knowledge that no vaidya elaborates the minute details of determination of prakriti in this way in his professional practice. The first year students of the Medical College will be taken up for this work which will begin in July, 1954. The help of the Psychology and Statistics departments was available to the Unit.

(iii) Preparation of a comprehensive note on रोग — रोगी परिक्षक and of a format of आतुर परीक्षा विधान. This latter will be useful for the clinical research-work.

A scheme of research work was submitted to the Government of India for inclusion in the Second Five Year Plan programme. Some of this work will be taken up during next year. The collaboration of the Chemistry and Botany departments in this latter scheme, which concerns research on Ayurvedic Drugs, has been requested.

As soon as the Rasa-Shala is complete and occupied, the Unit has been directed to start preparation of the following Bhasma :—

(i) अभ्रक, (ii) मण्डूर, (iii) माक्षिक, (iv) ताम्र, (v) लोह, (vi) नाग, (vii) वङ्ग, (viii) यशद, (ix) सुवर्ण, (x) रौप्य, (xi) प्रवाल, (xii) शङ्ख, (xiii) शृङ्ग, (xiv) कपर्दिकाः etc.

5. Museum.

The museum has not yet taken good shape. A herbarium of 49 drugs and herbs has been prepared and one of the vaidyas was trained in preparation of specimens. It has been decided to collect specimens from nearby regions like Pavagadh etc. during the late monsoon season. Shri Vallabharam Vaidya has agreed to help in this matter.

CHAPTER XIII—FACULTY OF TECHNOLOGY (including Engineering)

1. Buildings.

The office, laboratories, class rooms, workshops, and library of the Faculty are housed in several buildings on Raj Mahal Road as mentioned below :—

(i) Main building accommodating various laboratories, drawing halls, library, class-rooms, staff and students' rooms, canteen and Dean's office.

(ii) The Hydraulics and Metallurgical Laboratories

(iii) The gas room

(iv) The workshop buildings accommodating—

1. The workshop comprising the carpentry shop, fitting, lathe, smithy, foundry and the furniture shops
2. Heat Engines laboratory
3. Textile Chemistry department laboratory
4. Textile Technology department machines shed and Textile Testing laboratory

Arrangements for shifting the Heat Engines laboratory to the sheds previously occupied by the Textile Chemistry laboratory and vice versa are on hand. The construction of the Textile Testing laboratory and the new Boiler House which was on hand last year has been completed. The construction of the extensions to the new Textile Chemistry laboratory on the northern side of the existing sheds as well as of a new building for the workshop stores in the premises that have been newly acquired on the eastern side of the workshop premises is on hand. A compound wall on the boundary line of the above newly acquired premises will also be completed along with the stores building. Cycle sheds have been built up out side the western wall of the workshop premises.

A well has been renovated in the open space on the western side of the Faculty building for the supply of water to the overhead tank of the Faculty. Arrangements for laying out a garden and approach roads in the Faculty premises are on hand.

The total cost of all the buildings including the extensions and new constructions made during the year under report is about Rs. 25 lakhs.

2 Courses of Studies.

(a) *Degree courses* :

(1) Courses leading to the degree of B.E. (Civil, Mechanical and Electrical Engineering)

(2) Course leading to the degree of B. Text (Engineering)

(3) Course leading to the degree of B. Arch. (Bachelor of Architecture)

(b) *Diploma courses* :

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

A four year Diploma course in Textile Technology (D.T.T.) was started to replace the Diploma course in Weaving Technology.

A transitory course of a duration of one year for Diploma holders in Weaving Technology to qualify for the Diploma in Textile Technology (D.T.T.) was instituted.

(c) *Certificate courses* :

Courses leading to the Certificates of Turner and Fitter, Wiremen, Carpentry, Dyeing, Weaving, Architecture and Drawing.

(d) *Technical High School Course* :

Courses leading to the examination for the Secondary School Certificate of Bombay state.

3. Number of Students.

The number of students enrolled in the various classes during the year 1953-54 was as under :—

Technical High School :

Year or Class	*Men*	*Women*	*Total*
I Year	57	—	57
II Year	51	—	51
III Year	45	—	45
Total	153		153

Certificate classes :

Turner and Fitter :

I Year	21	—	21
II Year	17	—	17
Total	38		38

Wiremen :

Total	32	—	32

Dyeing :

I Year	13	—	13
II Year	6	—	6
Total	19		19

Weaving :

I Year	15	—	15
II Year	15	—	15
Total	30		30

Architecture :

II Year	13	—	13
Total	13		13
Grand Total	132		132

Diploma Classes :

Mechanical Engineering :

I Year	65	—	65
II Year	42	—	42
III Year	60	—	60
Total	167		167

Electrical Engineering :

I Year	75	—	75
II Year	39	—	39
III Year	63	—	63
Total	177		177

Civil Engineering :

I Year	71	—	71
II Year	66	—	66
III Year	55	—	55
Total	192		192

Textile Chemistry :

I Year	31	—	31
II Year	22	—	22
III Year	41	—	41
Total	94		94

Textile Technology :			
Pre-textile Technology	37	—	37
I Year	33	—	33
II Year			
III Year (Weaving Technology)	19	—	19
D.T.T. (Transitory)	3	—	3
Total	92		92
Architecture :			
II Year	26	—	26
III Year	36	—	36
IV Year	25	1	26
Total	87	1	88
Grand Total	809	1	810
Degree Classes :			
F.E. (Mechanical)	25	—	25
F.E. (Electrical)	24	—	24
F.E. (Civil)	26	—	26
F.Text. (Eng.)	25	—	25
Total	100	—	100
S.E. (Mechanical)	37	—	37
S.E. (Electrical)	20	—	20
S.E. (Civil)	71	—	71
S.Text. (Eng.)	8	—	8
Total	136		136
B.E. (Mechanical)	32	—	32
B.E. (Electrical)	20	—	20
B.E. (Civil)	33	—	33
Total	85		85
B.Arch. I Year Total	58		58
Grand Total	379		379
Summary			
Technical High School	153	—	153
Certificate courses	132	—	132
Diploma courses	809	1	810
Degree courses	379	—	379
	1,473	1	1,474

4. Staff.

During the year under report the staff of the Faculty consisted of 2 Professors, 7 Readers, 10 Senior Lecturers, 13 Junior Lecturers, 4 Assistant Lecturers, 3 Part-time Lecturers, 19 Demonstrators, Instructors, etc., 59 Class III and 54 Class IV servants.

5. Library and Reading Room.

During the year, the reading room and library were kept open from 8-0 a. m. to 11-0 a. m. and 5-30 p. m. to 8-0 p. m. In March and April, 1954, they were kept open upto 10 p. m. Usual office time of the library continued to be as before *i. e.* from 11 a. m. to 5-30 p. m. Small tables with chairs were added and were found suitable by the students. Two reading-room tables of modern design were also added and were fitted with neon tube-lights. Due to these facilities there was an increase in attendance and it seems more space is required for the library. The following are the figures showing average daily attendance and circulation of books :—

	Particulars	*Number*
1	Average number of students making use of the Library and Reading Room daily	130
2	Average number of teachers making use of the Library and Reading Room daily	10
3	Total number of books issued to the students during the year	6,200
4	Total number of books issued to the teachers during the year	700

The following figures show the stock and the expenditure on the maintenance of the Library and Reading room during the year 1953-54 :—

Particulars	*Number*	*Cost*
Books (including back numbers of Journals) on 1-7-1953	12,690	Rs. 1,06,838- 5-6
Transferred to other institutions during the year	94	Rs. 1,005-10-0
Added during the year—		
(i) Books	290	Rs. 5,193-14-6
(ii) Bound periodicals	58	Rs. 1,452- 0-0
Books on 30-6-1954	12,934	Rs. 1,12,478-10-0
Journals subscribed in 1953-54	45	Rs. 1,795- 2-0

Particulars	*Number*	*Cost*
Amount spent on binding in 1953-54	— Rs.	344-12-0
Total amount spent for Library and Reading Room during the year	— Rs.	9,821-12-0

6. Museum, Laboratories etc.

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

Item	*Cost of equipment on 1-7-1953*	*Cost of equipment etc. written off during the year*	*Cost of equipment etc. added during the year*	*Cost of equipment on 30-6-1954*
	Rs.	Rs.	Rs.	Rs.
Laboratories and Workshops	14,28,745	—	8,44,113	22,72,858/-

7. Publications by the members of the staff.

The following were the publications by the members of the staff during the year 1953-54 :

(*a*) *Articles or Papers* :

Name	*Title*	*Where published*
(i) Shri S. S. Merh	On Indian Diamonds	Proceedings of the symposium "Mineral raw materials of India and utilization of their bye-products" held under the auspices of the National Institute of Science on the 9th October, 1953. (Abstract).
(ii) Professor D. Subba Rao	Engineering Education in India.	A. P. T. I. Journal, August, 1953.
	Engineering Contractor	Viswakarma (Engineering College,) Anand, May, 1954.
(iii) Dr. S. M. Sen	Theoretical analysis of magnetic amplifiers	Proceedings of the Indian Science Congress, January, 1954.

8 Other literary and cultural activities.

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

(a) *Lectures* :

	Name of the Lecturer	*Subject of Lecture*
(i)	Professor D. Subbarao, Dean Faculty of Technology (including Engineering)	Hydro electric Project
(ii)	Dr. K. N. Kulshreshta, Ex-Chief Medical Officer of former Baroda State	Health Maintenance
(iii)	Shrimati K. G. Karandikar, Senior Lecturer in Home Management, Faculty of Home Science	Happy Marriage
(iv)	Shri D. S. Desai (3 Lectures) Chief Designer, Messrs Braithwaite & Company (India) Limited	Structural Steel Work
(v)	Shri V. Y. Kantak, Dean, Faculty of Arts	Drama
(vi)	Shri A. C. De, Executive Engineer, Western Railway Baroda Division.	Railway Engineering
(vii)	Shri Lional Brelt, Town Planner and Architect	Town Planning in India

(b) *Brains Trust* :

(i) Shri J. B. Fernandes, President of the Indian Institute of Architects, Shri G. M. Bhuta, University Architect, Shri C. Batley, Consultant Architect acted on an Architectural Brains Trust programme.

(ii) Another Brains Trust programme was also organised in which Professor D. Subbarao, Professor A. C. Sahgal, Dr. G. K. Karandikar, Dr. S. M. Sethna, Dr. J. C. George and Shrimati K. Tilak took part.

(c) *Elocution Contests* :

(i) Two students of the Faculty were sent to represent the Faculty for the M. N. Wadia Inter-Faculty Debating Competition.

(ii) One student was sent to represent the Faculty for the "Mahadeo Desai Gujarati Elocution Competition" held at L. D. Arts College, Ahmedabad.

(d) *Seminars :*

All students of the final year Degree and Diploma classes take part in seminars. Students prepare and read papers on a selected theme relating to the subject of their study and actively participate in the discussions.

During the year under report the following seminars were held and the same were attended both by the staff and students :—

Department	*Subjects of the Seminars*
(1) Electrical Engineering :	Damodar Valley Corporation Scheme ; Lightening charges ; Underground Power stations ; Transformers, installation and maintenance ; Sabarmati power house and North Gujarat Grid ; Urban power house and South Gujarat Grid.
(2) Mechanical Engineering :	High pressure steam generation ; The place of diesel engine as a prime mover ; Job production *vs.* Mass production in the workshops and factories ; Power transmission in Industry ; Defects in casting and their remedies.
(3) Civil Engineering :	Construction of Vaitarna Dam ; Astronomy ; Baroda's water supply scheme ; Different types of bridges ; Suspension bridges ; Prestressed concrete.
(4) Textile Chemistry :	Linen as a best fibre ; Importance of water in dyehouse ; Washing ; What is Nylon ; Nylon finishing ; Dyeing of Nylon ; Block printing ; Block printing history ; Silk screen printing ; Removal of stains ; Coal tar dyes ; Colour and constitution ; Bleaching of animal fibres ; Delustring of rayon ; Textile auxiliary products ; Monofast ; Fireproofing ; Production of metal ; Screens ; Wool finishing ; Role of detergents in Kier boiling ; Drying of Textiles ; Weighing of Textiles ; Wool scouring ; Bleaching of silk ; Hosiery dyeing ; Technique and economy of peroxide bleaching processes ; Practical side of textile printing ; Abbot cox process of dyeing of cotton ; Use of Alkalies in Textile Industry ; Development in Synthetic Fibres ; Manufacture of rayon ; Direct colours of viscose ; Latest dyes for pigment printing ;
(5) Textile Engineering :	Drafting ; Dobby shedding ; Layout of weaving sheds ; Development of preparatory and weaving machines.
(6) Architecture :	Life sketch of Wright ; Architecture is more of an art than science ; Is the profession of architecture more suited to women rather than men ?

9. Co-curricular Activities.

(a) *Dramatic and Music activities :*

The Dramatic Association was started last year to create an interest among the students and the members of the staff of the Faculty. The Association presented its maiden variety entertainment programme last year in the first term in the Faculty premises. On behalf of the Association a variety entertainment programme was presented on the 27th January, 1954 in the Faculty as the part of the Republic Day celebration.

(b) *Photographic Association :*

The second annual photographic exhibition was held by the Association during the University Week and one hundred and sixteen entries were received of which some came from the Faculties of Arts, Fine Arts, Science and Experimental High School. The Association photographed the different laboratories and workshop of the Faculty.

(c) *Co-operative Stores Society :*

The Faculty started a students' store during the year. The founder members were able to gather a good sum towards shares and entrance fee. A sum of Rs. 500/- was deposited in the Co-operative bank and the materials in the store was worth about Rs. 500/-. The working of the of the store was satisfactory and some profit was made during the year.

(d) *Exhibition of educational films :*

The Faculty has a stock of one dozen films on various subjects of educational interest and also 14 strips of 35 mm films. Every year additional films are obtained on loan for use from the following organizations :-

(i) British Information Services
(ii) United States Information Services

(iii) Burmah Shell Company
(iv) Visual aids department of Bombay State
(v) Films Division, Government of India, New Delhi.

About 40 interesting films relating to Engineering and Technological topics were shown during the year at the Faculty.

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 is followed. Regular records of the class-work and periodical tests of the students are maintained. In deciding the annual 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 tests are 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.

This does not apply in the case of subjects where separate term-work marks have been assigned.

CHAPTER XIV—FACULTY OF FINE ARTS

1. Buildings.

The new addition during this year to the already existing buildings were the construction of a Bronze Casting and Pottery Kiln shed as an annexe to the Sculpture Studio, a Students' Common Room and Canteen. Also in the main building one of the rooms was turned into a 'Dark Room' for the Photography department. The former Wood-craft building was divided between Wood-craft department and the Process Studio as a temporary measure. Work of construction of a new two-storey structure to accommodate the (1) Lecture rooms, (2) the Office, (3) the Photography department and the (4) studios for members of staff was undertaken during the year and completed upto the plinth level. A number of minor alterations were also carried out.

2. Courses of Studies.

The Faculty offers the following courses :

(i) Post-graduate and Post-diploma courses in Painting, Sculpture and Applied Arts.
(ii) Post-graduate Diploma course in Museology.
(iii) Degree course in Fine Arts in Painting, Sculpture and Applied Arts.
(iv) Diploma course in Fine Arts in Painting, Sculpture and Applied Arts.
(v) Certificate course in Photography, Lithography, Pottery and Wood-crafts.

For the first time the institution arranged the course of Bronze Casting for Fourth Year students of Sculpture. This course is the first of its kind in India for an institution imparting art education. Arrangements are being made to organise a full-fledged Process department with a view to providing a new optional subject to the students of Applied Arts from next year.

3 Number of Students.

The number of students enrolled in the various classes during the year 1953-54 was as under :—

Year or Class	*Men*	*Women*	*Total*
Certificate :			
First Year	1	–	1
Second Year	1	–	1

Year or Class	*Men*	*Women*	*Total*
Diploma :			
First Year	8	–	8
Second Year	3	–	3
Third Year	6	–	6
Fourth Year	–	–	–
Post-Diploma	3	1	4
Degree :			
First Year	11	1	12
Second Year	5	4	9
Third Year	3	–	3
Fourth Year	4	–	4
Post-graduate :			
M.A. (Fine)	5	1	6
Post-graduate Diploma in Museology	10	4	14
Total :	60	11	71

4 Staff.

During the year under report the staff of the Faculty consisted of 1 Professor, 2 Readers, 2 Senior Lecturers, 5 Junior Lecturers, 2 Tutors, 2 Demonstrators, 5 Class III and 9 Class IV servants.

Besides these following were invited as visiting lecturers to the Faculty during the year to lecture on subjects specified against each :—

Name	*Subject*
Shri R. M. Raval	Western Indian Art
Shri R. C. Parikh	Indian Art
Shri Achrekar	Portrait Painting (Lecture-demonstration.)

