



FIRST TRIENNIAL REPORT **(1947-48 to 1950-51)**

THE INDIAN INSTITUTE OF EDUCATION
11 HORNIMAN CIRCLE, FORT
BOMBAY

OFFICE-BEARERS OF THE INDIAN INSTITUTE OF
EDUCATION, BOMBAY

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Hon'ble Shri G. V. Mavlankar

Vice-Presidents:

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Shrimati Hansa Mehta

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„ S. S. Desnavi

Shrimati M. Chokshi

Shri R. N. Vakil

„ C. D. Barfivala

„ J. P. Naik } *Secretaries*

Professors who lecture to or guide Post-graduate Students:

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„ M. T. Vyas

„ G. S. Khair

Kumari S. Panandikar

„ Chitra Naik

Shri M. P. Vaidya

„ C. N. Patwardhan

Head of the Department of Psychology:

Shri V. V. Kamat

Head of the Department of Educational Administration:

Shri V. P. Khanolkar

Managing Editor of the Indian Journal of Educational Research:

Shri A. S. Gavade

THE INDIAN INSTITUTE OF EDUCATION
11, HORNIMAN CIRCLE, BOMBAY

First Triennial Report
(1947-48 to 1950-51)

The Indian Institute of Education was founded early in 1948 by a few workers in the field of education who believed that there was a need of a non-official organisation which would carry on post-graduate teaching and research, discuss the educational problems of the country at the policy-drafting level, publish the results of educational studies and investigations on an all-India basis, and try to create the necessary educational literature in some of the modern Indian languages. It was duly registered under the Indian Societies Registration Act of 1860 (Certificate No. 1620 of 1947-48) and began to function on 23rd March 1948. The Constitution of the Institute has been printed as Appendix A to this Report.

2. *Membership*: During the period under Report, the Institute was able to enrol 10 Patrons (persons that pay Rs. 1,000 or more) and 182 Life-Members (persons that pay Rs. 100 or more). All the amounts paid by the Patrons or Life-Members are capitalised and credited to the General Fund of the Institute. On 31st March 1951, this Fund stood at Rs. 33,386-10-0. A list of all the Patrons, Life-Members and Institution Members is given in Appendix B.

3. *Post-Graduate Teaching*: One of the earliest activities organised by the Institute was to conduct classes for the M.Ed. examination of the University of Bombay. This course had been instituted by the University in 1947; but no provision to train students in it existed in the City of Bombay. The Institute, therefore, decided to make up the deficiency and, on obtaining recognition from the University authorities, started the course in August 1948. There have been three sessions so far—44 students in 1948-49; 50 students in 1949-50; and 60 students in 1950-51. This makes a total of 154 students in all. A list of all these past students is given in Appendix C.

Of these students, 109 appeared for the examination in the period under review and 66 passed of whom 17 obtained a second class. For this examination, it is permissible for the students to

submit a dissertation in lieu of two papers. Forty-seven such dissertations were approved by the University so far. The names of the successful students as well as the subjects of their dissertations are given in Appendix D. The Rules of the Post-graduate Classes are given in Appendix E.

4. *Educational Research*: The second activity undertaken by the Institute was to have educational investigations conducted by the students who are preparing for the M.Ed. and Ph.D. examinations of the University of Bombay. Six members of the staff of the Institute are recognised as University Teachers for the purpose of guiding research students—Prof. R. V. Parulekar (Ph.D. and M.Ed.); Prof. V. V. Kamat (Ph.D. and M.Ed.); Prof. V. P. Khanolkar (Ph.D. and M.Ed.); Prof. M. T. Vyas (M.Ed.); Prof. M. P. Vaidya (M.Ed.); and Prof. C. N. Patwardhan (M.Ed.). As on 31st July 1951, there were 53 students doing research at the Institute. Their names and subjects are given in Appendix F.

5. *Publications*: The third important activity undertaken by the Institute was to publish educational studies and investigations. The following schemes have materialised so far:—

(a) *Studies in Indian Education*: This series is being edited by the Indian Institute of Education and published by Asia Publishing House, Bombay. It will include books meant for teachers and general readers. So far, one book has been published in the series, viz. *Problems of Educational Reconstruction* by Shri K. G. Saiyidain, now the Joint Educational Adviser to the Government of India. The following three books are under preparation:—

Volume II: Primary Education in India by Shri J. P. Naik, Secretary, Indian Institute of Education, Bombay.

Volume III: Secondary Education in India by Shri A. R. Dawood, Member, State Board of Secondary Education, Bombay.

Volume IV: Education, Culture and Social Order by Shri K. G. Saiyidain, Joint Educational Adviser to the Government of India, Delhi.

(b) *Shri Narayanrao Topiwalla Memorial Educational Research Series*: The object of this series is to publish books dealing with the history of education. Towards the cost of this series, Shri Motiram Desai Topiwalla of Bombay has given a donation of Rs. 2,500 and an advance of Rs. 2,500 (free of interest) repayable from the sales of books published in the series. The Institute has also contributed Rs. 1,000 to the Fund of the series from its own resources.

So far, one book has been published in the series, viz. *A Survey of Indigenous Education in the Province of Bombay (1820-*

1830). This has been edited by Shri R. V. Parulekar, the Director of the Institute. The following works are in preparation:—

Volume II: Papers relating to Indian Education and included in the Parliamentary Enquiry of 1832. The Volume is being edited by Shri A. N. Basu, Principal, Central Institute of Education, Delhi.

Volume III: Documents relating to the History of Education in the State of Bombay (1815-1840). The volume is being edited by Shri R. V. Parulekar.

Volumes IV and V: History of Education in the State of Bombay in the Modern Period (1815-1950) by Shri R. V. Parulekar.

This series is published in co-operation with Asia Publishing House, Bombay.

(c) *Educational Studies and Investigations:* The object of this series is to publish in detail some of the leading researches and investigations carried out in India (or by Indian students in universities abroad). It will be edited by the Institute and published in co-operation with Asia Publishing House, Bombay. So far, one volume has been published and it includes the synopsis of the following four investigations:—

1. *Dr. G. N. Kaul:* Promotion of Learning in Kashmir during the Hindu Period (273 B.C. to 1339 A.D.).
2. *Dr. A. S. Gavade:* An Analytical and Experimental Investigation into the Nature and Effects of Item Contents of Intelligence Tests.
3. *Shri V. R. Gokhale:* Differentiated Curricula in Secondary School Mathematics on the basis of Intelligence Level.
4. *Dr. C. M. Thacore:* Some Aspects of the Educational Thought of India.

The Institute is extremely grateful to the Maharaja Sayajirao University of Baroda for kindly sanctioning a donation of Rs. 1,000 towards the publication of this volume.

Two other volumes are in preparation.

(d) *Educational Research Publications:* The object of these series of pamphlets is to publish the synopses of theses in education approved by the University of Bombay. The series is edited by the Institute and is being published by Macmillan & Co., Ltd., Bombay.

So far, the following six pamphlets have been published:—

- No. 1. Shri M. P. VAIDYA: *Bilingualism in Education.*
 Shrimati PRIYAMVADA M. MANOHAR: *A Study of the English Readers most current in the Schools of the Province of Bombay.*

- No. 2. Shri N. V. PATANKAR: *History of Education in Poona during the British Period (1821-1942) with special reference to the Secondary Stage.*
 Shri M. S. CHANDAVARKAR: *An Enquiry into the Knowledge of Children between the ages of 8 and 18 in General Science in Bombay Karnatak.*
- No. 3. Shri U. R. SEOLEKAR: *Marathi Reproduction Vocabulary of Pupils who have completed Primary Std. IV.*
- No. 4. Shri S. R. BHAT: *Marathi Recognition Vocabulary of Children (Age-group 6-10).*
 Shri NANDSHANKAR N. SHUKLA: *Intelligence Tests for Gujerati Children.*
- No. 5. Shri F. S. CHOTHIA. *The Physical Condition of our School Children.*
 Shri D. G. KULKARNI: *Teaching of Practical Geometry in Secondary Schools.*
 Shri C. S. BENNUR: *Private Enterprise in Primary Education in the Province of Bombay.*
- No. 6. Shri D. V. CHIKKARMANE: *Measurement of Arithmetical Ability in Primary Schools.*
 Shrimati VATSALA D. AGASHE: *Comparison of the Arithmetical Ability of Boys and Girls (in Stds. V-VIII).*

Two more pamphlets are in preparation.

(e) *Studies in Educational Administration*: The object of this series is to publish studies and investigations in the field of educational administration. The following publications of this series are under preparation:—

1. *Some Problems of Educational Administration in India* by Shrimati Madhuri R. Shah, Registrar, Indian Institute of Education, Bombay.

This is a critical study of some of the important problems of educational administration in India. The work is divided into 12 Chapters with an introduction and a concluding section in addition. The Chapters are devoted to the discussion of general characteristics of Indian Educational Administration; the roles of the Federal, State, and Local Governments in education; the role of private enterprise; the administrative problems of university, secondary, and primary education; the administration of personnel; and educational finance and legislation. This is the first book of its type and will be an invaluable guide to those who desire to be introduced to the subject.

2. *Education in the different States of the Indian Union* by Dr. Chitra Naik and Shri J. P. Naik.

At present, very little authoritative data is available regarding the educational position in the different States of the Indian Union. The Institute, therefore, has decided to publish 18 pamphlets on the subject. One pamphlet each will be devoted to the 9 Part

A States and 9 Part B States and will describe, in detail, the existing educational position in the State concerned, with a brief note on recent trends and schemes under way. It is hoped that the series will be of great help to those who want to have the latest comparative data regarding the development of education in India.

3. *An Introduction to Indian Public Education* by Dr. Chitra Naik and Shri J. P. Naik.

The object of this volume is to describe, in detail, the educational administration in India, especially with reference to the development since the attainment of independence on 15th August 1947.

4. *Compulsory Primary Education in India* by Shri Dhanwant M. Desai, Headmaster, Esplanade Middle School, Bombay.

The problem of compulsory primary education is of the utmost and immediate importance, especially in view of the provision in the Constitution that the States shall endeavour to introduce universal compulsory education till the age of 14 years, before 1960-61. It is expected that this comprehensive study of the problem will be found to be opportune and will be of great help in the reconstruction of Indian education.

(f) *Shri Govindrao Koregaonkar Granthamala*: The object of this series is to publish books on educational subjects in Marathi. Towards its cost, it is proposed to raise a fund of Rs. 20,000, half of which will be contributed by Shri Govindrao Koregaonkar Dharmadaya Sanstha of Kolhapur and the other half by the Institute. So far one book only has been published in the series, viz. प्राचीन भारतीय शिक्षाविज्ञान by Shri N. G. Taokar. Other volumes are in preparation.

(g) *The Indian Journal of Educational Research*: This journal is edited by the Institute and published by Asia Publishing House, Bombay. The object of the Journal is to publish the findings of educational research on an all-India basis. The Editorial Board consists of a representative of every university in India (which has a Faculty in Education) and the Chairman of the Board of Editors is Shri K. G. Saiyidain. The Journal is a quarterly and each issue contains about 96 pages of the royal octavo size. The work of the Journal is being highly appreciated, not only in India but in U.K. and U.S.A. as well. So far, five quarterly issues of the Journal have been published.

6. *Conference of Training Colleges in India*: Under the joint auspices of the Maharaja Sayajirao University of Baroda and the Institute, the first Conference of all training colleges in India (functioning at the university level) was convened at Baroda in November 1950. It was very largely attended and was presided over by Smt. Hansaben Mehta, Vice-Chancellor, M. S. University,

Baroda. The Conference was very successful and its foremost achievement was the establishment of an Association of Training Colleges (functioning at the university level). The Institute has published the proceedings of the Conference in a book-form and the publication has been greatly welcomed as a useful book of reference.

7. *Other Activities*: Among the other activities which the Institute has been able to organise so far, the following may be mentioned:—

(a) *Extension Lectures*: Off and on, the Institute has been able to organise lectures of eminent educationists on different educational problems.

(b) *Vocational Guidance*: In collaboration with the Parsee Panchayat and the Headmasters' Association, Bombay, the Institute has done some pioneer work in vocational guidance. It has conducted one class for training Career-Masters and has been participating in organising annual Careers' Conferences and Vocational Guidance Exhibitions.

(c) *Students' Association*: A Past and Present Students' Association is formed and it organises an excursion and a social gathering every year.

(d) *Educational Library*: The Institute maintains an up-to-date and fairly well equipped library of educational books. It is valued roughly at Rs. 25,000 and contains about 4,000 books at present. The rules of the library are given in Appendix H.

(e) *Psychological Laboratory*: The Institute is also maintaining a small psychological laboratory which is being added to from year to year as funds permit.

(f) *Babre Lectures*: With the help of a donation of Rs. 600 given by Shri P. A. Babre, the Institute has undertaken to organise a series of 12 lectures on educational topics in Marathi which are to be published later on in a book-form.

8. *New Workers*: The Institute has been fortunate in being able to obtain the services of veteran educationists of the State in conducting its activities. All the same, it has also felt it to be necessary to have a second line of younger workers. The Institute is grateful to Dr. A. S. Gavade * who, after obtaining his Doctorate

* Dr. A. S. Gavade joined the Institute as Registrar with effect from 1-4-1948. He went to Leeds on 13th September 1948 and the Institute granted him leave without pay. His friends formed themselves into a Committee and collected the amount required for his expenses in India and abroad.

at Leeds and touring in most countries of Europe, has returned recently to India and joined the Institute with effect from 1st April 1951 as a whole-time permanent worker of the Institute. Now Shrimati Madhuri R. Shah who worked as Registrar since 1-12-1949 is being sent to London. She was fortunate enough to get a scholarship from the British Council and has been admitted to the M.A. course of the London University (with a possibility of transfer to Ph.D.). She is due to sail on 24th August 1951 and expected to return in August 1953 and resume her duties at the Institute. Besides, a scheme of recruiting Assistant Lecturers from among the brilliant students of the Institute and training them up for lecturing and guidance at the post-graduate level has also been undertaken.

9. *Proposed Activities:* Several activities of great educational importance are proposed to be undertaken by the Institute as soon as the necessary financial and other resources become available. Among these may be mentioned the conduct of a Journal of Educational Administration, the organisation of extra-mural lectures, the conduct of diploma-courses in education, etc. Detailed plans for these are being worked out.

10. *Accounts:* The Audited Statements of Accounts are given in Appendix G.

11. *Needs of the Institute:* The most urgent needs of the Institute at the moment are two: the first and the foremost need is that of a suitable accommodation of its own. Secondly, the Institute needs a reserve fund of at least one lakh and a sum of another lakh of rupees for laboratory equipment, books, publication expenses, etc. The Institute trusts that the generous public of the State will come forward and contribute this amount at no distant date.

12. *Acknowledgments:* The Institute is indebted to a number of institutions and individuals for help in building up its activities. In particular, the Institute desires to place on record its deep gratitude to the following institutions and individuals for help rendered:—

To the Government of Bombay for sanctioning a recurring grant to the Institute (Rs. 2,000 in 1949-50 and Rs. 6,000 in 1950-51); for permitting the Institute to locate its psychological laboratory and library in the S. T. College building; for according permissions to certain Government Servants to lecture to the students of the Institute; for allowing the Institute to use the laboratory of the S. T. College; and for extending patronage to its publications.

To the Authorities of the University of Bombay for sympathy and assistance in solving the several academic problems the Institute had to face.

To the Authorities of the M. S. University of Baroda for general co-operation; for assistance in connection with the first conference of training colleges; and for patronage to its publications.

To the Local Self-Government Institute, Bombay, for allowing the Institute to use their premises; and for continuous help in innumerable matters connected with the administration of the Institute. But for this help the Institute would not have been able to function at all.