5. Library and Reading Room.

The Faculty has a good collection of books on various Arts in its library and also provides a reading room for students. The following are the figures showing average daily attendance and circulation of books :

Particulars	*Number*
(1) Average number of students making use of the Library and Reading Room daily	20
(2) Average number of teachers making use of the Library and Reading Room daily	8

(3) Total number of books issued to the students during the year	424
(4) Total number of books issued to the teachers during the year	105

The following figures show the stock and the expenditure on the maintenance of the Library and Reading Room during the year 1953–54 :–

Particulars	*Number*	*Cost*
(1) Books (including back Numbers of Journals) on 1–7–1953	1384	Rs. 17,984–14–6
(2) Books written off during the year	—	—
(3) Books added during the year	179	Rs. 2,967-15-9
(4) Books on 30–6–1954	1563	Rs. 20,952-14-3
(5) Journals subscribed in 1953-54	28	Rs. 836-14-0
(6) Amount spent on binding in 1953-54	—	Rs. 182-0-0
(7) Total amount spent for the Library and the Reading Room during the year	—	Rs. 3,986-13-9

6. Museum, Laboratories, etc.

The Faculty provides fully equipped studios for the students pursuing their studies in Painting, Sculpture and Applied Arts. It has also a fairly equipped Photography studio and a workshop for Wood-craft and Pottery department. A laboratory of the Process department is being fitted up. The students are provided with necessary facilities by the Baroda Museum for a study of various art pieces. An Exhibition Hall provides accommodation for various exhibitions in Painting, Sculpture and Photography. The following table gives the cost of equipment in its different studios and laboratories :—

Sr. No.	*Item*	*Cost of equipment on 1-7-1953* Rs.	*Cost written off during the year* Rs.	*Cost of equipment added during the year* Rs.	*Cost of equipment on 30-6-1954* Rs.
1	*Studios*				
	Painting	2085/-	—	400/-	2485/-
	Sculpture	2870/-	—	690/-	3560/-
	Applied Arts	1645/-	—	80/-	1725/-

Sr. No.	Item	Cost of equipment on 1-7-1953	Cost written off during the year	Cost of equipment added during the year	Cost of equipment on 30-6-1954
		Rs.	Rs.	Rs.	Rs.
2	*Laboratories & Workshops*				
	Wood-carving	1855/-	—	112/-	1967/-
	Process	—	—	6000/-	6000/-
	Lithography	3510/-	—	500/-	4010/-
	Photography	3146-13-0	—	150/-	3296/13-0
	Etching	2200/-	—	2250/-	4450/-
	Bronze Casting	—	—	3000/-	3000/-
		17,311-13-0		13182/-	30,493-13-0

7. Publications by the Members of the Staff.

Professor Markand Bhatt with the assistance of two research scholars is compiling materials necessary for writing a Book " History of Indian Fine Arts ". A few chapters on various topics comprising almost one third of the book were completed during the year.

8 Literary and Cultural Activities.

Most of the members of staff remain busy in evolving new art expressions in their special spheres. Shri N. N. Chaudhary, Head of the department of Sculpture, won the second prize in All India Exhibition of Sculpture organised by the Government of India.

Professor Markand Bhatt was invited by the University of Toronto, Canada as a Visiting Professor to give lectures on ' Indian Art '.

9. Co-curricular Activities.

(a) Study Tour : Almost all the students and members of the staff participated in a study tour to cultural centres like Banaras, known for their scenic beauty and to Sanchi, Khajuraho and Mathura which exemplify certain phases of the development of Sculpture in India. The tour lasted for 10 days from the 15th to the 26th December, 1953.

(b) Exhibitions :

The following exhibitions were held during the year 1953-54 :—

(1) Exhibition of the students' works was held on the 7th October, 1953.

(2) University Week Exhibition was held from the 29th November to the 5th December, 1953.

(3) Exhibition of the photographs on " Flower in Art " was held on the 31st January, 1954.

(4) Exhibition of the works of the students and the members of staff executed during the study tour to Banaras was arranged in the last week of February 1954.

(c) Celebrations :

(1) Death anniversary of Dr. Anand K. Coomaraswamy on the 10th September, 1953

(2) Gandhi Jayanti on the 2nd October, 1953

(3) Dassera Festival on the 16th October, 1953

(4) Final Year students' outgoing party on the 28th March, 1954.

(d) Film Shows :

The following films were exhibited during the year at the Faculty premises. Most of the films were exhibited to provide further information and demonstrations in fine arts to the students.

(1) A film show on " Community Workshops " was arranged on the 7th July, 1953.

(2) A film show on (a) Pattern of American Rural Arts and (b) National Gallery of Art was arranged on the 25th January, 1954.

(e) Lectures and Demonstrations :

(1) Shri V. P. Karmarkar and Shri S. Chavda gave demonstrations in study from life in clay and pencil on the 26th and the 27th September, 1953.

(2) Mr. W. G. Archer, Keeper, V. & A. Museum, London, gave lecture demonstration on " Aspect of Indian Paintings " on the 10th January, 1954.

10. Other Important Events.

(a) (i) At the Hyderabad Exhibition of Art, six students of the Faculty were awarded Merit Awards and Prizes.

(ii) At All India Exhibition of Sculpture our student of the Sculpture department got the eighth prize.

(iii) Two paintings of one of the students of the Painting department were selected for an International Exhibition held in Vienna.

(iv) Four students of the Painting department obtained commissions to paint seven panels for the Parliament House Decorations of Indian History Murals scheme.

(b) The following persons visited the Faculty during the year :—

(i)	Acharya Kripalani	16-7-1953
(ii)	Members of the World University Service	16-7-1953
(iii)	Shri K. G. Saiyadain, Joint Educational Adviser, Ministry of Education, Government of India .	27-8-1953
(iv)	Mr. Abbe, Japanese Artist	15-9-1953
(v)	Mr. J. G. Bruton, Educational Officer, British Council in India, Bombay.	30-9-1953
(vi)	Mr. Dundas, Chief Representative, British Council	4-12-1953
(vii)	Professor R. N. Tandon	2-1-1954
(viii)	Delegates of the Secondary Teachers' Conference	18-1-1954
(ix)	Dr. (Miss) Olive Reddick, Executive Secretary, United States Educational Foundation, New Delhi	4-2-1954
(x)	Hon. Brett, famous Architect of U. K.	3-3-1954

11. Outside Order Works.

The Faculty is accepting outside orders which are mainly undertaken by the (A) Lithography (B) Photography (C) Sculpture (Pottery) departments.

Orders executed during the year aggregate to Rs. 2637/- and the profit realised therefrom was Rs. 319/- approximately.

CHAPTER XV—FACULTY OF HOME SCIENCE

1. Buildings.

The Faculty of Home Science, started on the 3rd July, 1950, is a unique institution in India. The Faculty is housed in a new building specially designed for the purposes of teaching, and laboratory work in Home Science. A complete wing on the western side of the building forms the Nursery School which is the laboratory for the department of Child Development. There are also well equipped laboratories for Foods and Nutrition, Home Management, Arts and Crafts, Textiles, Laundry and Clothing Construction. A fully furnished cafeteria, a spacious auditorium which can accommodate 300 persons and a Practice House for residence in Home Management are also parts of the building. Preparations for establishing laboratories in Bio-chemistry and Bacteriology are in progress.

Proposals for constructing a separate house for residence in Home Management and an animal house for Nutrition Research involving an estimated expenditure of over Rs. 50,000/- were submitted to the University.

2. Courses of Studies.

The Faculty offers the following courses :

(a) Post-graduate courses in Foods and Nutrition leading to M.Sc. (Home) degree, (b) Graduate courses leading to the degree of B.Sc. (Home) with any of the four majors, (i) Home Science Education, (ii) Child Development, (iii) Foods and Nutrition, (iv) Home Management.

The courses for the first two years are planned to give a general broad background in applied Arts and Sciences constituting the "Core Curriculums". During the third and fourth years the students can choose any one of the Majors mentioned for specialisation.

3. Number of Students.

The number of students enrolled in the various classes during the year 1953-54 was as under :—

Year or Class	*Number (Women)*
B.Sc. (Home) 1st year	56 + 3 (Non-collegiate)
B.Sc. (Home) 2nd year	44 + 1 (Non-collegiate)

Year or Class	Number (Women)
B.Sc. (Home) 3rd year	22
B.Sc. (Home) 4th year	24
M.Sc. (Home) Junior	2
Total...	148 + 4 = 152

4. Staff.

During the year under report the staff of the Faculty consisted of 1 Visiting Professor, 1 Reader, 4 Senior Lecturers, 5 Junior Lecturers, 5 Demonstrators and Teachers, 6 Class III and 14 Class IV servants.

5. Library and Reading Room.

The growing Library of the Faculty has at present 2,216 volumes costing Rs. 14,652-5-9 and 33 periodicals and Journals, costing Rs. 555-9-0 annually. The open Shelf system was tried during the year under report and it has been found satisfactory. Suitable arrangements for reading have been made in the same room. Most of the books in the library are related to the subjects taught in the Faculty and are widely used by the students and the staff. Two student assistants work in the library during out of college hours thus extending the number of hours during which the library facilities could be utilised. The following figures show the average daily attendance and circulation of books :—

	Particulars	Number
1	Average number of students making use of the Library and Reading Room daily.	145
2	Average number of teachers making use of the Library and Reading Room daily.	25
3	Total number of books issued to the students during the year	365
4	Total number of books issued to the teachers during the year	364

The following figures show the stock and the expenditure on the maintenance of the Library and Reading Room during the year 1953-54 :

	Particulars	Number	Cost
1	Books (including back numbers of Journals) on 1-7-1953	1896	Rs. 12,304- 8-9
2	Books written off during the year	—	—
3	Books added during the year	320	Rs. 2,347-13-0

	Particulars	Number	Cost
4	Books on 30-6-1954	2216	Rs. 14,652-5-9
5	Journals subscribed in 1953-54	33	Rs. 555- 9-0
6	Amount spent on binding in 1953-54	—	Rs. 98-14-0
7	Total amount spent on Library and Reading Room during the year	—	Rs. 3,002-4-0

6 Museum, Laboratories, etc.

The various departments in the Faculty arranged exhibits from time to time in the show cases at the entrance hall, depicting the different aspects of Home-making. Attempts are now being made to maintain a permanent Museum under the department of Home Science Education.

The following laboratories give facilities for practical work to the students of the Faculty: the Foods laboratory, the Home Management house and laboratory, the Nursery School–"Chetan Balwadi," the Cafeteria, Arts and Crafts room, the Laundry and Clothing laboratories. The laboratories for Bio-chemistry and Bacteriology with gas plant installation will be ready soon. The gas plant will supply gas to all the laboratories including the Cafeteria. The following table gives the figures for the expenditure on laboratory equipment :—

Sr. No.	Item	Cost of equipment on 1-7-1953	Cost of equipment written off during the year	Cost of equipment added during the year	Cost of equipment on 30-6-1954
		Rs.	Rs.	Rs.	Rs.
1	Laboratories	Rs. 65932-0-2	—	Rs. 35859-7-3	101791-7-5

7 Publications by the members of the staff.

The following were the publications by the members of the staff during the year 1953-54 :—

(*i*) *Articles or Papers :*

Name	Title	Where published
Dr. (Shrimati) R. P. Devadas	The Effect of Protein Fat, Vitamin, & Egg Yolk Extract Supplementations (Singly & combined), to the poor Rice Diet of South India on the growth of rats.	M. S. University Journal, October, 1953.

Name	*Title*	*Where published*
	Making Home out of House. (with T. S. Sutton)	The Woman's Welfare Journal, Madras.
	Food Preservation. Food Poisoning. Food Service. Deficiency Diseases. Food Values. Food Stuffs.	Tamil Encyclopædia (Madras).

8 Other Literary and Cultural Activities.

(i) Dr. (Shrimati) R. P. Devadas was invited to participate in the Tamil festival held in New Delhi in August, 1953 which was inaugurated by Dr. Rajendra Prasad, President of India. She gave a lecture on "Nutrition Research" in Tamil.

(ii) This Faculty has been the venue of two important meetings of the Executive Committee of the Home Science Association of India during the year under report.

(iii) Various projects have been undertaken during the year under report as shown below :

(a) The students of the Child Development department carried out a project, "A Study of the present state of Nursery Schools in Baroda." They also organised a Symposium on "Marriage" under the Presidentship of Shrimati Hansa Mehta, the Vice-Chancellor.

(b) The Home Management department conducted an inquiry into the patterns of household expenditure for which statistical guidance was given by Dr. N. M. Bhatt, Head of the department of Statistics.

(c) The students of Nutrition department were engaged in a study of food costs and formulation of adequate diets at minimum expenditure in Baroda.

(d) The students majoring in Home Science Education made a comparative study of the existing curriculum in Home Science for secondary schools of Bombay State. They are helping in the reorganisation of the Home Science Department in the Maharani High School.

(e) In addition to the regular teaching, the staff in the department of Foods and Nutrition has been responsible for the cafeteria and

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MAHARAJA SAYAJIRAO UNIVERSITY OF BARODA

school lunch programme. The fourth year students in the Foods and Nutrition were helpful in the work of the cafeteria when they attempted to serve nutritious snacks and emphasized the contribution of fruits, raw vegetables, salads and milk. The third year students worked on special projects on lunch for the Nursery School.

(iii) Some members of the staff gave lectures to outside bodies as shown below :

Name	*Title of the Lecture*	*Place and Date*
Professor (Miss) F. P. Kittrell, Visiting Professor in Foods and Nutrition	Subject matter content for High School Home Science Courses	Teachers College, Mysore, May, 1954
Shrimati K. G. Karandikar, Senior Lecturer in Home Management	Management and Family Efficiency	Faculty of Technology (including Engineering), Baroda, September, 1953
Kumari Amita Mehta, Senior Lecturer in Child Development	Home Science Education in Baroda	Ganesh Mahotsava Committee Mehsana, September, 1953
	Home Science Courses in Baroda University	Career Conference Surat, January, 1954

9. Co-curricular Activities.

(i) The students and staff of the Faculty participated actively in the various functions and celebrations of the University during the year under report. They contributed significantly to the entertainment programme of the University Week Celebrations. They gave whole-hearted support to the newly started A.C.C. programme. The students won many prizes in the sports and games. The students organised a variety entertainment programme in October, 1953 for collecting funds in aid of poor students and social work. The programme was presided over by His Highness Maharaja Fatehsinhrao Gaekwad, the Chancellor of the University. It was a great success bringing in a sum of Rs. 700/- for the purpose. The students competed in the "Dulari Garba" competition and won the Trophy by standing first.

(ii) The exhibition arranged during the University Week attracted over 600 visitors daily even when an entrance fee of Rs. 0-2-0 was charged,

At the Elocution contest sponsored by the Rotary Club of Baroda, a student of the Faculty won the first prize for her extempore speech in English.

(iii) The officers of the Home Science Club were installed at a solemn and inspiring ceremony on the 26th June, 1953, when Shrimati Hansa Mehta, the Vice-Chancellor, presided over the function. The Home Science Club sponsored and looked after many student activities such as celebration of national festivals, sports and games, editorial work, students stores, cultural meetings, social work, A.C.C., and debates. In addition, they carried on correspondence with some Home Economics Clubs in the U.S.A.

(iv) The Home Science Club gave a reception to Professor (Miss) Flemmie Kittrell on her arrival from U.S.A. as a Visiting Professor to the Faculty.

(v) The Faculty has consistently encouraged the principle of earning while learning, emphasising the dignity of labour. 15 student assistantships of Rs. 15/- each a month were awarded in lieu of one hour service daily as part-time jobs in the library, laboratories, cafeteria and office. This helped the needy student for seeing their ways through college. Their work was found to be satisfactory.

(vi) A small kitchen garden was started as a hobby for students on the rear side of the Cafeteria under the supervision of Kumari P. S. Chari. Vegetables were supplied from time to time to the Hostel, Cafeteria, Home Management House, Chetan Balwadi, members of staff of this and other Faculties. The garden activities became so popular that 20 students regularly worked in the garden.

(vii) The first issue of the Magazine of the Faculty was published in February, 1954 and many interesting and informative articles were contributed by the members of the Faculty.

(viii) An extension programme for local Home makers was inaugurated on 26th August, 1953 by Shrimati Hansa Mehta, the Vice-Chancellor, when Miss Levice B. Ellis, Home Economist of the T.C.M., American Embassy, New Delhi, gave a demonstration. It is proposed to enlarge the sphere of extension activities under the department of Home Science Education.

(ix) A small sale of the handicrafts was arranged during the University Week and it was very popular. There have been many

demands for the articles produced in this department from foreign and local friends.

10. Tutorial and Class Work.

The Faculty has adopted the grade credit system from the very beginning. In this system the students' progress is evaluated through regular class work and examination. The students are given every opportunity for full development and expression. Regularity in attendance, amount of initiative shown, participation in co-curricular activities, and performance in examinations are all utilised in assessing the students' merits. All the students are assigned advisers from among members of the staff who are responsible for counselling and helping students with their problems regarding studies, finance, health etc....The adivisers are also in charge of the tutorial work of the student. They arrange indvidual conferences with the students for free discussions and exchange of ideas.

11. Other Important Events.

(i) *The Southern India Tour :*

The senior students of the Foods and Nutrition group and some junior students undertook an extensive educational tour of South India, under the guidance of Dr. (Shrimati) R. P. Devadas the Dean, and Professor (Miss) F. P, Kittrell, Visiting Professor. The high lights of the trip were visits to scientific and nutritional laboratories and cultural places in Bombay, Bangalore, Mysore, Coonoor, Coimbatore, Shri Ramkrishna Vidyalaya in Perianaicken Palayam, Gandhigram, Dindigul, Mathurai, Rameswaram, Trivandrum and Madras. The students had the happy experience of meeting Shri C. Rajagopalachari, Chief Minister of Madras and Shri C. Subramanium, Minister of Education and Finance of Madras State.

Dr. A. Laxmanswami Mudaliar, the Vice-Chancellor of the University of Madras, invited the students to tea in the University premises.

(ii) *The Short Term Summer Course in Home Science for High School Girls :*

At the request of Shri Raman Vakil, Principal, Modern High School, Bombay, the Faculty conducted a short term course of three weeks duration from the 20th May to the 10th June, 1954. 34 students from 8 different schools in Bombay and Baroda were enrolled for the course. They were

accommodated in the Sarojinidevi Hall of Residence and most of the teachers stayed with them. Participation in various activities was provided for them and the pupils manifested keen interest and thorough appreciation for the same. The Government of India, Films Division, had a news reel made of the course. It is now definitely felt that such courses should be given every year under the auspices of the Faculty.

(*iii*) *Research*:

Beginnings have been made in the study of Food Preservation, experimenting on Indian fruits and vegetables.

(*iv*) *Visiting Lecturers*:

Miss Marjorie Wybourn, Fullbright Professor at St. Christopher College, Madras, gave a series of lectures on Textiles, on the 11th December, 1953 on "Fabric Selection". Shri V. M. Rajan, Psycho-Therapist of the Nur Manzil Psychiatric Centre in Lucknow, delivered a lecture on 'Early childhood problems' before the parents group of the Chetan Balwadi on the 3rd February, 1954.

Shri Ravishankar Maharaj spoke on "Social Work and Home Science" on the 14th August, 1953.

12. The Chetan Balwadi.

The number of children in Chetan Balwadi has been increased from 50 to 60 this year. A lunch programme has been introduced in the Nursery School with the co-operation of the Foods and Nutrition department. Meetings of the parents were held periodically to discuss problems of children relating to foods and other activities. The children were taken to Vasad for picnic which was very enjoyable. The grant from the UNICEF helped greatly in giving lunch and other amenities to children coming from poorer classes. The appointment of a lady doctor as a regular physician for the Nursery School was very helpful in maintaining School health records.

13. Alumni News.

The first group of students who were enrolled in 1950 completed their requirements for B.Sc. (Home) degree and was declared successful in B.Sc. (Home) degree examination of April, 1954. Seven majored in Nutrition, while ten had their specialization in Child Development. There is a very great demand for their services from many sources including the National Extension Services of the Government of India, and already nine have accepted jobs.

Among the three graduates of the previous year 1953, one is holding a responsible job in the College of Catering, Bombay, one is employed as a House Keeper in the Sarojinidevi Hall of Residence of the University and one has proceeded for higher studies in the U.S.A.

14. Distinguished Visitors.

The following persons visited the Faculty during the year:

1. Her Highness Matushri Maharani Shantadevi Saheb.
2. Her Excellency Shrimati Bajpai.
3. Shri Morarji Desai, Chief Minister of Bombay State.
4. Shri T. T. Krishnamachari, Minister of Industries, Government of India.
5. Shri K. G. Saiyidain, Joint Educational Adviser to the Ministry of Education, Government of India.
6. Shri E. W. Ariyanayakam, Sevagram.
7. Bishop Hoyt.
8. Dr. Ruth Wright, Educational Consultant, T. C. M., U. S. A., Embassy, New Delhi.
9. Dr. (Miss) Olive Reddick, Executive Secretary, U.S. Educational Foundation, New Delhi.
10. Miss Levic B. Ellis, T. C. M., Home Economist, U. S. A., Embassy, New Delhi.
11. Dr. Wealthy Fisher, Director, Adult Literary Centre, Allahabad.
12. Dr. & Mrs. Gold Finger, Scientist.
13. Mr. Clifford Fee, I. L. O. expert on Training within Industry course.
14. Howard Norman, Melbourne, Australia.

CHAPTER XVI—FACULTY OF SOCIAL WORK

1. Buildings.

During the year under report no additions and alterations were carried out to the buildings. At the meeting of the Board of Visitors held on the 16th November, 1953 it was resolved to recommend to the Syndicate that a new building for the Faculty on the present site was a necessity and that a beginning should be made by constructing an assembly hall and a library room on the south side of the present building. The Syndicate at their meeting held on the 16th January, 1954, have resolved to start working out plans on the above lines.

2. Courses of Studies.

The Faculty offers a post-graduate course in Social Work. The curriculum consists of Class Room Work, Field Work and Research.

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 was able to offer wider and richer practical experience to its students than in the past. The following agencies in Baroda co-operated in offering rich and valuable practical training to the students:—

1 Shri Fatehsinh Arya Anath Ashram
2 The Remand Home
3 Baroda Certified School
4 Baroda Central Prison
5 Government Deaf and Dumb School
6 Shri Jamnabai Hospital, Child and Maternity Section
7 Shri Chimnabai Industrial Home for Women
8 Shri Padmavati Sanatorium, Tuberculosis Clinic
9 Shri Sayaji General Hospital
10 The Mental Hygiene and Psychiatric Clinic (Shri Sayaji General Hospital, Baroda)
11 The Atladra Rural Work Centre
12 The Bil Rural Work Centre

13 Ranoli Village
14 The Camp Road Community Welfare Centre
15 The Alembic Chemical Works Co. Ltd.
16 The Jyoti Ltd.
17 The Baroda Spinning and Weaving Co. Ltd.
18 The Sarabhai Chemicals Ltd.
19 Shri Dinesh Woollen Mills Ltd.
20 Shri Jagadish Mills Ltd.
21 Shri Sayaji Mills Ltd.

(b) Rural Work:

The experimental Rural Work Centres established in Atladra and Bil Villages expanded their programme and developed into Community Welfare Centres. The services consist of medical help and health education, recreational activities for women and children, visual education, adult education, formation of the village council and running a fortnightly bulletin "Our Village".

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 and the work is continued this year also. During the year under report, this Faculty was visited by a Social Worker from Australia, Mrs. Jean Norman who felt the need for expansion of the activities of the Clinic in the direction of family consultation and child guidance. She has agreed to finance the expansion of the Clinic for a period of three to five years, provided the University thereafter assumed responsibility for the continuance of this service on permanent basis. Accordingly the Syndicate at their meeting held on the 20th March, 1954 have accepted the plan of expansion and steps are being taken to execute the plan.

(d) *Camps:*

Camps and study tours are required parts of the Faculty's total programme. Two camps and one study tour are conducted during the two

years' training period. Two camps of the junior students were taken to Cambay and Hosangabad and one study tour for senior students was organised at Poona. Besides helping the students to live and work together, these tours serve the valuable purpose of placing the students in direct touch with the working of other organizations and communities.

3. Number of Students.

The number of students enrolled in the various classes during the year 1953-54 was as under :—

Year or Class	*Men*	*Women*	*Total*
Junior Class	17	5	22
Senior Class	14	8	22
Total	31	13	44

4. Staff.

During the year under report the staff of the Faculty consisted of 1 Professor, 1 Reader, 5 Senior Lecturers, 2 Junior Lecturers, 2 Part-time Lecturers, 5 Class III and 7 Class IV servants. Besides, the following were invited as Visiting Professors to the Faculty to lecture on the subjects specified against their names :—

Name	*Subject*	*No. of Lectures*
1 Shri F. S. Chothia, Director of the Vocational Guidance Bureau, Bombay. (Jan. 17, 18, 19, 1954).	The practical use and application of intelligence and aptitude tests.	Two
2 Shri K. V. Rajan, Psycho-therapist from Nur Manzil Clinic, Lucknow. (Feb. 1 to 4, 1954).	Discussion of some of the cases treated in the Lucknow Clinic.	One
	Effect of superstition on mental health and child up-bringing.	One
	Human personality from a mental health point of view.	One

5. Library and Reading Room.

The Faculty has a well-equipped library of over 2000 volumes on professional social work and allied subjects. Every attempt is made to acquire the latest publications in the field of social work. There are a large number of well-known professional journals subscribed by the Faculty. The Library provides part-time employment to some students of the Faculty.

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

	Particulars	*Number*
1	Average number of students making use of the Library and Reading Room daily	25
2	Average number of teachers making use of the Library and Reading Room daily	4
3	Total number of books issued to the students during the year	4,500
4	Total number of books issued to the teachers during the year	600

The following figures show the stock and the expenditure on the maintenance of the Library and Reading Room during the year 1953-54.

	Particulars	*Number*	*Cost*
1	Books (including back number of Journals) on 1-7-1953	1750	Rs. 12,666- 9-3
2	Books written off during they ear	—	—
3	Books added during the year	303	Rs. 2,089- 5-3
4	Books on 30-6-1954	2053	Rs. 14,752-14-6
5	Journals subscribed in 1953-54	40	Rs. 835- 0-0
6	Amount spent on binding in 1953-54	—	Rs. 177- 0-0
7	Total amount spent for Library and Reading Room during the year	—	Rs. 3,098- 7-3

6. Publications by the members of the staff.

The following were the publications by the members of the staff during the year 1953-54 :—

(a) Articles or Papers :

	Name	Title	Where published
1	Dr. (Kumari) Parin Vakharia	Implementation of the Welfare Projects of the Five Year Plan.	The Indian Conference of Social Work, Bombay, January, 1954.
		Admission Policy in a School of Social Work	Faculty of Social Work Magazine, June, 1954.
		Social Work & Rural Welfare.	Social Welfare, July, 1954.
2	Shrimati Perviz Bhatt	A Brief Report on an Experiment in Nutrition and Recreation.	Faculty of Social Work Magazine, June 1954.
3	Kumari A. K. Menon	Social Services in Hospitals.	Women's Welfare Journal, Annual, January, 1954.
4	Shri W. P. Singh	Treatment and Prevention of Juvenile Delinquency.	Indian Journal of Social Work, March, 1954.

7. Other Literary and Cultural Activities.

(i) *Staff Seminars :*

The staff members of the Faculty recognize the importance of the need to develop their own skills as teachers and supervisors continuously. They, therefore, have been holding weekly seminars for the past three years with the senior supervisor to discuss problems in their work; one of the major results of these meetings has been the establishment of criteria for the evaluation of students' performance in field-work.

(ii) *Deputations :*

(a) Dr. (Kumari) Parin Vakharia was deputed to attend the Seventh International Conference of Social Work at Toronto, Canada, by the Indian Conference of Social Work, Bombay, as a delegate and was accordingly granted duty leave for the period of two months, during June-July 1954.

(b) Shrimati Perviz Bhatt was deputed to represent the University at the Seventh International Conference of Social Work at Toronto, Canada, during June-July 1954.

(iii) Study Tours :

The following staff members went on study tours during the period :—

1. Shri S. H. Shah, Field Assistant, went on study tour to Vedachhi Ashram, Surat District, for nine days in November 1953.

2. Shri W. P. Singh, Junior Lecturer, went on study to Wardha, for six days in November, 1953.

3. Kumari J. C. Merani, Senior Lecturer, went on study tour to Koba (Ahmedabad), for a day in February, 1954.

4. Kumari A. K. Menon, Senior Lecturer, went on study tour to Bombay, for eight days in April and May, 1954.

(iv) Extra-curricular activities :

Dr. (Kumari) P. Vakharia served on the :—

1. National Committee of Social 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.
4. Executive Committee, Indian Adult Education Association.

She has also continued to serve on the Managing Committee of the Baroda District Probation and Aftercare Association.

(v) Studies Association and Students Emergency Loan Fund.

Besides belonging to the University Union, the students of the Faculty run an Association for educational and recreational purposes. Since July 1952, the students have built up a loan fund. A small amount was collected during the year and was utilized in helping the needy students.

8 Co-curricular Activities.

1 *Socials :*

Many social functions were held during the year. A welcome party was given in honour of the students of California University who visited the Faculty. The students also gave a reception to the social work students of J. K. Institute of Sociology and Human Relations, Lucknow University. Besides these, there were social gatherings to welcome new students and new members of the staff and farewell functions in honour of those who left the Faculty.

2 *Sports :*

The Students' Association conducted its annual sports events which included a variety of indoor and outdoor games, where the members of the staff also participated.

3 *Debates*:

The students arranged a debate on the 25th January, 1954. The subject was "In the Opinion of the House, control of population is advisable in India."

4 *Film Shows*:

During the year as a part of Rural Work and Field Work programme, 15 films were shown in the Field Work and Rural Work Centres.

5 *Faculty Magazine*:

The Faculty and the students published a Magazine during the month of May, 1954.

9 Tutorial and Class Work.

Each student in the Faculty is assigned to a teacher for supervision. The student meets the supervisor for at least one hour each week and discusses with him his field-work and any other matter that he may wish to bring up in relation to his work in the Faculty. The supervisory function is conceived as a helping process and forms an essential part of the training programme. The relationship between the supervisor and the student is quite intimate and informal and students feel free to bring up their personal problems and difficulties.

It is recognized that the process of evaluating the student is a continuous process. Students are graded separately in class-room work, field-work and research and definite criteria for evalution have been evolved for each of these three parts of the Faculty programme. The overall performance of the student, rather than his performance in any single test, is taken into account for the purpose of evaluation of his work. The student is kept informed of his progress by the supervisor and assistance is given to make up deficiencies. If the student satisfactorily completes all the courses, meets the field work requirements and submits an acceptable project report, he is permitted to appear for the *viva-voce* which is the final University examination for the M. S. W. degree.

10. Distinguished Visitors.

Dr. John N. McConnell, Ph.D. (Sociology), Professor of Industrial and Labour Relations at Cornell University, visited the Faculty on the 5th and the 6th January, 1954 and delivered three lectures on Personnel Management and Industrial Relations.

Amongst the visitors to the Rural Centres of the Faculty were Mr. Landman, of the Rockefeller Foundation, and five women students of American Universities, who visited Atladra and Bil Centres in August, 1953. Dr. Peter Manniche, L.H.D., Principal of the International People's College, Elsinore, Denmark, also visited rural centres of the Faculty and spoke of how Denmark had solved its agrarian problems through co-operation.

11. Alumni News.

The Alumni of the Faculty have formed their own association and have shown keen interest in their development of the Faculty.

The Faculty has sent out 44 graduates so far. Most of these have secured employment, and are working in the following fields:—

1 Social Education and Community Organization
2 Rural Work
3 Community Project Administration
4 Probation and After-care
5 Labour Welfare
6 Administrative Work in Welfare Agencies, and
7 Training Centres for Social Workers.

A few of the graduates are engaged in voluntary work.

The Faculty has also arranged for apprenticeship training in some of the well-known industrial concerns for some of its graduates, who are specially interested in Labour Management.

12. Other Important Events.

1 The annual donation of Rs. 7,000/- by Sir Sayajirao Diamond Jubilee and Memorial Trust Fund for the Rural Work Programme of the Faculty was continued during the year.

2 Shri Manibhai Amin of the Sanitex Chemical Industries Company Ltd., Baroda continued the donation of vitamin pills for the experiment which is conducted at the Camp Road Centre.

3 The Baroda Municipality and particularly their Health Officer, Dr. R. J. Majmudar, gave blood tests free of charge to all the children at the Camp Road Centre.

4 The staff of Shri Sayaji General Hospital extended full co-operation and assistance to the children referred to them from the Camp Road Centre.

5 Indian Red Cross Society, Baroda Branch, gave a donation of milk powder.

6 The staff of the District Publicity Office, Baroda, gave full co-operation in respect of the visual education programme in the rural areas.

CHAPTER XVII—ORIENTAL INSTITUTE

1. Buildings.

The Oriental Institute is accommodated on the first floor of a Government building, called the Record Tower building, where accommodation is leased to the University at a nominal rent of Re. 1/- per year.

2. Staff.

During the year under report the staff consisted of 1 Director, 3 Superintendents, 1 Translation Assistant, 10 Class III, and 5 Class IV servants.