To the Govindrao Koregaonkar Dharmadaya Sanstha of Kolhapur for the donation of Rs. 10,000 for publications and for the loan of the services of Shri J. P. Naik.

To the A. S. Gavade Scholarship Committee for collecting Rs. 14,000 in order to meet the expenses of Dr. Gavade's studies in the United Kingdom.

To the Asia Publishing House for valuable assistance in the publication of educational studies and investigations and, in particular, of the Indian Journal of Educational Research.

To Macmillan & Co., Ltd., for valuable assistance in the publication of Educational Research Pamphlets.

To the British Council for the grant of a scholarship to Shri-mati Madhuri R. Shah for higher studies at the London University.

To Miss Amy B. H. J. Rustomjee, ex-Principal of the S. T. College, Bombay, and to *Kumari S. Panandikar*, the present Principal, for full co-operation in conducting the M.Ed. classes.

To the Educationists who, in an honorary capacity, lecture to the students of the Institute.

To the Members of the Editorial Board of the Indian Journal of Educational Research and in particular to the Chairman, Shri K. G. Saiyidain, for valuable assistance in the publication.

To all Patrons, Life-Members, and Members for their interest in the Institute and for financial assistance.

C. D. BARFIVALA,
J. P. NAIK,

M. T. VYAS,
Chairman

Honorary Secretaries

APPENDIX A
CONSTITUTION

1. The name of the Society shall be "the Indian Institute of Education", hereinafter referred to as the 'Institute'.

2. The Headquarters of the Institute shall be at Bombay, and the Office of the Institute shall be located at 11 Elphinstone Circle, Fort, Bombay.

3. The aims and objects of the Institute shall be as follows:—

- (a) To conduct research in educational problems in general and those connected with educational administration in particular;
- (b) to publish a magazine devoted to the study of educational problems in India and to publish an annual year book of Indian education;
- (c) to publish books dealing with educational problems in India and, in particular, to publish the results of the researches conducted by the Institute;
- (d) to conduct classes for post-graduate degrees in education and to give guidance to students who have undertaken research work for post-graduate degrees in education;
- (e) to maintain an up-to-date library of books on the subject of education in general and educational administration in particular;
- (f) to arrange conferences, lectures, discussions and seminars for the study of educational problems;
- (g) to undertake experiments in education, to encourage the undertaking of such experiments by Government, Local Bodies and managements of private schools, and to co-ordinate and publicise the results of such experiments; and
- (h) generally to undertake all such activities as will tend to expand and improve education in India.

4. The membership of the Institute shall be divided into three classes as follows:—

- (a) *Patrons* who shall pay Rs. 1,000 or more;
- (b) *Life-Members* who shall pay Rs. 100 or more;
- (c) *Ordinary Members* who shall pay Rs. 10 or more per year.

Explanation: Institutions interested in education shall be eligible to be enrolled as ordinary or permanent members of the Institute. Any person who is duly authorised by such institution shall exercise all the powers and enjoy the privileges of an ordinary or permanent member of the Institute as the case may be. An Institution desiring permanent membership shall make a non-recurring payment of Rs. 100 only.

5. (a) The General Body of the Institute shall consist of all Patrons, Life-Members, Ordinary Members, and one representative of each member-institution.
- (b) The Secretary of the Institute shall convene the Annual General Meetings of the Institute within three months of the close

of the financial year (1st April to 31st March). Special Meetings of the General Body of the Institute shall be convened as and when necessary either by the President or any one of the Secretaries. A Special Meeting shall, however, be called within one month of the receipt of a requisition by not less than 25 members of the Institute. Fifteen clear days' notice shall be necessary for meetings of the General Body.

- (c) The President of the Institute shall preside over the meetings of the General Body. In his absence, any one of the Vice-Presidents, and in the absence of the latter, the Chairman of the Executive Committee shall preside. If none of these Office-Bearers are present, the members present at the meeting may elect a Chairman for the meeting.
 - (d) The quorum for a meeting of the General Body shall be one-third of the total number of members or thirty, whichever is less. If there be no quorum within half an hour of the time fixed for the meeting of the General Body, the meeting shall stand adjourned to the same hour on the next day. No notice of such adjourned meeting shall be necessary.
 - (e) The powers and duties of the General Body shall be as follows:—
 - (i) to consider and adopt the report on the working of the Institute and an audited statement of account of the preceding year presented by the Executive Committee;
 - (ii) to consider and adopt a programme of work for the ensuing year;
 - (iii) to sanction the budget for the ensuing year;
 - (iv) to elect the President, two Vice-Presidents, the Chairman, two Honorary Secretaries, and all members of the Executive Committee for the ensuing year;
 - (v) to appoint an auditor or auditors for the ensuing year;
 - (vi) to consider any amendment to the constitution of the Institute of which notice is given under Rule 10; and
 - (vii) to consider any other subject concerning the Institute which may have been referred to it by the Executive Committee.
6. (a) The Executive Committee shall consist of twelve members including the Chairman and two Secretaries.
- (b) The term of office of the Executive Committee shall be for one year; but the Executive Committee shall continue in Office until a new Executive Committee is elected.
- (c) Meetings of the Executive Committee shall be convened by the Chairman or any one of the Secretaries as and when necessary. But a meeting shall be convened if five members requisition it, within 15 days of the receipt of the requisition. Five members shall form a quorum. Five clear days' notice shall be required for meetings of the Executive Committee.
- (d) If a meeting of the Executive Committee is adjourned for want of quorum, the business at the adjourned meeting shall be transacted even if no quorum is present.

- (e) The Executive Committee shall take all steps necessary to carry on the work and administration of the Institute in accordance with the programme and the budget sanctioned by the General Body.
- (f) The Executive Committee may proceed to business notwithstanding any vacancies due to any cause.
- (g) The Executive Committee shall have power to fill up all vacancies among the office-bearers or in the Executive Committee.

7. All questions at the meeting of the General Body or the Executive Committee shall be decided by the majority of votes of the members present and voting. In case of an equality of votes, the presiding authority shall have a second or a casting vote.

8. The Secretaries of the Institute shall be responsible for the conduct of the administration of the Institute in accordance with resolutions of the General Body or the Executive Committee.

9. All funds of the Institute shall be deposited in such bank as may be approved by the Executive Committee and shall stand in the name of "The Indian Institute of Education, Bombay". The account shall be operated upon by the Chairman or any other member authorised by the Executive Committee in this behalf and any one of the Secretaries.

10. At least two months' notice shall be given of every amendment proposed to the constitution of the Institute and the proposed amendment, along with the opinion of the Executive Committee thereon, shall be circulated to all members of the General Body and shall be specifically included in the agenda of the meeting.

APPENDIX B

LIST OF PATRONS, LIFE-MEMBERS, AND INSTITUTION MEMBERS

(As on 31-3-1951)

A—Patrons

- Shri Babre, Parshuram Atmaram, Bombay.
- .. Desai, Motiram Narayanrao, Bombay.
- .. Dunung, Anna Balvant, Bombay.
- Smt. Korgaonkar, Laxmibai Prabhakar, Kolhapur.
- Shri Kumbhar, Ratnappa, Kolhapur.
- Kumari Naik, Chitra, Bombay.
- Shri Naik, Jayant P., Bombay.
- .. Parmar, Babusheth, Kolhapur.
- .. Pujara, Mohanlal Motilal, Bombay.
- .. Ruia, Radhakrishna Ramnarain, Bombay.
- .. Shah, Vithaldas Hakamchand, Bombay.