3. Work of the Institute.

The main work of the Institute is research and publications. The publications are made under the following series :—

1. Gaekwad's Oriental Series
2. Shri Sayaji Sahityamala
3. Shri Sayaji Balajnanamala
4. Shri Sayaji Gramvikasmala
5. Shri Matushri Jamnabai Smarak Granthmala
6. Shri Sayajirao Gaekwad Honorarium Lectures
7. The Maharaja Sayajirao III Golden Jubilee Memorial Lectures

Since the year 1952 the Institute has undertaken the publication work of a "Critical and Illustrated Edition of Valmiki Ramayana". Besides this, as a part of the scheme of co-ordination of the teaching of Sanskrit in the University, five members of the staff of this Institute are recognised as post-graduate teachers in Sanskrit for M.A. The Director, who is recognised for guiding Ph.D. students was guiding six Ph.D. students of the Faculty of Arts.

4. Library and Reading Room.

The Library of the Institute has two sections : (i) the Manuscript section and (ii) the Printed book section.

(i) Manuscript section :

This section has a collection of 14,059 manuscripts in Sanskrit, Pali, Apabhransha and other classical Indian languages. 51 MSS were lent to outside institutions and 600 were issued to different scholars for work on the premises of the Institute.

(ii) Printed book section :

This section had a stock of 15,130 books of the value of Rs. 1.67 lakhs approximately of which 508 were purchased during the year at a cost of Rs. 1,750/-. The library has open-shelf system. 1,200 books were issued to students and 255 to teachers during the year. On an average 25 students and 15 teachers made use of the reading-room every day. Besides the facility of referring to manuscripts and for reading printed books, the reading-room provides 125 journals which are received by the Institute on exchange basis.

5. Gaekwad's Oriental Series.

Editing and publication of the series is one of the main activities of the Institute. The Director works as the General Editor of this series. 121 volumes have already been published under this series, 7 were in the press and 18 under preparation. The following were the four volumes which were at the stage of publication during the year under report :—

GOS No. CXXIV	Natyashastra, edited by Pandit M. Ramakrishna Kavi, Vol. III.
GOS No. CXXV	Trisastisala Kapurusacharitra of Hemachandra translated into English by Dr. Helen M. Johnson, Osceola, Mo. U. S. A., 5 Vols. Vols. IV.
GOS XXIV	Tantrarahasya, a work on Prabhakar School of Purva Mimansa by Ramanujacarya, second revised edition.
GOS XXXVI	Natyashastra of Bharata with commentary of Abhinavagupta, second revised edition of Vol. I.

The publications in this series are sent to eminent scholars of Indology in India and abroad and to research institutions all over the world.

The sale proceeds of the books in this series during the year come to Rs. 890-1-6.

6. Translation Branch.

This branch of the Institute carries on the publication work of books under series 2 to 7 mentioned in para 3. The following work was done during the year :—

(*i*) *Shri Sayaji Sahityamala:*

Two books: (1) Bharatiya Sanskriti by Shri R. V. Desai and (2) Aharvijnana by Dr. J. D. Pathak and Shri R. M. Dalal were published. Three books: (1) Shri Vallabhacarya by Professor K. K. Shastri, (2) Dalpatram by Shri H. H. Buch and (3) Vaidika Sangita ane Anya Lekho by Shri V. S. Desai were under publication.

(*ii*) *Matusri Jamnabai Smarak Granthmala:*

Shrimati Sarojini Mehta is entrusted the work of preparing a book "Gruhajivanaman Strinun Sthan" in Gujarati.

(*iii*) *Shri Sayaji Balajnanmala:*

A programme of further publication was drawn up and given effect to.

(*iv*) *Shri Sayajirao Gaekwad Honorarium Lectures:*

Two volumes: (1) Lectures on "Geology and mineral resources of India with special reference to Gujarat and Bombay State" by Dr. D. N. Wadia, Geological Adviser to the Government of India and (2) Lectures on "Hindu Culture in South East Asia and oher allied subjects" were in the press and nearing completion.

Sale proceeds of all the six series managed by the Translation Branch come to Rs. 549-7-3 during the year.

7. Ramayana Department.

A separate department with the necessary staff was started in the Institute for the work of publishing the critical and illustrated edition of Valmiki Ramayana. The scheme is estimated to cost Rs. 9/- lakhs and the work will continue for about nine years. The department has collected about 200 Ramayana MSS in different scripts from the various parts of India. Besides the MSS, some rare and out of print literature pertaining to Ramayana was purchased from private owners. Some was received as gift. The work of preparing the concordance of principal printed editions of Ramayana was carried on. The work of collation was started from April, 1954. An Editorial Board consisting of Shrimati Hansa Mehta, Vice-Chancellor, Chairman and Dr. P. M. Modi, Dr. P. L. Vaidya, Professor K. C. Chattopadhyaya, Professor D. R. Mankad, Professor G. C. Jhala, Shri P. C. Diwanji, as members and Shri G. H. Bhatt as Secretary and Editor in Chief was appointed during the year. Dr. S. K. Belvalkar, Dr. P. V. Kane, Dr. S. K. De, Professor Vishvabandhu, Rev. Fr. Dr. C. Bucke, S. J., Dr. V. Raghavan, Professor Louis Renou, Professor D. W. Kirfel

and Professor F. Edgerton have kindly consented to work on the Board of referees.

8. Journal of the Oriental Institute.

The Institute publishes a quarterly journal. During the year under review Vol. II, No. 4 and Vol. III, Nos. 1, 2 and 3 in all four numbers were published. Many institutions and learned societies maintain exchange relations with the journal. The number of subscribers to the journal was 48 and its sale proceeds during the year come to Rs. 792-12-0.

9. Other publications by the members of the staff.

The following were the other publications by the members of the staff during the year 1953-54:—

(a) *Articles or Papers:*

Name	*Title*	*Where published*
Shri G. H. Bhatt, Director	(1) The concept of Maya in Suddhadvaita Vedant	The Indian Historical Research Institute Silver Jubilee Volume, 1953.
	(2) The school of Vallabha	Cultural Heritage of India, 1953.
	(3) Vallabhacarya's Anubhasya	Saruha-Bharati Dr. L. Saruh Memorial Volume, 1954.
Shri J. S. Pade, Superintendent, MSS Section.	Maharashtriatila Kathe-ca-sampradaya	Jnaneswara, December, 1953.

(b) *Books:*

Shri J. S. Pade, Superintendent, MSS Section	Tambula Manjari	Journal of the Oriental Institute, September, 1953.
Shri M. R. Nambiar, Superintendent, GOS Section	Madana Maharnava	GOS No. CXVII, July, 1953.

10 Cultural Activities.

(i) The following papers were read at the 17th Session of the All India Oriental Conference held at Ahmedabad in 1953:

Name	*Title*
Shri G. H. Bhatt, Director	The concept of mind in Suddhadvaita Vedant.

Name	*Title*
Dr. Y. J. Tripathi, Translation Assistant	Ajatvada in Gujarati Poetry.
Shri K. S. Ramaswami Shastri, Superintendent, Collation Section, Ramayana Department	The origin of the Prabhakar School of Mimamsa.
Shri J. P. Thakar, Superintendent, Printed Section	Importance of Trisastisalakapurusacaritra of Hemachandracharya.

(ii) Shri G. H. Bhatt, the Director, worked as the Vice-President of the Sanskrit Vidvatsabha Baroda, as the member of the Executive Committee of the Sanskrit Vishva Parishad, Bombay State and delivered lectures on Nepal culture, Philosophy of Shri Arvinda, Concept of Aryan duty, Tulsidasji, Researches in Ramayana, Upanisadic Philosophy, Sankaracarya's Philosophy, Shri Nrusinhacharyaji and Bhagwadgita.

11. Other Important events.

The Institute organised an exhibition during the University Week. It had four sections: (i) GOS publications. (ii) Mala publications. (iii) Printed books and rare and valuable MSS of Valmiki Ramayana. (iv) Picture gallery of renowned Pandits and Savants of India and abroad. 2,100 persons visited this exhibition.

12. Distinguished Visitors.

The following were some of the distinguished persons who visited the Institute during the year :—

1	Shrimati Amita Malik, commissioned by the Government of India to write a guide-book on Western India.	22-7-1953
2	Dr. B. W. Jarnis and Mrs. Jarnis, Nadiad.	5-8-1953
3	46 delegates of the 17th All India Oriental Conference, Ahmedabad.	2-11-1953
4	Dr. R. C. Majumdar, Calcutta.	2-12-1953
5	Pandit Venkatesvara Dixitarji, Joint General Secretary, Sanskrit Vishva Parishad, Bombay.	11-12-1953
6	Dr. P. T. Raju, Head of the Department of Philosophy, Rajputana University, Jodhpur.	17-3-1954
7	Acharya Sri Tulsi, a renowned Jain monk with a batch of his disciples.	22-5-1954

13 Department of Chronology of Gujarat.

(*a*) *Compilation work*:

A scheme of compilation of the Chronology of Gujarat from the earliest period to 1947 A. D. in three volumes in English and Gujarati (Devnagari Script) has been undertaken by the University. A separate department for this work was started in the Oriental Institute in November, 1952 with Dr. M. R. Majmudar as General Editor. The work of volume I is taken up by a board of contributors consisting of Dr. M. R. Majmudar, Dr. A. N. Jani, Professor H. R. Kapadia, Dr. H. G. Shastri and Shri A. V. Pandya. A specimen pamphlet showing the method of recording dates and events of Vol. I was prepared and circulated to about 200 eminent scholars for their comments. Important suggestions like addition of a general index of proper names of authors, works and places at the end received from Professor Dr. Pisani of Milan (Italy) and of fixing the scope of the Chronology with reference to the fluctuating of boundaries of Gujarat during the ten sub-periods of its political history were adopted and the work of compilation was taken up. Nearly half the work was completed by the end of the year.

(*b*) *Other activities of the General Editor*:

During the year Dr. M. R. Majmudar attended the 17th All India Oriental Conference at Ahmedabad in October, 1953 and worked as Secretary of its Fine Arts and Technical Sciences Section. He also read the following four papers at the conference :—

(1) New light on 'Danda Rasaka' based on 'Nrtya nirnaya' of Pundarika Vitthala.

(2) A 13th Century inscribed Metal-Bell from Patan (N. Gujarat) dated Samvat 1318 (1262 A. D.).

(3) A newly discovered fragment of an inscribed Prasasti of Udayana Vihar by Ramchandra Muni from Dholka.

(4) A Pasupatacarya from Anahilpataka appointed head of a 12th Century Matha in N. W. Provinces.

He also attended the History Congress at Waltair in December 1953 and read a paper on "A newly discovered copper plated grant of Vatsaraja, Prince of Bhojadeva, from Modasa, Sabarkantha District, Gujarat, dated Samvat 1067 (A. D. 1011)."

He delivered five lectures under the Thakkar Vasanji Madhavji Lectures Series at Bombay University on the subject "Gujarat and its specific role in the Art History of India".

CHAPTER XVIII—COLLEGE OF INDIAN MUSIC, DANCE AND DRAMATICS

1. Buildings.

The present building of the College of Indian Music, Dance and Dramatics at Sursagar was occupied in June, 1952. The building being situated in the heart of the city is found suitable for the College. The stage of the College theatre is being equipped with spot-lights, curtains and other stage requirements.

2. Courses of Studies.

At present, the College offers four year 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. During the year, candidates were permitted to choose either Dance or Dramatics, along with Music from the subjects prescribed for the First Year (Preparatory) course.

3. Number of Students.

The number of students enrolled in various classes during the year 1953-54 was as under:—

Diploma Classes:

Ist year	106	58	164
IInd year	51	24	75
IIIrd year	29	23	52
IVth year	20	5	25
Vth year	14	5	19
Total:	220	115	335

Degree Classes	*Men*	*Women*	*Total*
Ist year	3	2	5
IInd year	5	3	8
IIIrd year	3	4	7
IVth year	2	1	3
Total:	13	10	23



Orchestra presented by the College of Indian Music, Dance and Dramatics at the Annual Social Gathering, 17th February, 1954.

4. Staff.

During the year under report the staff consisted of a Principal in the grade of a Reader, 2 Senior Lecturers, 2 Junior Lecturers, 1 Tutor, 22 Ustads (teachers teaching Music, Dance etc.) including Part-time teachers, 4 Class III and 10 Class IV servants.

The following Visiting teachers were invited from the grant of the College for lectures and demonstrations in the subject shown against them :—

	Name	*Subject*
(i)	Shri C. C. Mehta	Dramatics
(ii)	Shrimati Mirabai Badkar	Vocal Music
(iii)	Shrimati Anjali Hora	Dancing—Bharata Natyam
(iv)	Shrimati M. K. Saroja	Dancing—Bharata Natyam

The following experts were also invited to give demonstrations during the year.

Sr. No.	*Name*	*Subject*	*No. of Lectures or Demonstrations*
(i)	Shri Govindrao Baran-purkar	Instrumental Music-Pakhwaj	1
(ii)	Shri Swami Vallabh-dasji	Vocal Music-Different Ragas	1
(iii)	Shri Shayam Sunder	Mimics	1
(iv)	Shri B. C. Deo	Physics of Music	3
(v)	Dr. R. K. Trivedi	Western Music	2
(vi)	Shri Manubhai Rao	Folk Music of Saurashtra	4
(vii)	Shri Jyotindra H. Dave	Rasa	3
(viii)	Shri Rambhai Bakshi	Rasa	3
(ix)	Shrimati Chandrika Pandya	The Development of Dramatics Art	1
(x)	Shri Jayantibhai Dalal	Dahyabhai Dholsaji	2
(xi)	Shri Adi Marzaban	Theatre Going	1
(xii)	Shri Madhukar Randeria	Production and Stage-craft	1
(xiii)	Shri Dhansukhlal Mehta	Amateur Efforts on stage in Dramatics of last thirty years	2

Sr. No.	*Name*	*Subject*	*No. of Lectures or Demonstrations*
(xiv)	Shri Shankerprasad Rawal	Treatise and Criticism of Sanskrit Drama.	2
(xv)	Shri Gajanan V. Joshi	Folk Songs–Bhal Pradesh	2
(xvi)	Shri Madhubhai Patel	Folk Songs–Dakshin Gujarat.	3

Shri Madhubhai Patel and Shri Gajanan Joshi were invited for recording the folk songs of Dakshin Gujarat and Bhal Pradesh collected and arranged by them.

5. Library and Reading Room.

During the year under report, the Library was completely reorganised dividing the books in five separate parts, *viz.* (i) Music, (ii) Dance, (iii) Dramatics, (iv) Reference books and (v) Miscellaneous books, and good number of books regarding Music, Dance and Dramatics was added. All the required furniture for the reading-room was got prepared. The following are the figures showing average daily attendance and circulation of books :—

Particulars	*Number*
1. Average number of students making use of the Library and the Reading Room daily	25
2. Average number of teachers making use of the Library and the Reading Room daily	25
3. Total number of books issued to the students during the year	252
4. Total number of books issued to the teachers during the year	203

The following figures show the stock and the expenditure on the maintenance of the Library and Reading Room during the year 1953 54 :—

Particulars	*Number*	*Cost*
1. Books (including back Numbers of Journals) on 1-7-1953	354	Rs. 2,500-0-0
2. Books written off during the year	—	—
3. Books added during the year	231	Rs. 1,797-4-0
4. Books on 30-6-1954	585	Rs. 4,297-4-0
5. Journals subscribed in 1953-54	18	Rs. 420-11-0
6. Amount spent on binding in 1953-54	—	Rs. 24-0-0
7. Total amount spent for Library and Reading Room during the year	—	Rs. 2,241-15-0

6. Museum, Laboratories etc.

The College has a small museum of ancient instruments of various types. It is also proposed to have a museum of old costumes. A Physics Laboratory has been established to teach the students the principles of sound and a part-time lecturer was appointed for this work. The amount of Rs. 1,500/- was spent on the equipment of the Physics laboratory including the requisite furniture.

7. Publications by the members of the staff.

The following were the publications by the members of the staff during the year 1953-54.

(i) *Articles or Papers :*

Name	*Title*	*Where published*
Shri M. P. Khokar	A Traditional Kerala Dance	Souvenir of VII South Indian Natyakala Conference, December, 1953.
Shri M. P. Khokar	Dances of the Punjab Peasantry	

8. Other Literary and Cultural activities.

(i) Shri Shivkumar Shukla gave a music recital on the 26th December, 1953, in the National programme Series. He also gave a music recital at the Music Conference sponsored by the Sangit Natak Akadami, Delhi.

(ii) Independence day was celebrated by a dramatic performance as stated below :—

1 Peta Bhadut
2 Prashnottari.

(iii) The Bhatkhande Anniversary was celebrated from the 26th September, 1953 to the 2nd October, 1953.

(iv) At the time of the Convocation in the University on the 10th October, 1953, a programme of Dance and Orchestra was given by the staff and the students.