B—Life Members

- Shri** Abhyankar, R. S., Bombay.
 " Babrekar, D. S., Bombay.
 " Bagi, Manohar Baburao, Kolhapur.
 " Bapat, S. D., Kolhapur.
 " Barfivala, Chunilal D., Bombay.
 " Bhagwat, N. D., Nasik.
Smt. Bhagwat, Vimal S., Bombay.
Shri Bhandare, Waman Mangesh, Bombay.
 " Bhat, Sakharam Raoji, Kolhapur.
 " Bhide, Madhav Yeshvant, Bombay.
 " Bhogaonkar, Gajanan Shankarrao, Kolhapur.
 " Bhosle, S. B., Kolhapur.
 " Chavan, Manik Madhavrao, Bombay.
 " Chavan, Narayan Dattatraya, Kolhapur.
 " Chaphalkar, Pandurang Vinayak, Kolhapur.
 " Dabholkar, S. G., Kolhapur.
 " Dawood, A. R., Bombay.
 " Dengle, K. R., Bombay.
 " Desai, Dhanwant M., Bombay.
 " Desai, Girishchandra Savailal, Ahmedabad.
 " Desai, Krishnaji Narayan, Valaval, (Ratnagiri).
 " Dhar, G. S., Bombay.
 " Dongarsane, Shamrao Keshav, Kolhapur.
 " Doshi, Maganlal H., Ghatkopar.
 " Dunung, Ramchandra Padamanna, Kolhapur.
 " Gadekar, Manmohan Balkrishna, Bombay.
 " Ghatge, S. M., Kolhapur.
Smt. Gokhale, Beena B., Bombay.
Shri Goregaonkar, K. H., Bombay.
 " Harchekar, Waman Ganesh, Bombay.
 " Haval, Shripad Balvant, Kolhapur.
 " Hazarat, Vijayrai Himatrai, Bombay.
His Highness Shri Benadikar, Kshatra Jagatguru Maharaj,
 Kolhapur.
Shri Inglikar, Nanasaheb, Kolhapur.
 " Jadhav, Bajirao Arjunrao, Bombay.
 " Jadhav, G. G., Kolhapur.
 " Jamsandekar, Anant Ganesh, Kolhapur.
 " Jathar, Vaman Jayaram, Bombay.
 " Jayasinghe, P. S., Bombay.
 " Joshi, D. S., Bombay.
 " Joshi, Jagdish R., Bombay.
 " Joshi, K. L., Bombay.
 " Joshi, Laxmiprasad Chunilal, Bombay.
 " Joshi, Ramkrishna Jethalal, Bombay.
 " Joshi, S. G., Bombay.
 " Jobalia, Mansukhlal Amichand, Bombay.
 " Joshirao, Dasharathrao Ganpatrao, Kolhapur.
 " Juvale, Yeshwant Mahadeo, Bombay.
 " Kadam, Govindrao Atmaram, Kolhapur.
 " Kamat, V. V., Bombay.
 " Kanguri, B. N., Halkarni.
 " Kelkar, Sarwottam Vasudeo, Bombay.

- Shri Khandkar, R. N., Kolhapur.
 .. Khanolkar, Dadaji Ramchandra, Bombay.
 .. Khanolkar, Krishnaji Narayan, Vengurla.
 .. Khanolkar, Ranganath Raghunath, Vengurla.
 .. Khanolkar, V. P., Bombay.
 .. Kharas, Sorab P., Bombay.
 .. Kotak, Amritlal B., Bombay.
 .. Kulkarni, Govindrao Anandrao, Bombay.
 .. Kulkarni, K. D., Kolhapur.
 .. Kulkarni, Mangesh Narayan, Bombay.
 .. Ladiwala, Jamnadas K., Bombay.
 .. Lakhani, Babubhai, Bombay.
 .. Lanjekar, M. G., Ratnagiri.
 .. Latkar, Ramrao Kaloba, Kolhapur.
 .. Limaye, Shankarrao Bhikajirao, Kolhapur.
 .. Lingras, Shankarrao Vithalrao, Kolhapur.
 .. Loyalka, Chiranjilal Ramchandra, Bombay.
 .. Mane, D. S., Kolhapur.
 Smt. Manohar, Priyamvada Mukund, Bombay.
 Shri Mahajan, Madhusudan Dinkar, Bombay.
 .. Mashruvala, V. C., Bombay.
 .. Mathais, P. L., Bombay.
 .. Mavlankar, G. V., New Delhi.
 .. Mehta, Ambrish Dharamdas, Bombay.
 .. Mehta, Dharamdas Hargovandas, Bombay.
 Smt. Mehta, Hansa, Baroda.
 Shri Mehta, Ramesh Dharamdas, Bombay.
 Kumari Mehta, Rajni, Bombay.
 Shri Menon, T. K. N., Baroda.
 .. Modak, N. V., Bombay.
 .. Mody, Champaklal G., Bombay.
 .. Motishaw, J. R., Bombay.
 .. Mudholkar, V. R., Dharwar.
 .. Mukerjee, S. N., Baroda.
 .. Naik, Bhikaji Sitaram, Vengurla.
 .. Naik, Ganesh Annaji, Bombay.
 .. Nanavati, Jagadish, Bombay.
 Smt. Nanavati, Sirish M., Bombay.
 Shri Narke, D. C., Kolhapur.
 .. Narvekar, Shridhar Jayaram, Bombay.
 .. Nashte, Shivpad Virupax, Kolhapur.
 .. Naseer, Mahomedali D., Bombay.
 Kumari Navalkar, Nalinee Shamrao, Santa Cruz.
 Shri Nigudkar, Krishnaji Dattatrava, Bombay.
 .. Nigudkar, Narayan Gopal, Kolhapur.
 .. Nurullah, Syed, Poona.
 Kumari Panandikar, Sulabha, Bombay.
 Shri Padhye, R. J., Kolhapur.
 .. Pandit, Appa Maharaj, Kolhapur.
 Kumari Pandit, Tara K., Ahmedabad.
 Shri Parekh, Nagin Manilal, Bombay.
 .. Parekh, Nathalal M., Bombay.
 .. Parulekar, Bhaskar Yeshwant, Vengurla.
 .. Parulekar, R. V., Bombay.
 .. Parulekar, Savalaram Ramchandra, Bombay.

- Shri Patil, A. A., Kolhapur.
 „ Patil, Dattooba Dada, Kolhapur.
 „ Patil, P. B., Kolhapur.
 „ Patil, Rajaram Babaji, Kolhapur.
 „ Patkar, Sitaram Krishnaji, Bombay.
 „ Pavte, D. C., Poona.
 Smt. Phadake, Manorama, Bombay.
 Shri Phatak, A. T., Bombay.
 „ Prabhu, Shridhar Atmaram, Bombay.
 „ Pradhan, M. G., Bombay.
 Kumari Punwani, Tejkumari, Andheri.
 Smt. Purandare, Saraswati A., Nasik.
 Shri Raja, H. R., Bombay.
 „ Rajadnye, Ratnakarrao Madhavrao, Kolhapur.
 „ Ramanlal Dalsukhbai, Bombay.
 „ Ramzanally Peermohmed Ebrahim, Bombay.
 Smt. Rao, Leelavati M., Bombay.
 Shri Raut, Madhukar Balwant, Bombay.
 „ Ruikar, B. N., Kolhapur.
 Kumari Rustomjee, Amy B. H. J., Bombay.
 Shri Sadri, N. N., Kolhapur.
 „ Sajun, Hussenalli, Bombay.
 „ Salvi, Purushottam Govindrao, Kolhapur.
 „ Samani, Ramdas Narayandas, Kolhapur.
 „ Samant, Bhaskar Trimbak, Bombay.
 „ Samant, Govind Ramchandra, Bombay.
 „ Samant, Dattatraya Trimbak, Bassein.
 „ Samant, Yeshwant Atmaram, Bombay.
 „ Samant, Nilkantha Pandurang, Bombay.
 „ Samant, Raghunath Vishnu, Bombay.
 „ Samant, Vasudeo Dattatraya, Parula, (Ratnagiri).
 „ Samant, Rajaram Govindrao, Bombay.
 „ Samant, Ramchandra Balkrishna, Bombay.
 „ Shah, Chimanlal J., Bombay.
 „ Shah, Chandulal T., Bombay.
 „ Shah, F. R., Bombay.
 Smt. Shah, Lalitaben Bhogilal, Bombay.
 „ Shah, Madhuri R., Bombay.
 Shri Narottamdas Popatlal, Bombay.
 „ Shah, P. G., Bombay.
 „ Shelke, M. H., Kolhapur.
 „ Setalwad, M. C., Bombay.
 „ Sheth, Aboobakar Ebrahim, Bombay.
 Kumari Sheth, Indumati Chimanlal, Bombay.
 Shri Sheth, Purshottam, Bombay.
 „ Sheth, Rajnikant Amritlal, Bombay.
 „ Sheth, Shantilal M., Bombay.
 „ Shinde, G. B., Kolhapur.
 „ Shirke, R. B., Kolhapur.
 „ Soundankar, Gopal Ganesh, Nasik.
 „ Shrikant, L. M., Dohad.
 „ Shrikhande, G. G., Kolhapur.
 Smt. Sukthankar, Malini B., Bombay.
 Shri Sultane, B. B., Kolhapur.
 „ Suryavamshi, V. R., Kolhapur.

Shri Tanavde, Dinkar Sakharam, Bombay.
 „ Tembe, G. G., Kolhapur.
 „ Tendulkar, Shreepad Dattatreya, Bombay.
 „ Tulpule, H. V., Poona.
 „ Tulpule, Trimbak Hari, Bombay.
 „ Upalekar, P. S., Kolhapur.
 „ Udipi, A. M., Kolhapur.
 „ Vad. B. G., Bombay.
 „ Vaidya, Manubhai Pranjivan, Ghatkopar.
 „ Vakil, R. N., Bombay.
 „ Varde, S. P., Bombay.
 „ Varde, V. P., Bombay.
 „ Vyas, M. T., Bombay.
 Smt. Yodh, Sarojini, Bombay.

(Payment Received in Part)

Shri Gajendragad, Narayan Guracharya, Kolhapur.
 „ Mirashie, B. V., Bombay.
 „ Pradhan, G. R., Bombay.
 „ Rao, V. G., Bombay.
 Kumari Sanzgiri, L. V., Bombay.
 Shri Samant, S. G., Bombay.
 „ Tawde, R. L., Kolhapur.

C—Institutions

Balmohan Vidya Mandir, Bombay.
 Hindustan Petroleum Co., Bombay.
 India Printing Works, Bombay.
 Khimji Vishram and Sons, Bombay.
 M. M. Pupils' Own High School and Sharada Mandir, Khar.
 Narsee Nagsee & Co., Bombay.
 New English School, Deorukh.
 New Era School, Bombay.
 President, The K.E.M. Workshop Union, Kolhapur.
 President, The Prince Shivaji Maratha Education Society,
 Kolhapur.
 R. M. Bhatt High School, Parcel, Bombay.
 The Private High School, Rajapur.
 The Kolhapur Ajra Motor Service, Ltd., Kolhapur.
 The Kolhapur Goods Transport, Ltd., Kolhapur.
 The Modern School, Bombay.
 The Shetkari Kharedi-Vikri Sangh, Kolhapur.
 V. C. Gurukul High School, Ghatkopar.

APPENDIX C
LIST OF STUDENTS

M.Ed. (by papers)—One Year's Course

First Session (1948-49)

- | | |
|-------------------------------|----------------------------------|
| 1. Shri Aranha, A. G. | 23. Shri Lalwani, P. S. |
| 2. " Barmeda, K. N. | 24. Smt. Mankekar, Sharda R. |
| 3. Smt. Bhagwat, Vimal S. | 25. Kumari Mehta, Manijeh R. |
| 4. " Chitale, Indira S. | 26. " Nagle, Manjula R. |
| 5. Shri Coelho, E. P. | 27. " Navalkar, Nalini S. |
| 6. " Dengle, K. R. | 28. Shri Patwardhan, M. H. |
| 7. " Desai, D. M. | 29. Kumari Punwani, Tejkumari B. |
| 8. " Desai, Dhanwant M. | 30. Shri Rangatia, T. F. |
| 9. " Deshpande, D. V. | 31. " Redkar, P. S. |
| 10. " Ghanekar, V. V. | 32. " Rege, G. D. |
| 11. Smt. Gokhale, Beena B. | 33. " Sabnis, D. K. |
| 12. Shri Gorhe, P. M. | 34. Smt. Khanolkar, Seeta. |
| 13. " Gomes, P. C. | 35. " Sanghavi, Urmila. |
| 14. " Gyara, M. A. | 36. Kumari Sanzgiri, L. V. |
| 15. " Joshi, M. L. | 37. Shri Save, B. M. |
| 16. " Joshi, R. W. | 38. Smt. Sawai, Malini D. |
| 17. " Karmarkar, E. K. | 39. " Shah, Madhuri R. |
| 18. Smt. Karmarkar, Prabha K. | 40. " Shahane, Kusum. |
| 19. " Kher, Tara P. | 41. Kumari Thakurdas, Floris. |
| 20. Shri Kelkar, S. V. | 42. Shri Thomas, L. I. |
| 21. " Kulkarni, D. K. | 43. Smt. Trivedi, Urmila. |
| 22. " Kulkarni, V. G. | 44. Kumari Vijaykar, Magyar M. |

Second Session (1949-50)

- | | |
|-------------------------------|------------------------------|
| 1. Shri Ahmadulla, S. | 26. Shri Naik, M. M. |
| 2. Smt. Asarpota, G. B. | 27. " Nandurdikar, M. B. |
| 3. Shri Bandarkar, R. P. | 28. " Natarajan, S. |
| 4. Smt. Benjamin, S. R. | 29. Kumari Nunes, M. |
| 5. Shri Bhatia, J. G. | 30. Shri Pandit, U. S. |
| 6. " Bhide, M. Y. | 31. " Pandya, C. M. |
| 7. Kumari Daboo, J. D. | 32. " Paranjape, S. M. |
| 8. Shri Desai, D. W. | 33. Smt. Parulekar, V. V. |
| 9. " Farnandis, J. | 34. " Patankar, L. V. |
| 10. " Faruqui, A. A. | 35. Shri Patel, D. J. |
| 11. " Hodiwalla, M. D. | 36. Smt. Pauri, K. D. |
| 12. Kumari Ichpanani, R. I. | 37. Shri Pinge, D. S. |
| 13. " Italia, A. R. | 38. " Ribeiro, H. |
| 14. Shri Jog, R. N. | 39. " Shah, P. C. |
| 15. " Joshi, K. D. | 40. " Shah, J. P. |
| 16. " Joshi, N. J. | 41. " Shukla, H. M. |
| 17. " Joshi, S. A. | 42. " Sule, V. B. |
| 18. " Khandadia, G. J. | 43. " Syed, M. S. A. S. |
| 19. " Kher, D. G. | 44. " Tanna, M. P. |
| 20. " Kirtane, B. B. | 45. Kumari Rajkumari Talwar. |
| 21. " Kulkarni, R. L. | 46. Shri Upadhyaya, K. B. |
| 22. " Kulkarni, H. V. | 47. " Vaidya, M. C. |
| 23. Kumari Labhadaya, Krisna. | 48. " Vaidya, S. A. |
| 24. Shri Mehta, R. N. | 49. " Vijayakar, C. N. |
| 25. " Naik, V. L. | 50. " Walavalkar, D. S. |

Third Session (1950-51)