(v) Programmes were also given in Music, Dance and Drama during the University Week celebrations.

9. Co-curricular Activities.

(i) An Annual Day was celebrated on the 17th February, 1954 by the staff and the students.

(ii) General sports and games were held during the February 1954 by the students.

(iii) A dramatic show and a dance programme was given on the 15th December, 1953 by the members of the staff.

(iv) Two entertainment programmes were given in honour of the 28th Session of the Indian Philosophical Congress on the 28th and the 29th December, 1953.

10. Tutorial and Class Work.

As a majority of the subjects were of a 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 where 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 given regularly in Theory subjects and students were given grades which were taken into consideration at the time of the annual test.

11. Other Important Events.

(i) The United Nations party of visiting students under the auspices of U.N.O. visited the College on the 17th July, 1953. In the evening a programme of Nartanotsava was given in their honour by the students and the staff. The same programme was repeated on the 18th July, 1953 for the students.

(ii) A party of German students visited the College on the 9th January, 1954.

(iii) Dr. B. V. Keskar, the Minister of Information and Broadcasting, accompanied by Shri M. Lall, the Director General of All India Radio, visited the College on the 12th January, 1954. A Classical Music programme was arranged at the time.

(iv) Shri Morarji Desai, Chief Minister and Dr. Jivraj Mehta, Minister for Finance, Prohibition and Industries, Bombay State visited the College.

(v) It was decided to start the special classes for the S.S.C. course in Music from the 1st July, 1954 in response to the request of the Headmasters' Association of Baroda.

CHAPTER XIX–BARODA SANSKRIT MAHAVIDYALAYA

1. Buildings and Hostel.

The institution is housed in a rented building called "The Temple of Radhavallabh" which belongs to the Devasthan Department. It has a hostel also housed in a rented building accommodating twenty-five students.

2. Courses of Studies.

This institution offers courses in three stages as under :—

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

1 Nyaya and Vaisheshik Darshan
2 Samkhya Yoga and Vedant Darshan
3 Purva Mimamsa Shastra
4 Vyakaran Shastra
5 Dharma Shastra
6 Jyotish Shastra and
7 Sahitya Shastra.

Of these seven subjects only four, *viz.* Vyakaran, Jyotish, Dharma Shastra and Sahitya Shastra were taught during the year under report.

(b) Madhyama Kaksha or Advanced course of five years' duration leading to the diploma of 'Visharada' in each of the subjects of : (i) Grammar and Literature, (ii) Astrology and Astronomy, (iii) Ayurveda, and (iv) Pali and Hinayana Religion; with English compulsory for all students.

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

The Certificate of 'Upadhyaya' is awarded to the successful candidates of Yajurveda Yagniki and Rigveda Yagniki and that of 'Pauranik' to those of Purana.

3. Number of Students.

The number of students enrolled in the various classes during the year 1953-54 was as under :—

Kaksha and Branch	Number of students — Years												Total.
	I	II	III	IV	V	VI	VII	VIII	IX	X	XI	XII	
Prathama Kaksha :—													
	26	9	5	—	—	—	—	—	—	—	—	—	40
Yajurveda Yagniki	4	2	2	—	—	—	—	—	—	—	—	—	8
Rigveda Yagniki	3	—	—	—	—	—	—	—	—	—	—	—	5
Purana													
Madhyama Kaksha :—													
	—	—	—	9	3	4	3	1	—	—	—	—	20
Grammar	—	—	—	7	1	2	1	—	—	—	—	—	11
Astrology & Astronomy	—	—	—	—	—	—	—	3	—	—	—	—	3
Ayurveda													
Utlama Kaksha :—													
	—	—	—	—	—	—	—	—	1	—	1	2	4
Grammar	—	—	—	—	—	—	—	—	—	—	—	—	1
Astrology & Astronomy	—	—	—	—	—	—	—	—	—	—	—	—	3
Dharma Shastra	—	—	—	—	—	—	—	—	2	2	1	—	10
Sahitya Shastra	—	—	—	—	—	—	—	—	4	—	4	—	
Total..	33	11	9	16	4	6	4	4	7	2	7	2	105

4 Staff.

During the year under report the staff of the Institution consisted of the Principal in the grade of a Senior Lecturer, 12 Adhyapakas, 2 class III and 4 Class IV servants.

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 figures show the stock and the expenditure on the maintenance of the Library and Reading Room during the year 1953-54.

Particulars	*Number*	*Cost*
1. Books in the Library on 1-7-1953	2,733	Rs. 7,839- 8-5
2. Books written off during the year	—	—
3. Books added during the year	58	Rs. 366- 6-0
4. Books on 30-6-1954	2,791	Rs. 8,215-14-5
5. Journals subscribed in 1953-54	4	Rs. 36-13-0
6. Amount spent on binding in 1953-54	—	Rs. 38- 8-0
7. Total amount spent on Library and Reading Room during the year	—	Rs. 441-11-0

6 Publications by the members of the staff.

The following were the publications by the members of the staff during the year 1953-54 :—

(i) *Articles and Papers :*

Sr. No.	*Name*	*Title*	*Where published*
1	Shri Hariprasad C. Mehta	Sankhya as depicted in the Bhagwant Purana	17th Session of the Oriental Conference held at Ahmedabad, October 1953.
2	Shri Hariprasad C. Bhatt	અગમચેતી–રોગપ્રતિબંધક ઉપાય	Ayurveda Vignyan, July, 1953
		પ્રતિમર્શનસ્ય	Ayurveda Vignyan, September, 1953.
		ફટકડી–ઘરઘરનું ઔષધ	Ayurveda Vignyan, February, 1954.
		આરોગ્યને લગતી ઉપયોગી કહેવતો	Ayurveda Vignyan March, 1954.
		અગમચેતી–ચેપી રોગથી બચવા સૂચનો	Ayurveda Vignyan, May, 1954.

7. Other Literary and Cultural Activities.

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

Sr. No.	*Subject*	*Date of the lecture*	*Lecturer*
1.	Sanskriti	1-8-1953	Shri V. B. Prakaskar
2.	Patranirupanam in the Valmiki Ramayan	5-9-1953	Shri M. R. Joshi
3.	Plot and its development in the Valmiki Ramayan	28-11-1953	Shri L. G. Shukla
4.	Valmiki as the first Epic poet	30-1-1954	Shri H. C. Mehta
5.	Valmiki as a Philosopher	27-2-1954	Shri K. C. Shukla

(ii) (a) Shri H. C. Mehta, Principal gave a lecture on 'Pushtimarga' as depicted by Kavi Dayaram in his works, during the Dayaram Shatabdi Mahotsava at Dabhoi and presided over the monthly session of the Vidvatsabha and gave a presidential speech on 'Shri Krishna'.

(b) Some teachers took part in the parliamentary debate in Sanskrit in the Sharadotsava celebrated under the auspices of the Sharadopasak Mandal in the month of October, 1953.

(c) A prize of Rs. 101/- was awarded to Shri H. C. Bhatt, Ayurveda Adhyapak, by Saurashtra Vaidya Sabha, Rajkot for writing the best essay on 'Svasthavritta (Hygiene)'.

8. Co-curricular Activities.

(i) The Institution arranged debates in Sanskrit called "Shastriyavada" and lectures in Sanskrit by students as well as by Adhyapakas on every Friday in the Institution with a view to giving training to the students in the art of elocution in Sanskrit.

(ii) During the year under report, a batch of five students of the Shastri and Acharya courses of the Institution were sent on an educational tour to Nagpur to attend the third session of the Sanskrit Vishva Parishad held on the 24th and the 25th April, 1954.

9. Other Important Events.

(i) Pandit Dixitarji, Joint General Secretary, Sanskrit Vishva Parishad, Bombay, paid a visit to the institution and gave a talk on the various activities of the Sanskrit Vishva Parishad.

(ii) Government of Bombay have under Resolution No. SSN/1352, dated the 18th January, 1954, recognised the Madhyama Kaksha or Visharada examination as equivalent to B.A. and Uttama Kaksha or Alankara examination as equivalent to M.A. for the purpose of appointments of teachers in Government and non-Government Secondary Schools in point of payscales etc.

(iii) A scheme of co-ordination of teaching of Sanskrit in the Faculty of Arts, Oriental Institute and this Institution was evolved and five teachers of this institution were recognised for teaching certain Shastras in Sanskrit at the M.A.

(iv) (a) Sheth Shri Dharamdas Haridas Gandhi supplied books worth Rs. 501/- to the deserving students of the institution free of cost.

(b) Shri Ambalal Hargovindas gave a donation of Rs. 501/- to be spent within three or four years in giving scholarships or books to the students of this institution.

10. Free tuition and scholarships.

No fees are charged for any of the courses conducted in the institution. In addition 21 scholarships of Rs. 10/- p.m. each, 13 of Rs. 12/- p.m. each and 14 of Rs. 15/- p.m. each are awarded to deserving students.

CHAPTER XX—INTERMEDIATE COLLEGE

1. Buildings.

During 1953-54 the College continued holding its classes in the Baroda College building. The Intermediate Arts class occupied a big room on the ground floor of the main building on the Arts side, while the Intermediate Commerce class sat in one of the small rooms on the Commerce side. But the construction of two big halls on the Commerce side of the building relieved, to some extent, the shortage of rooms which the College had been feeling since it shifted from its original place in 1952. The First Year Arts class (one division) and the F. Y. Commerce class were shifted to the new halls. This new arrangement brought all the college classes close together and thus it became possible for the students to have a greater contact with their teachers as well as with their fellow students in other classes.

2. Courses of Studies.

The College offers courses of studies leading to First Year Arts and Inter Arts, First Year Commerce and Inter Commerce examinations. Provision was made for the teaching of Geography for the first time in the First Year Arts class.

The University felt that the standard of English among the students was steadily deteriorating and that the old method of lecturing to big classes on the English texts did not much help the students in improving their English. It was, therefore, decided to try as an experimental measure taking smaller groups of students for the teaching of English in the First Year Arts class. This class was divided for the purposes of teaching of English into four batches of about 45 students each and one teacher was assigned to each batch. The small class enabled the teacher to teach in a less formal manner, to give the students in the class exercises in grammar and composition which could be conveniently corrected. The teacher also helped the students in overcoming their difficulties in the study of English. It is too early as yet to assess the value of this experiment.

3. Number of Students.

The number of students enrolled in the various classes during the year 1953-54 was as under:—

		Men	*Women*	*Total*
1	First Year Arts 'A'	93	26	119
2	First Year Arts 'B'	88	34	122
3	Inter Arts 'A'	83	38	121
4	Inter Arts 'B'	56	26	82
5	First Year Commerce	149	—	149
6	Inter Commerce	113	1	114
	Total:	582	125	707

4. Staff.

The teaching staff is attached to the Faculties of Arts and Commerce. Independent staff for the College consisted of 4 Class III and 10 Class IV servants.

5. Library and Reading Room.

(a) The College library has nearly 5,200 books on different subjects taught in the College as well as on subjects of general interest to the students. The members of the staff recommended to the students books on different subjects. As the students appeared to find it difficult to select books in English for reading, a list of English books according to their forms was placed on the Library notice board for the convenience of the students. New books worth Rs. 2,000/- were purchased for the Library.

(b) The college Library and the Reading Room are both housed in a room near the College office. This room is always crowded with students.

(c) A Reading Room was maintained out of the Union fees collected from the students. The College subscribed a large number of dailies and periodicals in several languages. Nearly two hundred students took advantage of the Reading Room daily. Special arrangements were made for lady students.

(d) The following figures show the stock and the expenditure on the maintenance of the Library and Reading Room during the year 1953-54:—

	Particulars	*Number*	*Cost*
(1)	Books (including back numbers of Journals) on 1-7-1953	1,643	Rs. 8,000/-
(2)	Books written off during the year	—	—
(3)	Books added during the year*	1,019	Rs. 5,600/-

* Includes books transferred from the Faculties of Arts and Commerce,

	Particulars	*Number*	*Cost*
(4)	Books on 30-6-1954	2,662	Rs. 13,600/-
(5)	Journals subscribed during the year	18	Rs. 238/-
(6)	Amount spent on binding during the year	—	Rs. 300/-
(7)	Total amount spent on Library and Reading Room during the year	—	Rs. 1,959/-

6 Co-curricular Activities.

(i) Physical Training :

Physical Training—the A. C. C.—is compulsory for all students of the college. The boy students had their parades in the mornings thrice a week on the Kalabhavan ground which is a central place, while the girl students had their parades in the evenings thrice a week after college hours in the open piece of ground near the Botanical gardens.

(ii) N. C. C.:

The students of the College were encouraged to join the N. C. C. in large numbers and out of nearly 300 students in the N. C. C,, about 40 students were from this College. Several students of the College joined the N. C. C. camp during last summer at Mount Abu where the N. C. C. cadets constructed a pucca road and dug a tank.

(iii) Games :

The students of the college have been taking a keen interest in major games like cricket, foot-ball, hockey, badminton, etc. Eight students from this College belonged to the University Cricket XI. Three of the students of the College represented Baroda in the Ranji Trophy tournament against the Bombay XI. One student from Inter-Commerce represented the University in the Inter-University Badminton Championship. The College was runners-up in the A. R. Wadia Trophy for Inter-Faculty Championship in badminton. One student of Inter Commerce class was champion in both singles and doubles (with another student of the College) in Tennis in the University tournaments. The College Association organised a tournament for the students for indoor games and a large number of boys and girls participated in it.

(iv) Debating Society:

The College Debating Society arranged several debates throughout the year. They were very well attended and a number of boys and girls

took part in them. The anniversaries of the death of Tilak, Tagore and Gandhiji were observed and the students of the College spoke on the life and work of these great men. The students also took part in every debate arranged by the University Union. Two students represented the College at Ahmedabad for the Mahadeo Desai Debating Trophy. This year for the second time the Intermediate College won the M. N. Wadia Trophy during the University Week Inter-Faculty Debating Contest. Three students of the College also participated in the Extempore Debate organised by the Rotary Club of Baroda. When the American Team of debaters visited Baroda one student of Inter Arts class participated in the debate along with four other representative students selected by the University Union.

(v) The Gujarati Sahitya Sangha :

The Sangha was as usual very active throughout the year. It arranged lectures, held story, essay and songs competitions and created a healthy interest in Gujarati literature. It held a condolence meeting on the death of the well-known Gujarati poet, Shri Khabardar and paid its tribute to the famous Gujarati novelist Shri Ramanlal Vasantlal Desai on the completion of sixty years of his life.

(vi) Commerce Society :

The Society arranged lectures by persons well-known in economic and commercial fields. With the purpose of giving to the students an insight into the actual working of a bank, the society arranged a visit to the Baroda Bank where they were taken round all the departments and could see the inner machinery of a big banking organisation. The Society also arranged an essay competition on a commercial subject.

(vii) Geography Association :

As Geography was a subject both at the F.Y. Arts and the Inter Arts examinations the students of Geography formed for the first time an Association of their own. Besides arranging lectures, the Association arranged film shows of geographical interest through the co-operation of the General Education Committee of the University. There were also visits to places like Pavagadh and Shivrajpur mines, as well as to the University Observatory and the Faculty of Technology. The Association also welcomed a batch of senior students of Geography from the Aligarh University who had come for a survey of Baroda.

(viii) Music Circle :

The Music Circle was able this year to enrol as many as one hundred student members. The Circle arranged programmes of various musical items. During the University Week, the girls of the College presented two 'Garbas' during the entertainment programme. The responsibility of providing musical entertainment on the College Day was undertaken by the Circle. The Music Circle successfully presented on the occasion, musical items like orchestra, chorus song, action song etc. in which a large number of boys and girls took part.

(ix) Dramatic Society :

During the Variety Entertainment programme of the students on the College Day, the Dramatic Society was able to present two valuable items. One was an one-act play " Dear Departed " which proved such a success that it was also presented during the University Week. The other item was a short Gujarati play " અવતા બંડેરો " which also was appreciated.

(x) Poor Boys' Library :

During the last four years, the Poor Boys' Library has been doing silent service to the poor students of the College by giving them for their studies, books which these students cannot afford to buy. This year about seventy new books worth about Rs. 300/- were added to the Library.

(xi) The College Magazine :

This year's issue of the College Magazine contained a large number of articles in different languages contributed by the students of the College. The very fact that a very large number of articles and short stories and poems were received shows that the students have a desire to observe life and record their own experiences and feelings. Some of the students were given certain topics by the teachers and they were asked to write on these. The result was that the Magazine could claim some good articles. The Magazine Committee worked hard in collecting advertisements to supplement the grant given by the Association to the Magazine and it was through the advertisement income that the Magazine Committee was able to publish an issue which, if not very rich in pictures and an attractive getup, could claim some good articles by the students.