- | | |
|---------------------------|------------------------------|
| 1. Kumari Aitvadekar, M. | 31. Shri Kulkarni, R. L. |
| 2. Shri Agharkar, A. N. | 32. Kumari Lakulawala, U. T. |
| 3. Smt. Bhansali, K. H. | 33. Shri Lele, P. V. |
| 4. „ Bhavalkar, P. A. | 34. „ Desai, V. K. |
| 5. Shri Bhaskaran, A. S. | 35. Smt. Mehta, R. M. |
| 6. „ Bhatt, P. J. | 36. „ Nabar, T. G. |
| 7. „ Bhojak, R. J. | 37. Shri Nafade, G. H. |
| 8. „ Bokil, V. K. | 38. „ Naik, C. M. |
| 9. Smt. Choubal, I. V. | 39. „ Naik, M. K. |
| 10. Shri Dacunha, G. | 40. „ Naik M. N. |
| 11. Kumari Daftary, S. L. | 41. Smt. Paigaoonkar, S. H. |
| 12. Shri Datye, M. D. | 42. „ Pandit, R. U. |
| 13. „ Dave, K. K. | 43. Shri Pandit, S. K. |
| 14. „ Desai, D. S. | 44. „ Pandya, I. L. |
| 15. „ Desai, D. H. | 45. „ Parekh, S. M. |
| 16. „ Desai, M. J. | 46. „ Parekh, A. B. |
| 17. „ Deshpande, N. A. | 47. „ Patil, R. K. |
| 18. „ Dharagalkar, A. M. | 48. „ Patwardhan, Y. B. |
| 19. „ Doshi, S. D. | 49. „ Parulekar, R. J. |
| 20. „ Gaikawad, S. S. | 50. „ Patil, A. A. |
| 21. Kumari Gandhi, G. N. | 51. „ Rao, P. V. |
| 22. Shri Ghurye, S. V. | 52. „ Risbood, A. V. |
| 23. „ Gupta, R. C. | 53. Kumari Sidhua, D. M. |
| 24. „ Joshi, A. L. | 54. Shri Sonatakke, G. R. |
| 25. „ Joshi, C. D. | 55. Smt. Sukhia, M. H. |
| 26. „ Joshi, L. C. | 56. Shri Thakkar, K. D. |
| 27. „ Joshirao, S. V. | 57. „ Tiwari, B. |
| 28. „ Kamath, R. V. | 58. „ Varughes, T. |
| 29. „ Khare, V. G. | 59. Kumari Vashi, S. D. |
| 30. „ Kulkarni, B. M. | 60. Shri Virkar, J. R. |

APPENDIX D

EXAMINATION RESULTS

M.Ed. (by papers)—1949

Of the 44 students on the rolls, 35 sent in their applications for the examination. Out of these, 16 appeared for the examination and 14 passed, 4 being in the second class. The names of the successful candidates are given below:—

S. No.	Name	Class
1.	Madhuri R. Shah	II
2.	D. M. Desai	„
3.	D. K. Kulkarni	„
4.	K. R. Dingle	„
5.	A. G. Aranha	Pass
6.	E. P. Coelho	„
7.	Beena B. Gokhale	„
8.	P. C. Gomes	„
9.	M. A. Gyara	„
10.	Manjula V. Nagle	„
11.	Nalini S. Navalkar	„
12.	B. M. Save	„
13.	Floris Thakurdas	„
14.	L. I. Thomas	„

Out of the 16 students who appeared, as many as eight submitted dissertations whose details are given below:—

<i>S. No.</i>	<i>Name of the Student</i>	<i>Title of the Dissertation</i>
1.	<i>Madhuri R. Shah</i>	Administration and Finance of Primary Education in the Province of Bombay (excluding the City of Bombay)
2.	<i>D. M. Desai</i>	Compulsory Primary Education in the Province of Bombay
3.	<i>K. R. Dingle</i>	Universal, Compulsory, Free and Secular Education—A comparative study
4.	<i>Floris Thakurdas</i>	Federal Aid to Education
5.	<i>B. M. Save</i>	Private Enterprise in Education
6.	<i>Nalini S. Navalkar</i>	The Educational Developments in New Zealand and their Application to the Province of Bombay
7.	<i>Beena B. Gokhale</i>	Literacy Campaigns in India and Abroad
8.	<i>Tejkumari B. Punwani</i>	Education of Women in the Modern World

M.Ed. (by papers)—1950

Out of the 30 students left over in the 1948-49 session and the 50 students enrolled in the 1949-50 session, 48 students filled their forms and 36 appeared for the examination. Twenty-four students passed of whom 8 stood in the second class. The names of the successful candidates are given below:—

<i>S. No.</i>	<i>Name</i>	<i>Class</i>
1.	<i>S. V. Kelkar</i>	II
2.	<i>M. Y. Bhide</i>	"
3.	<i>S. Natarajan</i>	"
4.	<i>M. L. Joshi</i>	"
5.	<i>Talwar, Rajkumari</i>	"
6.	<i>K. G. Desai</i>	"
7.	<i>Urmila, Sanghvi</i>	"
8.	<i>Sushila Vyas</i>	"
9.	<i>A. R. Italia</i>	Pass
10.	<i>K. D. Joshi</i>	"
11.	<i>D. J. Patel</i>	"
12.	<i>C. D. Pathak</i>	"
13.	<i>S. A. Vaidya</i>	"
14.	<i>D. G. Wakharkar</i>	"
15.	<i>Vimal Bhagwat</i>	"
16.	<i>Tara Kher</i>	"
17.	<i>S. M. Paranjape</i>	"
18.	<i>Punwani Tejkumari</i>	"
19.	<i>Lalita Sanzgiri</i>	"
20.	<i>V. B. Sule</i>	"
21.	<i>C. N. Vijaykar</i>	"
22.	<i>Daboo, Jer D.</i>	"
23.	<i>Benjamin, Sybil R.</i>	"
24.	<i>R. N. Mehta</i>	"

The following 14 students submitted dissertations which were approved by the University:—

S. No.	Name	Subject
1.	<i>Smt. Vimal Bhagwat</i>	The History of the University of Bombay
2.	<i>Kumari Jer Daboo</i>	A Standardised Vocabulary Test in English (for children of 12)
3.	<i>Kumari A. R. Italia</i>	An Investigation into High School Libraries in Bombay City
4.	Shri M. L. Joshi	The Education of Gifted Children
5.	Shri S. V. Kelkar	Education of the Backward Classes in the State of Bombay (1800-1950)
6.	<i>Smt. Sharda Mankekar</i>	An Investigation in the Socio-Economic Condition of Teachers in Bombay City
7.	Shri S. Natarajan	Attendance in Primary Schools
8.	Shri M. H. Patwardhan	The Curriculum of Primary Schools
9.	<i>Kumari Lalita Sanzgiri</i>	The Effect of the Second World War on Education
10.	Shri V. B. Sule	Activity Schools in India and Abroad
11.	<i>Kumari Rajkumari Talwar</i>	The Finance of the Primary Education in the State of Bombay
12.	Shri S. A. Vaidya	Extra-Curricular Activities in Secondary Schools of the City of Bombay
13.	<i>Smt. Sushila Vyas</i>	Some Problems of Secondary Education in the State of Bombay
14.	Shri D. G. Wakharkar	Physical Education in the State of Bombay

M.Ed. (by papers)—1951

Out of the students left over of the previous sessions of 1948-49 and 1949-50, and the 60 students enrolled in the 1950-51 session, 69 students filled their forms and 57 appeared for the examination. Twenty-eight students passed of whom 5 stood in the second class. The names of the successful students are given below:—

S. No.	Name	Class
1.	V. K. Joshi	II
2.	V. K. Desai	"
3.	R. N. Jog	"
4.	K. R. Mehta	"
5.	<i>K. H. Bhansali</i>	"
6.	K. N. Barmeda	Pass
7.	M. K. Naik	"
8.	A. A. Patil	"
9.	<i>K. D. Pauri</i>	"

S. No.	Name	Class
10.	K. B. Upadhyaya	Pass
11.	V. G. Khare	"
12.	D. G. Kher	"
13.	M. N. Naik	"
14.	L. V. Patankar	"
15.	M. H. Patwardhan	"
16.	G. J. Khandadia	"
17.	V. L. Naik	"
18.	S. D. Vashi	"
19.	A. S. Bhaskaran	"
20.	N. A. Deshpande	"
21.	G. N. Gandhi	"
22.	I. L. Pandya	"
23.	L. C. Joshi	"
24.	U. T. Lakdawala	"
25.	A. B. Parikh	"
26.	M. H. Sokhia	"
27.	R. T. Joshi	"
28.	G. R. Sontakke	"

The following 25 students submitted dissertations which were approved by the University:—

S. No.	Name	Subject
1.	Kumari M. Aitiwadekar	Reading Interests of Children in Marathi Upper Primary Schools
2.	Shri K. N. Barmeda	Reading Interests of Gujarati Children Attending Upper Primary Schools
3.	Smt. K. H. Bhansali	Administrative Practices in the Municipal Schools of the City of Bombay
4.	Smt. P. A. Bhavalkar	Home Difficulties of Girls in Secondary Schools (with special reference to Bombay)
5.	Shri N. A. Deshpande	Progress of Education in the State of Bombay during the Congress Regime (1937-1950)
6.	Shri S. S. Gaikwad	An Investigation into the Condition of Night High Schools and their Students in the City of Bombay
7.	Kumari G. N. Gandhi	Hobbies of Boys in the Secondary Schools in the City of Bombay
8.	Shri, R. N. Jog	A Chapter of the Early History of Education in the Bombay Province (Board of Education 1840-55)
9.	Capt. L. C. Joshi	Education in the Army
10.	Shri G. J. Khandadia	The Reproduction Vocabulary in Gujarati of the Pupils who have Completed the Primary Course

<i>S. No.</i>	<i>Name</i>	<i>Subject</i>
11.	<i>Kumari U. T. Lakdawala</i>	Gujarati Vocabulary of Children between Six and Ten
12.	<i>Shri K. R. Mehta</i>	Education in Saurashtra
13.	<i>Smt. R. M. Mehta</i>	An Investigation into the Hobbies of Gujarati Girls of the Secondary Schools of the City of Bombay and Suburbs
14.	<i>Shri M. K. Naik</i>	An Enquiry regarding the Place of the Public Cinema in the Life of the Boys Attending Secondary Schools
15.	<i>Shri M. N. Naik</i>	The Public Schools of India (their Past, Present and Future)
16.	<i>Shri A. B. Parikh</i>	Voluntary Activities (Academic and Literary) of Boys in Secondary Schools
17.	<i>Smt. V. V. Parulekar</i>	Early History of Industrial Education in the Province of Bombay (Below University Grade)
18.	<i>Smt. L. V. Patankar</i>	Educational Provisions in the Constitutions of Forty Different Countries of the World (A Comparative Study)
19.	<i>Shri A. A. Patil</i>	Enquiry into the Causes of Non-Attendance of Children of Compulsory Age-Group and into some Environmental Conditions of such Non-attending Children
20.	<i>Smt. K. D. Pavri</i>	Selection of Children for Secondary Schools in India
21.	<i>Shri P. V. Rao</i>	An Inquiry into the Voluntary Activities of the Secondary School Boys in the City of Bombay (Social, Economic and Religious)
22.	<i>Shri J. P. Shah</i>	Standardization of an Attainment Test in Arithmetic for Gujarati Children of Primary Standard IV
23.	<i>Kumari D. M. Sidhwa</i>	The Training of Secondary Teachers in the State of Bombay
24.	<i>Smt. M. H. Sukhia</i>	Education of Parsee Women in the State of Bombay
25.	<i>Kumari S. D. Vashi</i>	A Group Test of Intelligence for Gujarati Children (Age 15 and 16)

APPENDIX E

RULES OF THE EDUCATIONAL RESEARCH AND
TEACHING SECTION

1. The Educational Research and Teaching Section of the Indian Institute of Education, Bombay, prepares students for the following examinations of the University of Bombay:—

- (1) M.Ed. (by papers).
- (2) M.Ed. (by thesis).
- (3) Ph.D.

2. *Admission*: Students desirous of seeking admission to the section must have passed the B.T. examination of the University of Bombay (or any other examination held to be equivalent thereto by the University of Bombay) and must ordinarily reside in the City of Bombay or suburbs during the period of their training.

3. *The M.Ed. Examination (by papers)*: Students can prepare for the M.Ed. examination (by papers) in two ways: (a) they may attend regular lectures, or (b) work under the guidance of a recognised Teacher.

A candidate desiring to appear for the M.Ed. examination wholly or partly by papers, must attend the Institute for one academic year if he is a full-time student and for two academic years if he is a part-time student. In case of non-attendance at the Institute, the candidate shall work under the guidance of a recognised Post-graduate Teacher for at least two years. For this purpose, a full-time student is defined as a student who is not employed and who attends the Institute for not less than four hours per day for the purpose of lectures, tutorials and library work.

4. *The M.Ed. Examination (by thesis)*: Students desirous of preparing themselves for M.Ed. (by thesis) can register their names as post-graduate students at any time of the year. Application forms for registration will be supplied on personal application to the Director. Each student is required to keep terms for two calendar years from the date of registration before he can submit his thesis.

5. *The Ph.D. Examination*: Students desirous of preparing for the Ph.D. examination in education can register their names at any time of the year and shall have to keep terms for three calendar years if they are B.Ts, two calendar years if they are M.Eds (by papers), and one calendar year if they are M.Eds (by research) from the date of registration before they can submit their theses. Application forms for registration will be supplied on personal application to the Director.

6. *Fees*: The following is the schedule of all fees payable by students preparing for M.Ed. or Ph.D. examinations:—

(1) *University Registration fee*:

Rs. 10 for M.Ed.
Rs. 20 for Ph.D.

(2) *Tuition Fees of the Institute*:

Rs. 25 Caution Money.

Rs. 300 Tuition fees for M.Ed. examination for those students who attend lectures—payable at Rs. 150 per term (in the case of full-time students) and at Rs. 75 per term (in the case of part-time students).

Rs. 300 Tuition fees for M.Ed. students who work under guidance—payable at Rs. 75 per term.

Rs. 100 Tuition fees per year for students preparing for the M.Ed. (thesis) or Ph.D. examination—payable annually in advance.

(3) *University Examination Fees:*

Rs. 75 Examination fees for M.Ed. (by papers or thesis).

Rs. 100 Examination fees for Ph.D.

7. *M.Ed. Lectures:* The lectures for the M.Ed. course will be so arranged, as far as possible, that persons in service may be able to attend them.

8. *Library:* For the use of the post-graduate students, the Institute maintains an up-to-date library of educational books. The rules of the library are given separately.

9. *Syllabus:* Students preparing to appear for the M.Ed. examination by papers shall have to appear for two compulsory papers—Philosophy of Education and Advanced Educational Psychology—and two other papers from any one of the following groups:—

- (1) Group I—Education in Modern India—2 papers.
- (2) Group II—Administration of Education—2 papers.
- (3) Group III—Comparative Education—2 papers.
- (4) Group IV—History of Educational Thought—2 papers.
- (5) Group V—Experimental Education—2 papers.

The detailed syllabus and text books will be found in the latest handbook of the University of Bombay.

Every student has to submit a dissertation on a subject approved by the University.