(xii) Students' Association :

Throughout the year the Association was able to maintain very cordial relations between the teachers and the students and this can be seen

from the fact that a very large number of teachers were most actively associated with the activities of the Association. The members of the Association gave their whole-hearted co-operation to the authorities during the University Week and some of them together with other college students, worked as volunteers during the 28th Session of the Indian Philosophical Congress held in Baroda during Christmas. With the help of the Political Science Society managed by Shri K. S. Desai, the Association was able to organize a series of lectures on Public Administration.

7. Tutorials and Class Work.

The tutorial system worked very satisfactorily during the year. As there was a tendency on the part of students to absent themselves from the terminal examination, it was decided to consider marks obtained by students in different subjects in this examination as the tutorial marks with the result that nearly 90% of students prepared well and appeared for examination. The Tutors set tutorial exercises in consultation with the Teachers, examined them and then called the students in small batches to explain their mistakes and to solve their difficulties, if any. To enable the Tutors to maintain a proper standard, about 10% of the exercises in each tutorial were examined by one of the teachers in the subject.

The records of these tutorial marks were made by the Tutors and submitted to the office at the end of the first and the second terms. Special cards for the entire tutorial record of each student were printed and students were asked to keep the cards with themselves and go to their Tutors or teachers and get the tutorial marks in each subject recorded in the card with the initials of the teacher.

CHAPTER XXI—UNIVERSITY LIBRARY

1 Book Stock.

The total number of books on 30th June, 1953 was 27,930. To this stock were added 1,457 books purchased at the cost of Rs. 12,521-8-3. The University Library acquired 3,833 books of the Professor B. K. Thakore Library. The remaining 437 books were received as gift from different institutions, individuals and the Vice-Chancellor. Thus, the total number of books acquired during the year under report was 5,727.

From the University Library 14 books on Medical Science, which were received from Dr. Jivraj N. Mehta, were transferred to the Faculty of Medicine for their use and reference. 46 books were transferred to the University Office for their use. Two copies of 'Notes on the Administration of Okhamandal' from the lot received from the Huzur Political Office were transferred to the Barkhali Department for their use. The total number of books thus transferred was 62.

The total number of books, therefore, on 30th June, 1954, was 33,595.

2 Periodicals.

133 periodicals were subscribed for the year and 40 periodicals were received as gift. The total number of periodicals, therefore, was 173. The Government of Bombay have given a gift of the 'Bombay Government Gazette' and 'Bombay Legislative Assembly Debates' regularly. The gift periodicals were mainly received from the Vice-Chancellor and from the Universities.

Some 305 back numbers of magazines and periodicals on Medical Science which were received from Dr. Jivraj N. Mehta were transferred to the Faculty of Medicine for their use.

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 during the year	133
(ii)	Total amount spent on periodicals	Rs. 3,961-0-0
(iii)	Total number of books purchased during the year	1,457

(iv)	Total amount spent on books	Rs. 12,521-8-3
(v)	Total amount spent for the purchase of Professor B. K. Thakore's publications	Rs. 2,885-6-3
(vi)	Total amount spent on binding, repairs etc. of books and periodicals	Rs. 627-3-0
(vii)	Total number of books in the Library	33,595

3. Lending Service.

The Library remains open from 8-0 a.m. to 8-0 p.m. on week days; but with a view to giving more reading facilities to research, post-graduate and other students, the Library was kept open even on Sundays and holidays during the examination months. (January to April, 1954).

Under the scheme of Inter-Library Loan the University Library obtained for research students and the members of the teaching staff original manuscripts, rare and out of print books and reports from other institutions and agencies. To render more service to the research scholars and teachers the University Library registered itself as a Corporate member of the British Council, Bombay. The response has been very quick and service spontaneous. The United States Department of Agriculture Library, British Council Library, Banaras Hindu University Library, and the Bombay University Library loaned even rare material quite freely and willingly.

4 Professor B. K. Thakore Research Section.

The Syndicate at their meeting held on the 21st November, 1953, resolved to acquire the whole of Professor B. K. Thakore's Library and published and unpublished books. The Library is a rich collection of the books of late Professor B. K. Thakore, an eminent Gujarati critic, poet and teacher. Shrimati Hansa Mehta, Vice-Chancellor, performed the opening ceremony of 'Professor B. K. Thakore Research Section' in the University Library on the 28th March, 1954. The Section is housed in a special room where full study facilities are provided for scholars and research students. The collection consists of English, Gujarati, Marathi, Hindi and Bengali books often with remarks and notes by the learned Professor, and on a variety of subjects including Literature, History, Philosophy, Religion, Sociology etc. His own works are about fifteen and all rights, including copyright, are acquired by the University.

5 Statistics of Readers and Circulation.

The number of readers registered during the year belonged to the following categories as under :—

1	Research students	10
2	Post-graduate students	83
3	Under-graduate students	1,058
4	University teachers	81
5	Others	85
	Total	1,317

The visits of readers to the Reading-room according to categories were as under :—

1	Research students	170
2	Post-graduate students	685
3	Under-graduate students	1,048
4	University teachers	245
5	Others	15
	Total	2,163

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

1	Average number of readers visiting the Periodical Section per day	51
2	Average number of books issued per day	50
3	Total number of books issued during the year	11,821
4	Total number of readers enrolled	1,317
5	Those reading on premises during the year	2,163

6. Purchase of new equipment.

During the year under report following equipment was added to the University Library :

1 Gestetner Duplicator, Electrically operated—160 T Model.

2 One moving double faced Library Book Rack for reference section.

3 "Visualizer" for periodicals. This keeps an up-to-date record of periodical receipts and information of publishers, source, subscription, back numbers, expiry date etc.

4 Two grip fast loose leaf thong binders for keeping the loose accession sheets under complete safety and care and in proper order.

5 Guide cards with metal window tabs for the catalogues.

6 Suspension folders and frames for the old filing cabinet, thus making suspension filing system possible.

7 Spraying equipment—Stirrup pump with double nozzle lance with trigger attachment for effective spraying of insecticides for the control of white ants.

7. Other Important Events.

(1) Dr. C. P. Shukla, the permanent Assistant Librarian, on leave for further studies received the degree of Ph.D. in Library Science from the University of Michigan. He was allowed to work as a Principal Cataloguer, Reference Department, Orientalia Division, Library of Congress, Washington, (U. S. A.) for a period of one year.

(2) Back numbers of "Indian Philosophical Review" and "Indian Journal of Sociology" were distributed as gift to the members of the 28th Session of All India Philosophical Congress, when it met in Baroda in December 1953.

CHAPTER XXII—MAHARAJA SAYAJIRAO UNIVERSITY UNION

1 Executive Committee.

When the academic year 1953-54 opened Shri V. Y. Kantak continued as the President of the Union and Shrimati Indiraben Bhanot as the Treasurer.

As required by the constitution of the Union, elections were held in July 1953 and the following Executive Committee was formed :—

1 Shri V. Y. Kantak, President
2 Shrimati Indiraben Bhanot, Treasurer
3 Shri B. J. Vasoya, Vice-President
4 Shri Sudhakar H. Gupta, General Secretary
5 Shri M. B. Desai, Joint Secretary
6 Kumari Lalita Gaekwad, Secretary, Reading Room and Library
7 Shri C. D. Sharangpani, Secretary, Indoor Games
8 Shri R. P. Contractor, Secretary, Debating Society
9 Shri K. C. Parikh, Representative, Faculty of Arts
10 Shri T. B. Patel, Representative, Faculty of Science
11 Shri P. M. Adalja, Representative, Faculty of Science
12 Shri P. J. Surti, Representative, Faculty of Education and Psychology
13 Shri A. L. Bhatta, Representative, Faculty of Commerce
14 Shri N. N. Shah, Representative, Faculty of Medicine
15 Shri M. C. Gulabiwala, Representative, Faculty of Technology
16 Shri V. M. Thomre, Representative, Faculty of Technology
17 Shri N. S. Patel, Representative, Faculty of Fine Arts
18 Shri J. P. Shah, Representative, Faculty of Social Work
19 Shri B. B. Mehta, Representative, Intermediate College
20 Shri Bhailalbhai Contractor, Member, nominated by the Patron
21 Dr. Thakorbhai V. Patel, Member, nominated by the Patron
22 Kumari S. R. Trivedi, Member, nominated by the Patron
23 Kumari Sybil J. David, Member, nominated by the Patron.

As required by Ordinance 1 and Ordinance 9 of the University the following members were deputed to the University Board of Sports and Students' Welfare Board :—

(*a*) *University Board of Sports :*
1 Shri C. D. Sharangpani
2 Shri P. M. Adalja

(*b*) *Students' Welfare Board :*
1 Shri Sudhakar H. Gupta
2 Shri B. J. Vasoya
3 Shri K. C. Parikh

The Maharaja Sayajirao University Union Executive Committee formed the following Committees for various Union activities keeping in view the aims and objects as laid down in the constitution of the Union :—

1 Reading Room and Library Committee
2 Indoor Games Committee
3 Debating Society
4 Public Lectures and National Day Celebrations Committee
5 Variety Entertainments Committee
6 U. N. Society
7 Bulletin Committee
8 Social Service League
9 Co-operative Stores Committee
10 Film Club
11 Hiking Club
12 Poor Boys' Library
13 Discussion Group.

As required under Ordinance 78 the total number of the meetings of the Executive held during the year was ten. There was one meeting of the General Body held in the first term to approve the budget for the year 1953-54 and to consider modification of the Ordinances of the Union constitution. There were two meetings of the General Body held in the second term.

2. Sub-Committees and Their Activities.

1. Reading Room and Library Committee :

The Committee realised that the matter that is read by students necessarily has a permanent effect on their outlook on life in addition to the knowledge and information they acquire. Taking this into consideration the Committee made a rigorous selection of periodicals and newspapers to be provided in the Reading Room. During the year the Union subscribed for 6 newspapers and 50 magazines and periodicals.

The Union Library provides general literature suited to cultivate taste, stimulate inquiry and develop general knowledge and information of the students in various fields. The Committee has tried to collect books on Arts, Science and Literature written in simple language. The Committee added about 200 new books to the Library.

With a view to preserving the old issues of many important magazines the Committee arranged to get the old issues bound in leather and cloth. 78 such volumes have now become a permanent asset of the Library.

Magazines like the Illustrated Weekly and Dharmayug have pages of pictorial beauty. A Picture Album containing a selection of such pictures has been prepared. Another new feature was the preparation of a book containing cuttings supplying important information on various themes including sports.

2. *Indoor Games Committee*:

The Committee arranged the University tournaments for carrom, ring-tennis, chess, draughts, bridge, badminton and table-tennis. There was a great increase in the number of students—boys and girls—taking interest in all the games and particularly in table-tennis. Shrimati Perin Wadia of Baroda donated a trophy for table-tennis. The prize distribution took place at the hands of the well-known cricketeer Captain V. S. Hazare.

The University Union sent its team for the Inter-University tournament in badminton. Though the team lost the championship they secured victory over the Karnatak University.

3. *Debating Society*:

The following debates were arranaged during the year by the Committee:

(1) An extempore debate was held to select a student to be sent to New Delhi to represent the University for the selection of an All India Debating team to visit the United States of America.

(2) The M. N. Wadia Trophy debate (Inter-Faculty debate) was held during the University Week celebrations as part of its programmes. Seven Faculties took part. The trophy was won by the Intermediate College.

(3) The most important debate of the year was between the Maharaja Sayajirao University Debating team and the United States Debating team. A trial debate was also held to select the team to represent our University. It was well attended by the students and the members of the staff.

4. *Public Lectures and National Day Celebrations Committee*:

The following celebrations and public lectures were arranged by the Committee during the year:—

Sr. No.	*Date*	*Fixture*	*Chairman*
1	17-7-1953	Talk with the World University Student Delegates	Shri V. Y. Kantak
2	1-8-1953	Lokmanya Tilak Anniversary *Speakers:* Shri S. M. Parikh Shri N. G. Patel Shri P. J. Desai Shri A. B. Chauhan	Shri V. Y. Kantak
3	1-8-1953	Condolence meeting to mourn the death of Shri Ardeshar Framjee Khabardar, the well-known poet of Gujarat. *Speaker:* Shri Suresh Joshi	Shri V. Y. Kantak
4	7-8-1953	Tagore Anniversary Day *Speakers:* Shri Kishansinh Chavda Shri Suresh Joshi *Songs by the following students:* Kumari Pratibha Pandit Kumari Vasu Nadkarni Shri Ramesh Babu	Shri G. B. Pandya
5	13-8-1953	Shri Kedarnathji "Vyavaharshuddhi and Students"	Professor B. J. Sandesara
6	14-8-1953	Shri Ravishanker Maharaj "Chin nu Mahru Darshan" Shri Babalbhai Mehta "Vinoba no Sandesh"	Shri G. B. Pandya Shri G. B. Pandya
7	15-8-1953	Independence Day	—
8	1-9-1953	Shri Jyotindra Dave "Jivan ma Hasya"	Professor B. J. Sandesara

Sr. No.	Date	Fixture	Chairman
9	1-10-1953	Dr. Lankasunderam, M. P. " Parliamentary Democracy in India "	Shri G. B. Pandya
10	2-10-1953	Mahatma Gandhi Jayanti	Shri V. Y. Kantak
11	11-1-1954	Shri G. P. Krishnarao Research Scholar of Tata Institute of Social Sciences, Bombay. Discussion on " Discipline of Students in Indian Universities "	Shri V. Y. Kantak
12	23-1-1954	Dr. Peter Manniche " Scandinavian Rural Problems. "	Shri H. C. Malkani
13	26-1-1954	Republic Day 1. Unfurling of the National Flag by His Highness Maharaja Fatehsinh Gaekwad, Chancellor, Maharaja Sayajirao University of Baroda 2, Festival Cricket Match (Mixed staff and students) 3. Participation in and preparation of a University Float for the Pageant organised by the Procession Committee. Baroda 4. Boat Race on Sursagar 5. Film-Show	
14	30-1-1954	Mahatma Gandhi Anniversary Day *Speakers* : Shri Kishansinh Chavda Bhajans by the students of the Music College.	Professor B. J. Sandesara
15	3-2-1954	Professor N. G. Ranga, M. P. " Pak-American Military Pact. "	Professor V. Y. Kolhatkar
16	7-2-1954	Talk with the U.S.A. Debating team	Dr. C. S. Patel, Pro-Vice-Chancellor
17	11-2-1954	Shri A. D. Gorwala, " The Indian Perspective. "	Professor V. Y. Kolhatkar

Sr. No.	Date	Fixture	Chairman
18	19-2-1954	Shri Rohit Mehta " The Conflicts of our Age. "	Professor V. Y. Kolhatkar
19	24-2-1954	Mr. Cliford Fee, I.L.O. expert, " Supervision and Management. "	Shri V. Y. Kantak

5. *Variety Entertainment Committee* :

(1) A programme of magic tricks by Shri Satya Prakash Thanawala was held on the 17th September, 1953.

(2) Mahatma Gandhi Jayanti was celebrated on Thursday, the 2nd October, 1953.

(3) Shri Ram Rao gave a dramatic recital of the English Play " Eklavya " written by Shri T. P. Kailasam, the renowned dramatist of Karnatak on the 12th December, 1953.

(4) Fancy Dress and Song Competition were held on the 21st December, 1953.

6. *U. N. Society* :

The U. N. Society is working with a view to propagate the aims and ideals of the United Nations Organisation and its allied agencies and to foster among students a spirit of world fellowship and human brotherhood and to create public opinion in favour of international co-operation and peaceful settlements of world disputes.

The Committee arranged a talk by Professor M. Venkatrangaiya on " Recent Trends in World Affairs.

The 8th Anniversary of the United Nations was celebrated under the Chairmanship of Dr. C. S. Patel, the Pro-Vice-Chancellor. The ' Human Rights Day ' was celebrated on the 16th November, 1954. On these occasions film shows relating to the work of United Nations were arranged.

7. *Bulletin Committee* :

This year the General Body meeting of the Union decided to stop publication of the Magazines and to continue the Bulletin. Accordingly the year's issue of the Bulletin was brought in the month of March, 1954, by this Committee.

8 Social Service League :

This year the Committee continued programme instituted last year and in addition carried out the following activities :

(1) Godawari Flood Relief Fund—Total amount collected Rs. 522-10-0 was sent to the President, Flood Relief Committee, Amalpuram.

(2) The Committee arranged to supply old issues of interesting magazines, picture journals etc. to the patients of the Shri Sayaji General Hospital, the Jamnabai Hospital and the T. B. Sanatorium, Baroda.

(3) A large number of magazines, periodicals, books were collected as free gifts from the public, British Information Services, and United States Information Services etc. for the above purpose. The League has received 400 magazines for the above purpose.

(4) T. B. Seals worth Rs. 72-12-0 were sold and the amount was sent to the Secretary, T. B. Association of Baroda.

(5) In response to a request from the Rotary Club, Baroda the Committee organised recreational and other facilities for the residents of Navi Dharati.

(6) The Committee made a beginning towards the preparation of a Directory giving information about foreign scholarships.

9 Co-operative Stores Committee :

The Maharaja Sayajirao University Union Co-operative Stores Ltd., continued to function but the general turnover was unsatisfactory. Steps were being taken to bring about a desirable increase in its activity in the coming year.

10. Film-Club :

Judging by the size of the audience at each show this activity proved to be very popular. The following films were shown during the year :

Sr.No.	*Name of the film*	*Date*	*Source*
1	(1) River in Harness (2) Power of to-morrow (3) Planned Parenthood (4) Vital Link (5) Voice of India (6) Holy Himalayas (7) Railway Centenary Exhibition	16-7-1953	Film Division, Government of India

Sr.No.	*Name of the film*	*Date*	*Source*
2	David Copperfield	3-8-1953	Metro Goldwyn Mayor
3	Tokyo Joe	22-9-1953	Columbia
4	All the Kings Men	28-9-1953	Columbia
5	(1) U. N. General Assembly (2) This is New York (3) Planning for Plenty (4) Irrigation farming (5) Hudson River (6) Hurricane Circuit	10-10-1953	United States Information Services
6	(1) The Fire Man (2) White House (3) We Go Cowboy (4) Achievements in the Air (5) Foot Ball (6) Key to Progress (7) Capital City	26-1-1954	United States and British Information Services, Bombay
7	Good Earth	10-2-1954	Metro Goldwyn Mayor

11 Poor Boys' Library :

In the first Executive Committee meeting of the Union it was decided to set up a separate Committee to look after the Poor Boys' Library of the Union.

On the 15th August, 1953 collections were made from the students and the citizens of Baroda in aid of this Library. The Vice-Chancellor graciously helped by issuing a statement asking for donations.

The above Committee has done all it can to make available costly books to students who cannot afford to buy them. The number of students taking advantage of these facilities was 110. Books worth Rs. 900/- were added to the Library during the year under report.

12. Discussion Group :

The Discussion Group has not made much progress but the indications are that in a year or two the idea will take root and the Union, it is hoped, would persist in its efforts in these directions.

3. New Equipment etc.

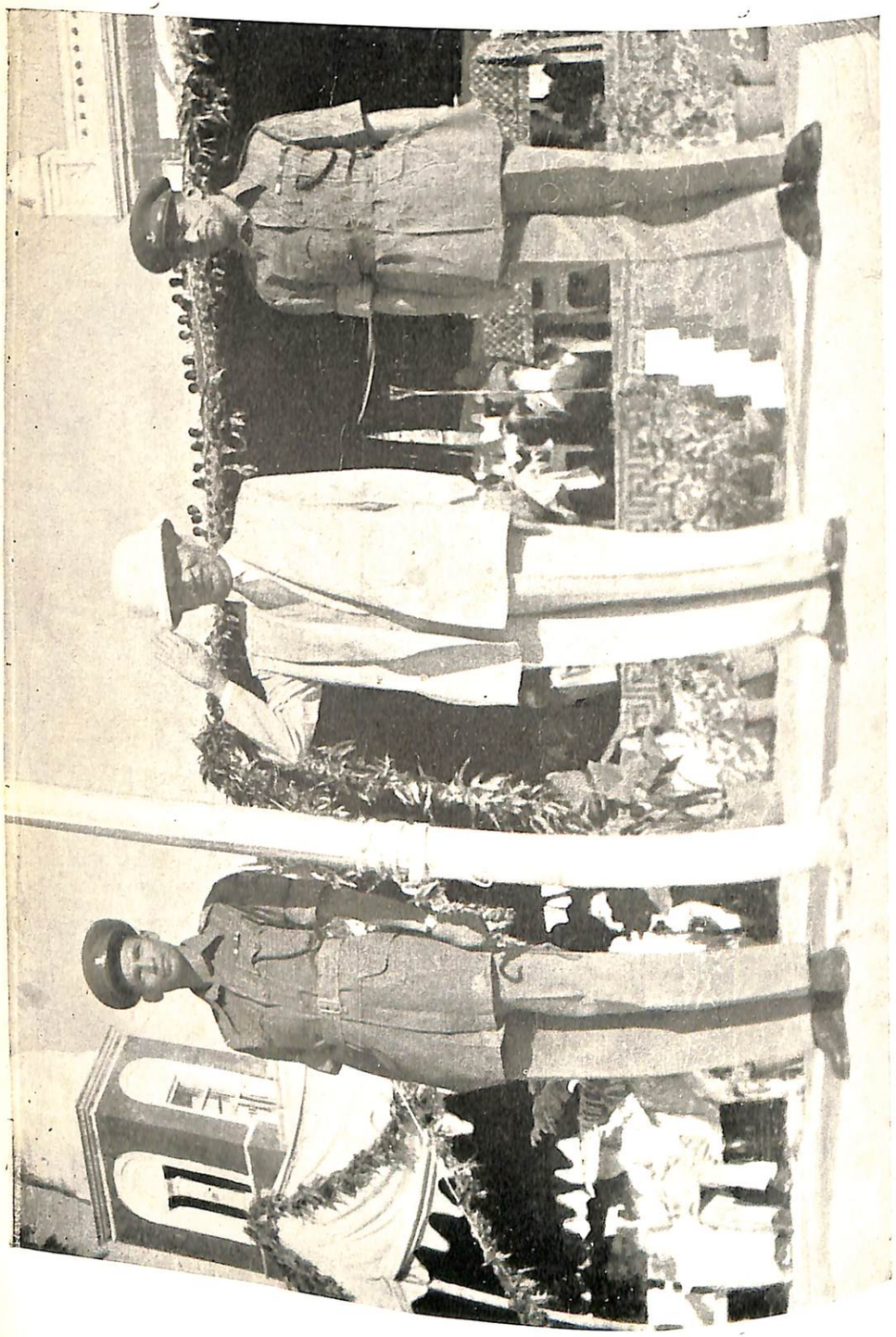
(1) A Radio set was presented by the University to the Union for the use of the students. This was a much needed amenity which is bound to increase the usefulness of the Union.

(2) A plastercast replica of the University Emblem—The full blown lotus with the flame and the motto—was prepared on the occasion of the Republic Day. This is now a permanent acquisition and shall adorn the Union premises.

(3) During the year under report arrangements were completed for the purchase of 700 specially prepared steel folding chairs to furnish the Baroda College Central Hall.

4. General Remarks.

On the whole, the number of boys and girls attending the Union has shown an upward trend. There has been a proportionate increase in the number and variety of activities carried out by the Union.



H. E. Shri Girja Shankar Bajpai, Governor of Bombay taking the salute at the N.C.C. and A.C.C. parade, 29th November, 1953.

CHAPTER XXIII—VISITS, LECTURES AND DEPUTATIONS

1. Visits.

The following distinguished persons visited the University during the year :—

1. Dr. S. S. Bhatnagar, Secretary to the Government of India, Ministry of Education, Natural Resources and Scientific Research, New Delhi was invited to address the graduates at the third Annual Convocation of the University held on the 10th October, 1953. He delivered an instructive and interesting address to the graduates. He also visited the Faculties of Science, Technology (including Engineering), Fine Arts, Home Science and Social Work.

2. His Excellency the Governor of Bombay, Shri Girjashanker Bajpai inaugurated the University Week which was held from the 29th November, 1953 to the 5th December, 1953. He arrived in Baroda on the morning of the 29th November, 1953 and left on the 30th November, 1953. He also visited the Faculties of Technology (including Engineering), Fine Arts and Home Science, Oriental Institute, the Baroda Museum and Picture Gallery.

3. Dr. Jivraj N. Mehta, Minister for Finance, Prohibition and Industries, Government of Bombay performed the ceremony of laying the foundation stone of the new Hall of Residence on the morning of the 4th December, 1953.

4. The following members of the Committee appointed by the Government of Bombay to report on the co-ordination of research in different Universities in the State of Bombay visited the Faculties and Institutions of the University from the 11th to the 15th March, 1954 :—

1. Shri N. L. Ahmed, Principal, Elphinstone College, Bombay—Chairman
2. Shri J. A. Taraporevala, Director of Technical Education, Bombay State, Bombay.
3. Professor S. V. C. Aiya, Professor of Tele-Communication Engineering, College of Engineering, Poona,
4. Shri N. R. Trivedi, Member-Secretary, Deputy Director of Education, Bombay State, Poona.

They discussed the University plan for the development of the Faculties and Institutions with a Committee appointed by the University under the Chairmanship of the Pro-Vice-Chancellor. Later, the Committee met the Deans of the Faculties. The Committee also visited the Atladra Rural Welfare Centre run by the Faculty of Social Work.

2. University extension and other lectures.

(i) The following lectures were delivered under the auspices of the University during the period under report :—

Sr. No.	*Date of the lecture*	*Name of the Lecturer*	*Subject*
1.	27th August, 1953	Shri K. G. Saiyadain	Need for a Literal Education
2.	20th September, 1953	Shri R. G. Gyani	Life during the Mughal times
3.	(i) 1st December, 1953 (ii) 2nd December, 1953	Dr. H. N. Sinha	Democracy and India
4.	(i) 12th December, 1953 (ii) 14th December, 1953 (iii) 15th December, 1953 (iv) 16th December, 1953 (v) 16th December, 1953	Dr. Parmatma Saran	Medieval Architecture
5.	5th January, 1954	Shrimati Chandrika Pandya	The Development of Dramatic Art
6.	6th January, 1954	Shri Madhukar Randeria	Production and stage-craft
7.	(i) 7th January, 1954 (ii) 8th January, 1954	Shri Jayantibhai Dalal	Dahyabhai Dholsaji
8.	(i) 11th January, 1954	Dr. R. C. Shah	Substitution in Resorcinol Nucleus (Two Lectures)
	(ii) 12th January, 1954	Dr. R. C. Shah	Chemistry of Coumarins
	(iii) 12th January, 1954	Dr. R. C. Shah	Imidochlorides
	(iv) 13th January, 1954	Dr. R. C. Shah	Some reactions of Chlorosulphonic Acid
	(v) 13th January, 1954	Dr. R. C. Shah	National Chemical Laboratory of India and its work

Sr. No.	*Date of the lecture*	*Name of the Lecturer*	*Subject*
9.	16th January, 1954	Shri Adi Marzban	Theatre Going
10.	(i) 28th January, 1954	Shri Manubhai Rao	The traditional form of Doha, Sortha, Kavit, Chopai etc.
	(ii) 29th January, 1954	Shri Manubhai Rao	The presentation of the Chhando (Charni) folk songs
	(iii) 1st February, 1954	Shri Manubhai Rao	Folk songs of Saurashtra and Panchmahals (Bhils)
	(iv) 2nd February, 1954	Shri Manubhai Rao	Gujarati Bhajan Sahitya
11.	(i) 8th February, 1954 9th February, 1954	Shri Dhansukhlal Mehta	Amateur Efforts on stage in Dramatics of the last thirty years
12.	(i) 8th February, 1954	Shri A. D. Gorwala	Introduction
	(ii) 8th February, 1954	Shri A. D. Gorwala	Social Progress
	(iii) 9th February, 1954	Shri A. D. Gorwala	Industrial Progress
	(iv) 9th February, 1954	Shri A. D. Gorwala	Agricultural Progress
	(v) 10th February, 1954	Shri A. D. Gorwala	Political Progress
	(vi) 11th February, 1954	Shri A. D. Gorwala	Industrial Progress (and the lines of least resistance with special reference to Indian conditions.)
13.	(i) 10th February, 1954	Shri Shankerprasad Raval	Treatise and Criticism of Sanskrit Drama
	(ii) 11th February, 1954	Shri Ravishanker M. Raval	Western Indian Arts
14.	25th February, 1954	Shri B. Chaitanya Deo	Psychological Dimensions of Sound
15.	(i) 25th February, 1954	Shri B. Chaitanya Deo	Melodic Integration and the function of the Drone classification of Ragas
	(ii) 26th February, 1954		
	(iii) 27th February, 1954		
16.	(i) 27th February, 1954	Shri R. C. Parikh	Indian Arts
	(ii) 28th February, 1954	Shri M. R. Acharekar	Portrait Painting
17.	(i) 4th March, 1954 (ii) 5th March, 1954		

Sr. No.	Date of the lecture	Name of the Lecturer	Subject
18.	17th March, 1954	Mr. Alfred S. Schenkman	Universities Round the World
19.	(i) 28th June, 1954	Dr. (Miss) J. Jhirad	Aims of Obstetric Practice
	(ii) 29th June, 1954	Dr. (Miss) J. Jhirad	Maternal Mortality
	(iii) 30th June, 1954	Dr. (Miss) J. Jhirad	Foetal and Neo-Natal Mortality
	(iv) 1st July, 1954	Dr. (Miss) J. Jhirad	Trends in Gynæcological Work

(ii) Under the auspices of the Sayajirao Gaekwad Honorarium Lecture Series, Dr. R C. Majumdar, M.A., PH D., delivered a course of five lectures as under :—

S. No.	Date	Subject
1.	1st December, 1953	The background of Hindu colonisation in South-east Asia.
2.	2nd December, 1953	The first phase of Hindu colonisation in South-east Asia.
3.	3rd December, 1953	Hindu Empires in South-east Asia.
4.	4th December, 1953	Hindu Culture in South-east Asia.
5.	5th December, 1953	Hindu Art in South-east Asia.

(iii) Under the auspices of the Maharaja Sayajirao III Golden Jubilee Memorial Lecture Series, Dr. V. B. Gokhale, D.O., F.R.C.S., M.R.C., O.G., Consulting Surgeon, Sassoon Hospitals, Poona delivered a course of three lectures as under :—

Sr. No.	Date	Subject
1.	8th March, 1954	Science and Philosophy of Human Evolution —જીવોત્ક્રાન્તિ—Modern and Ancient.
2.	9th March, 1954	The Normal Natural Span of Human Bodily Existence, His Longevity—દીર્ઘાયુ
3.	10th March, 1954	Integral Health—Fitness, સર્વાંગ-સમ્પૂર્ણ-સમ્યક્ આરોગ્ય with 'Donts' and 'Does' નિષેધ and વિધિ.

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.	Shri S. S. Merh, Faculty of Technology (including Engineering)	Symposium on Mineral Raw Materials in India and utilization of their products, at New Delhi on the 9th October, 1953.
2.	Shri B. P. Kothari, Faculty of Arts	7th Session of the Gujarati Adhyapak Sangh held at Rajkot from the 13th October, 1953 to the 15th October, 1953.
3.	Shri H. C. Bhatt, Sanskrit Mahavidyalaya	13th Session of the Maha Gujarat Vaidya Sammelan at Lodra, Taluka Vijapur from the 20th October, 1953 to the 23rd October, 1953.
4.	Professor B. J. Sandesara, Faculty of Arts	17th Session of the All India Oriental Conference at Ahmedabad on the 30th and the 31st October, 1953.
5.	Dr. S. S. Bhave, Faculty of Arts	17th Session of the All India Oriental Conference at Ahmedabad on the 30th and the 31st October, 1953.
6.	Dr. B. Subbarao, Faculty of Arts	17th Session of the All India Oriental Conference at Ahmedabad on the 30th and the 31st October, 1953.
7.	Shri G. H. Bhatt, Director, Oriental Institute	17th Session of the All India Oriental Conference at Ahmedabad on the 30th and the 31st October, 1953.
8.	Shri H. C. Mehta, Principal, Sanskrit Mahavidyalaya	17th Session of the All India Oriental Conference at Ahmedabad on the 30th and the 31st October, 1953.
9.	Dr. M. R. Majmudar, General Editor, Chronology of Gujarat, Oriental Institute	17th Session of the All India Oriental Conference at Ahmedabad on the 30th and the 31st October, 1953.

10.	Shri S. V. Deshpande, Faculty of Arts	36th Session of the Maharashtra Sahitya Sammelan at Ahmedabad on the 31st October, the 1st and the 2nd November, 1953.
11.	Dr. S. M. Sen, Faculty of Technology (including Engineering)	Indian Telegraph Centenary at New Delhi from the 1st November, 1953 to the 4th November, 1953.
12.	Shri V. B. Cholkar, Faculty of Science	19th Annual Conference of the Indian Mathematical Society at Delhi on the 24th, the 25th and the 26th December, 1953.
13.	Dr. (Kumari) P. Vakharia, Dean, Faculty of Social Work	Annual Session of Indian Conference of Social Work at Hyderabad from the 26th December to the 31st December, 1953 (both days inclusive).
14.	Dr. D. V. Gogate, Faculty of Science	19th Annual Meeting of the Indian Academy of Sciences at Ahmedabad from the 27th to the 30th December, 1953.
15.	Shri S. C. Parikh, Faculty of Education and Psychology	All India Educational Conference and All India Adult Education Conference at Calcutta from the 27th to the 31st December, 1953.
16.	Shri K. S. Yagnik, Faculty of Education and Psychology	All India Educational Conference and All India Adult Education Conference at Calcutta from the 27th to the 31st December, 1953.
17.	Shri H. C. Malkani, Faculty of Arts	Indian Economic Conference at Jaipur on the 28th, the 29th and the 30th December, 1953.
18.	Shri D. M. Patel, Faculty of Arts	28th Session of the Indian Philosophical Congress at Baroda on the 28th, the 29th and the 30th December, 1953.
19.	Dr. A. G. Javadekar, Faculty of Arts	28th Session of the Indian Philosophical Congress at Baroda on the 28th, the 29th and the 30th December, 1953.

20.	Dr. S. C. Misra, Faculty of Arts	16th Session of the Indian History Congress at Waltair on the 29th, the 30th and the 31st December, 1953.
21.	Dr. M. R. Majmudar, General Editor, Chronology of Gujarat, Oriental Institute	16th Session of the Indian History Congress at Waltair on the 29th, the 30th and the 31st December, 1953.
22.	Shri K. S. Desai, Faculty of Arts	Indian Political Conference at Saugar in the last week of December, 1953.
23.	Dr. S. B. Mahabal, Faculty of Commerce	14th Annual Conference of Indian Society of Agricultural Economics at Jaipur in last week of December, 1953.
24.	Dr. B. Subbarao, Faculty of Arts	41st Session of the Indian Science Congress at Hyderabad from the 2nd to the 8th January, 1954.
25.	Dr. S. M. Sethna, Faculty of Science	41st Session of the Indian Science Congress at Hyderabad from the 2nd to the 8th January, 1954.
26.	Dr. D. V. Gogate, Faculty of Science	41st Session of the Indian Science Congress at Hyderabad from the 2nd to the 8th January, 1954.
27.	Dr. N. M. Bhatt, Faculty of Science	41st Session of the Indian Science Congress at Hyderabad from the 2nd to the 8th January, 1954.
28.	Shrimati V. A. Janaki, Faculty of Science	41st Session of the Indian Science Congress at Hyderabad from the 2nd to the 8th January, 1954.
29.	Shri L. J. Bhatt, Faculty of Education and Psychology	41st Session of the Indian Science Congress at Hyderabad from the 2nd to the 8th January, 1954.
30.	Shrimati P. Phatak, Faculty of Education and Psychology	41st Session of the Indian Science Congress at Hyderabad from the 2nd to the 8th January, 1954.
31.	Shri S. S. Merh, Faculty of Technology (including Engineering)	41st Session of the Indian Science Congress at Hyderabad from the 2nd to the 8th January, 1954.
32.	Dr. J. D. Pathak, Faculty of Medicine	41st Session of the Indian Science Congress at Hyderabad from the 2nd to the 8th January, 1954.

33.	Dr. G. K. Karandikar, Faculty of Medicine	41st Session of the Indian Science Congress at Hyderabad from the 2nd to the 8th January, 1954.
34.	Dr. (Shrimati) R. P. Devadas, Faculty of Home Science	41st Session of the Indian Science Congress at Hyderabad from the 2nd to the 8th January, 1954.
35.	Kumari I. D. Malani, Faculty of Social Work	2nd All India Conference of Labour and Labour Officers at Madras from the 11th to the 14th February, 1954.
36.	Professor B. J. Sandesara, Faculty of Arts	3rd All India Writers' Conference at Annamalainagar from the 16th to the 18th April, 1954.
37.	Shri L. B. Shastri, Faculty of Fine Arts	3rd Session of the Sanskrit Vishva Parishad at Nagpur on the 24th and the 25th April, 1954.
38.	Professor D. Subbarao, Faculty of Technology (including Engineering)	13th Annual General Conference of the Association of Principals of Technical Institutions (India) and All India Exhibition of Technical Institutions sponsored by the Association at Delhi from the 11th to the 14th May, 1954.

CHAPTER XXIV—STUDENTS' WELFARE ACTIVITIES

1. University Halls of Residence.

(a) Buildings:

The University, since its inception, has been striving to increase and improve the residential accommodation for its students. During the past five years three new halls—two for 260 men students and one for 160 women students have been constructed at a total cost of Rs. 19.35 lacs. The Government of Bombay and Sir Sayajirao Diamond Jubilee and Memorial Trust gave the University a grant of Rs. 3 lakhs each for the construction of a fourth hall to accommodate 130 men students. The work was taken up and at the end of the year the ground floor was completed. An additional building in the city to accommodate 30 students was also hired during the second term to meet the increasing demand, but it was utilised to provide accommodation to secondary school teachers admitted to the Workshop on Secondary Education Course conducted at the University.

(b) Number of students in the Halls:

The total number of students in the halls at the end of the year was 504 against 475 last year as shown in the following statement:—

	Faculty or College	*Shri Manubhai Mehta Hall*	*Maharshi Arvind Hall*	*Shri Dadabhai Naoroji Hall*	*Salatwada Hostel*	*Bungalow No. 1*	*Shrimati Sarojini Devi Hall*	*Total*
1	Arts	9	6	4	—	—	5	24
2	Science	44	40	25	—	—	7	116
3	Education and Psychology	20	20	6	—	—	13	59
4	Commerce	9	2	1	—	—	—	12
5	Medicine	21	13	5	—	—	8	47
6	Technology (including Engineering)	8	19	5	51	38	1	122
7	Fine Arts	3	3	—	—	—	—	6
8	Home Science	—	—	—	—	—	44	44
9	Social Work	3	12	—	—	—	—	15
10	Intermediate College	13	15	17	—	—	12	57
11	Music College	—	—	—	—	—	2	2
	Total:	130	130	63	51	38	92	504

(*c*) *Administration*:

Administration of the halls was carried by the Syndicate on the advice of the Hostel Supervisory Council and the Wardens' Committee. One of the Wardens continued to work as Convener of the Wardens' Committee. Duties and responsibilities of the Wardens as well as rules for the halls were laid down. These are framed so as to provide maximum opportunities to the students to manage their own affairs and develop 'esprit-de-corpes.' The management of the messes, library and reading-room and sports room is being done by the students. The students of Shri Dadabhai Naoroji Hall prepared a garden in the inside quadrangle of the building. In this hall an experiment was made in training students to run the administration with the minimum help from the Warden and it has proved a success. The University spent an amount of Rs. 98,691/- on the recurring expenses of the halls during the year under report as against Rs. 76,697/- in the previous year.

(*d*) *Recreation and other amenities*:

All the halls have been provided with well-equipped reading-rooms and common rooms. They have small libraries also. The library of Shri Manubhai Mehta Hall received a gift of 4 volumes from the Vice-Chancellor and that of Maharshi Arvind Hall 45 volumes from U. S. Information Services. The University has appointed two honorary Medical Officers—one for men's halls and the other for the women's hall. These Medical Officers visit each hall twice a week and give free medical advice to the students. Arrangement is also made to dispense ordinary medicines to the students on a nominal charge. The 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:—

1 'Brains Trust' in Shri Manubhai Mehta Hall on the 12th July, 1953.

2 Musical Concert in Maharshi Arvinda Hall on the 18th July, 1953.

3 Freshers' Party; Informal talk by Dr. (Shrimati) R. P. Devadas, Dean, Faculty of Home Science followed by light music in Shri Manubhai Mehta Hall on the 25th July, 1953.

4 Educational Film Show in Shri Manubhai Mehta Hall on the 1st August, 1953.

5 Talks by Shri Ravishanker Maharaj and Shri Babalbhai Mehta in Shri Manubhai Mehta Hall on the 13th August, 1953.

6 Magic Show by Shri Satyaprakash Thanawala in Shri Manubhai Mehta Hall on the 20th September, 1953.

7 'Introducing Western Music', first talk by Dr. R. K. Trivedi in Shri Manubhai Mehta Hall on the 27th September, 1953.

8 'Orchestra in Western Music' second talk by Dr. R. K. Trivedi in Maharshi Arvinda Hall on the 3rd October, 1953.

9 Informal 'get-together' of members of the Alumni Association of the Halls of Residence attended by Shrimati Hansa Mehta, the Vice-chancellor; Dr. C. S. Patel and Dr. M. S. Patel of Bombay on the 11th October, 1953.

10 Evening party in Shri Dadabhai Naoroji Hall attended by Shrimati Hansa Mehta, the Vice-Chancellor on the 19th November, 1953.

11 Educational Film Show in Maharshi Arvinda Hall on the 12th December, 1953.

12 Hostel Day celebrated by all the Halls of Residence under the Presidentship of the Vice-Chancellor on the 16th December, 1953. The main items of the day were: (i) Sports on the University Cricket Ground (ii) Refreshments on the lawns outside Shrimati Sarojinidevi Hall, (iii) Entertainments in the auditorium of the Faculty of Home Science.

13 Talk by Shri Adi Marzban in Shrimati Sarojinidevi Hall on the 16th January, 1954.

14 Group photo of the members of the Hostel Day Committee with the Vice-Chancellor and Pro-Vice-Chancellor on the 29th January, 1954.

15 Farewell party to outgoing members along with a Fashion parade in Shrimati Sarojinidevi Hall on the 18th February, 1954.

2. Medical examination of students.

The University arranges every year a medical check-up of the students in the beginning of the academic year. During the year under report the medical examination was conducted as usual in Shri Sayaji General Hospital, Baroda during the period the 10th August, 1953 to the 23rd September, 1953 by a Board consisting of the following specialists:—

1 Dr. T. V. Patel M.D. (Bom.) (Convener)
2 Dr. P. M. Luhar M.R.C.P. (London)
3 Dr. A. B. Kothari M.S., F.R.F.P.S. (G)
4 Dr. R. C. Desai, M.S. (Bom.)
5 Dr. Sanat Shah, M.R.C.P E., D.C.H., D.T.M. & H. (London)
6 Dr. A. M. Gandhi M.B.,B.S,, D.M.R.T. (London)
7 Dr. M. S. Sudhalkar M B.,B.S.,D.O (Bom.)
8 Dr. (Shrimati) I. T. Patel, M.D. (Bom.)

The Board examined 4,008 students in all. The 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 Medical Officers attended to the follow up treatment of the cases marked by the Board for further attention. The Statistics department of the Faculty of Science prepared a statistical analysis of the findings in the medical examination.

3. Physical Education.

(a) *Auxiliary Cadet Corps* :

The University maintains a separate department of Physical Education to organise and guide the Physical Education of the students. The staff consisted of a Superintendent of Physical Education, 5 Instructors including one Lady Instructor and one Physical Training Assistant. From the commencement of the year under report the University introduced the A.C.C. movement in the place of the conventional physical training. The A.C.C. besides giving enough physical training provides various activities which develop in the students, patriotism, team spirit, love of corporate life and self-discipline. The movement also provides for training in social service and appreciation of the dignity of labour. The training in A.C.C. is compulsory for the students of the first two years of the University education. The number of cadets enrolled for University A.C.C. was 2038-1777 men and 261 women.

(b) *Sports* :

The University has a number of well laid out courts and fields for all major games like cricket, hockey, football, basket ball, volley ball, tennis, badminton, kho kho and hututu. It also has a Boat club. Nearly 500 students and members of the teaching staff take part in major games every day during the seasons. The University sent cricket, hockey and badminton teams for the Inter University tournaments during the year. 1,100 students of the A. C. C. gave a mass Physical Education demonstration during the University Week on the 29th November, 1953. Annual Sports of the University students and staff were also organised during the University Week. Total expenditure of the Physical Education department during the year under report was Rs. 40,004/-

4. The National Cadet Corps.

The University National Cadet Corps—the 6th Bombay Battalion, N. C. C. Baroda—continued its activity during the year. The staff consisted of one Commanding Officer, 10 N. C. C. officers from the Faculties and 2 J. C. O's and N. C. O's from the regular army. The total enrolment of the cadets in the unit was 315 (its sanctioned strength). Students were given training in courses leading to B and C certificates examinations. Parades were held twice in a week on Sunday and Wednesdays. The annual training camp was held at Mount Abu from the 20th December, 1953 to the 2nd January, 1954 wherein the unit participated. One officer and 20 cadets of the unit attended the cadre camp organised by No. 1 Circle, N. C. C. at Khadakwasla, Poona from the 19th October, 1953 to the 1st November, 1953. The University has provided the unit with an independent building " Vikram Bag " for its office with spacious parade ground in its vicinity. The N. C. C. library and club are also accommodated in this building. The University has also provided funds for a bag-pipe band for the unit. The unit has prepared a special ground for sand model a short range and an air-gun shooting gallery. The University paid a grant of Rs. 379/- during the year under report for providing amenities to N. C. C. cadets and officers, N. C. C. band and Rifle club.

5. General Education Scheme.

At the suggestion of Shri K. G. Saiyadain, Joint Educational Adviser to the Government of India, Ministry of Education, the University introduced a scheme of General Education from August, 1952. The scheme was continued during the current year also. The purpose of the scheme is to ensure that the future graduates develop an over all awareness and a scientific attitude and become equipped with basic knowledge of contemporary life in its manifold aspects and develop a cosmopolitan outlook respectful of human values. The course consisted of about 20 lectures followed by discussion on subjects under areas of knowledge like Scientific method, Physical Sciences, Biological Sciences, History, Social Sciences, Philosophy and Education. The lectures were introduced in the first in-

stance for B.A., B.Sc. and B.Com. students. They were held during working hours and attendance was made compulsory. During the year under report 9 lectures were arranged for Junior and Senior B.Sc. students and 6 for Junior and Senior B.A. and B.Com. students. 180 students of the Senior B.Sc. class visited the Museum and Picture Gallery, Baroda by special arrangement of the Museum authorities in two batches of 90 each when they were taken round by the staff and the students of the Department of Museology and the significance of different items was explained to them. Under this scheme, educational and cultural films were obtained from the Films Division, Government of India, the British Council, U.S. Information Services, and other similar agencies and shown to the students at two centres. At the Faculty of Science centre 62 films were shown to students of the Faculties of Arts, Science and Commerce. At the second centre in the Halls of Residence 57 films were shown to the students of the Halls. In addition 16 films were shown to the students of the Faculty of Home Science in the Faculty auditorium. An exhibition of 107 photographs taken by the British Everest Exhibition and the Indian Air Force and kindly lent by the British Council was arranged in the Faculty of Fine Arts from the 6th August, 1953 to the 16th August, 1953. The exhibition was visited by nearly 2500 persons. A Career Conference was also organised from the 18th January, 1954 to the 21st January, 1954 as a part of the General Education Scheme. The various careers open to the students of different Faculties were discussed by the speakers, some of whom were specially invited from outside Baroda. Shri K. G. Saiyadain gave a talk on 'Need for a Liberal Education' in this series on the 27th August, 1953.

6. 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 the 29th November, 1953 to the 5th December 1953. H. E. the Governor of Bombay Shri Girjashankar Bajpai came over to Baroda to inaugurate the Week on the 29th November, 1953. He was given an enthusiastic reception by the students and staff of the University. Shri Bajpai gave an interesting speech emphasising the necessity of maintaining a proper balance of studies and games during the student day.

Among the items of the University Week were the annual sports, and the M. N. Wadia Trophy Inter-Faculty Debate, Lectures and entertainment programmes and prize distribution function. All the programmes were largely attended by the students and the members of the staff of the University as well as by invited guests.

7. Students' Representative Council.

With a view to providing an organisation of the students of this University wherein they could discuss the various problems concerning themselves, the Students' Representative councils are constituted in each Faculty and Institution consisting of elected representatives. For discussing the problems concerning all the students of the University as a whole, University Students' Representative Council consisting of one elected representative of each Faculty and Institution is also constituted at the beginning of each academic year. These Councils were of great help in ascertaining the views of the students on several questions relating to them. The following were the members of the University Students' Representative Council during the year under report :—

1.	Shri V. G. Shah (Sr. B.A.)	Faculty of Arts
2.	Shri N. H. Shah (Jr. B.Sc.)	Faculty of Science
3.	Shri D. H. Patel (B.Ed. Class)	Faculty of Education and Psychology
4.	Shri M. G. Dheriwala (Sr. B.com.)	Faculty of Commerce
5.	Shri R. F. Patel (IInd Year)	Faculty of Medicine
6.	Shri N. N. Shah (B.E. Civil)	Faculty of Technology
7.	Shri P. M. Joshi (IIIrd year Diploma Sculpture)	Faculty of Fine Arts
8.	Kumari S. M. Parikh (IIIrd year)	Faculty of Home Science
9.	Shri J. Thomas (Sr. Class)	Faculty of Social Work
10.	Shri S. K. Doshi (Inter Com.)	Intermediate College
11.	Kumari R. R. Desai (1st year Dip.)	College of Indian Music, Dance and Dramatics
12.	Shri Ramanand Advaitanand (Advance course)	Sanskrit Mahavidyalaya