APPENDIX F

LIST OF RESEARCH STUDENTS

(as on 31-7-1951)

(a) *Ph.D. Students*

<i>S. No.</i>	<i>Name of the Student</i>	<i>Subject</i>
1.	Shri Bhide, M. Y.	Education of the Poor Student.
2.	„ Dengale, K. R.	Educational Finance in the Province of Bombay (1800-1949)
3.	„ Desai, K. G.	Standardisation of Group Tests of Intelligence in Gujarati
4.	„ Dhar, G. S.	Finance and Administration of Secondary Education
5.	„ Gokhale, V. R.	Factorial Analysis of Geometrical Tests

<i>S. No.</i>	<i>Name of the Student</i>	<i>Subject</i>
6.	<i>Kumari Italia, A. R.</i>	The Organisation and the Use of Public Libraries in the City of Bombay.
7.	Shri Joshi, N. G.	Education of Workers in India
8.	„ Kelkar, S. V.	Education of Backward Classes
9.	„ Kulkarni, D. K.	Secondary Education in India and Abroad (A Comparative Study)
10.	„ Kulkarni, W. D.	Training of Primary Teachers in India
11.	„ Naik, S. N.	Adult Reading Habits and Interests.
12.	„ Natarajan, S.	The Problem of Attendance in Primary Schools.
13.	<i>Kumari Navalkar, N.</i>	The Development of National Education in India
14.	Shri Parasnis, N. R.	An Educational Survey of Thana District
15.	„ Rauf, S. A.	Education of Muslims in India
16.	„ Save, B. M.	Training of Teachers—Primary and Secondary—in India
17.	„ Shukla, N. N.	Standardisation of Physical Education Test
18.	„ Sohoni, B. K.	Problem of Vocational Guidance with reference to the Children of the High School stage
19.	„ Sule, V. B.	Leisure time activities of the workers in the City of Bombay
20.	<i>Kumari Thakurdas, F.</i>	Federal Aid to Education
21.	Shri Vakil, K. S.	Basic Vocabulary of Gujarati Children
22.	„ Wakharkar, D. G.	Physical Education in India

The following students have submitted the synopsis of their theses or the theses themselves and the results are awaited:—

Ph.D.

1.	Shri Desai, D. M.	Universal, Compulsory, Free and Secular Education
2.	<i>Smt. Gokhale, Beena</i>	Buddhist Education in India and Abroad
3.	„ <i>Shah, Madhuri</i>	Problem of Educational Administration in India
4.	Shri D. Sivaramiah	Recording of Activity of Primary School Children

M.Ed.

1.	<i>Smt. P. Kirtikar</i>	Education of Women in India (1800-1947)
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(b) *M.Ed. Students (by thesis)*

S. No.	Name of the Student	Subject
1.	<i>Smt. Apte, M. G.</i>	Growth of National Education in India
2.	<i>Kumari Bhate, S. V.</i>	Achievement Test for Geometry for Secondary Schools
3.	<i>Smt. Chitale, I. S.</i>	Professional and Vocational Education in India (1800-1947)
4.	„ <i>Dengle, K. K.</i>	Children's Books in Marathi
5.	<i>Kumari Desai, Aloo</i>	Curriculum of Secondary Schools with reference to the Province of Bombay
6.	<i>Shri D'Souza, E. L.</i>	Religion in Modern Education in India and Abroad
7.	<i>Kumari Gandhi, A. N.</i>	Psychology of the Mentally Handicapped Children
8.	<i>Shri Hemmady, S. S.</i>	Theory of Sex Differences
9.	„ <i>Joshi, A. J.</i>	Group Test of Intelligence for Gujarati Children
10.	„ <i>Joshirao, L. V.</i>	Night High Schools with reference to the City of Bombay
11.	„ <i>Mulla, A. N.</i>	Problem of the Secondary Teachers in the State of Bombay
12.	<i>Kumari Ruth Abraham</i>	Reading Interests of Girls in Secondary Schools
13.	„ <i>Samant, Seeta</i>	The Education in the City of Bombay
14.	<i>Shri Tahir, S. A.</i>	Education in India (1937-1947)
15.	„ <i>Tannu, J. B.</i>	Wastage in Primary Education
16.	<i>Kumari Thakur, K. B.</i>	The Radio as an Educational Medium in India (with reference to Bombay Province).
17.	<i>Shri Wagh, G. C.</i>	A Critical Survey of teaching of Geography in the Province of Bombay

(c) *M.Ed. Students (by papers)*

1.	<i>Kumari Bansiramani Devi</i>	8.	<i>Kumari Mathias, M. L.</i>
2.	„ <i>Biswas, D.</i>	9.	<i>Shri Natu, A. B.</i>
3.	<i>Shri Dastoor, N. J.</i>	10.	<i>Smt. Parikh, D. S.</i>
4.	„ <i>Dixit, J. Y.</i>	11.	<i>Shri Pereira, R.</i>
5.	„ <i>Kalewar, S. B.</i>	12.	„ <i>Pinge, M. R.</i>
6.	„ <i>Katti, M. N.</i>	13.	„ <i>Raje, D. G.</i>
7.	„ <i>Kulkarni, B. N.</i>	14.	<i>Smt. Shastree, T. S.</i>

APPENDIX G

INCOME AND EXPENDITURE

The following is the statement of accounts of the Institute for the year 1947-48:—

	Rs.	a.	p.		Rs.	a.	p.
Opening Balance	...	Nil		Postage	...	11	8 0
Donations	...	726	4 0	Office Expenses	...	9	5 0
Subscriptions	...	320	0 0	Loan to the School of Educational Research & Teaching	...	876	7 0
				Closing Balance	...	149	0 0
Total Rs.	1,046	4	0	Total Rs.	1,046	4	0

The following is the statement of accounts of the Institute for the year 1948-49:—

	Rs.	a.	p.		Rs.	a.	p.
Opening Balance on 1.4.48	149	0	0	Investment in G.P. Notes—3% Development Loan 1970-5 of the face value of Rs. 13,000	...	13,041	14 0
Donations	...	15,264	6 0	Office Expenses	...	968	9 6
Subscriptions	...	1,390	0 0	Postage	...	261	6 6
Fees for the Career Master's Class	...	730	0 0	Establishment	...	1,200	0 0
Contribution from the School of Educational Research & Teaching on account of Office Expenses	...	600	0 0	Furniture	...	360	15 0
Interest	...	75	0 0	Travelling Expenses	...	124	10 0
Miscellaneous	...	52	9 6	Nasik Survey	...	104	4 6
Suspense	...	2,056	2 6	Interest paid	...	75	0 4
				Career Master's Class	...	21	0 0
Total Rs.	20,317	2	0	Miscellaneous	...	3	12 0
				Loan to the School of Educational Research & Teaching	...	4,130	2 2
				Closing Balance	...	25	8 0
				Total Rs.	20,317	2	0

Income and Expenditure Account
(On Cash)

EXPENDITURE

	School of Educational Research & Teaching			Institute			Total		
	Rs.	a.	p.	Rs.	a.	p.	Rs.	a.	p.
To Establishment ...	8,470	0	0	1,200	0	0	9,670	0	0
„ Honorarium to M.Ed. Staff ...	6,405	0	0	.....			6,405	0	0
„ Travelling Allowance to M.Ed. Staff ...	870	0	0	.....			870	0	0
„ Postage ...	13	4	0	268	7	0	281	11	0
„ Printing, Stationery and Office Expenses ...	455	13	9	906	10	6	1,362	8	3
„ Travelling Expenses ...	15	0	0	80	0	0	95	0	0
„ Career Master's Class Expenses ...	.....			600	0	0	600	0	0
„ Book Distribution Scheme Expenses ...	.....			4	10	0	4	10	0
„ Subscription to Magazines, etc. ...	314	9	0	.....			314	9	0
„ Miscellaneous Expenses ...	217	4	9	.....			217	4	9
„ Typing, etc. of Educational Research Pamphlets ...	.....			161	0	0	161	0	0
„ Depreciation :—									
On Library ...	1,191	0	0	.....			1,191	0	0
On Furniture ...	227	0	0	32	0	0	259	0	0
On Psychological Laboratory ...	.....			35	0	0	35	0	0
„ Excess of Income over Expenditure during the year ...	89	8	6	.....			89	8	6
Rs.	18,268	8	0	3,287	11	6	21,556	3	6

for the year ended 31st March 1950

Basis)

INCOME

	School of Educational Research & Teaching	Institute	Total
	Rs. a. p.	Rs. a. p.	Rs. a. p.
By Subscriptions ...	.....	510 0 0	510 0 0
„ Fees for Career Master's Class ...	.....	130 0 0	130 0 0
„ Interest on Securities collected upto 14th October 1949 ...	.....	268 0 4	268 0 4
„ Grant from Government ...	2,000 0 0	.....	2,000 0 0
„ Miscellaneous Receipts ...	18 8 0	.....	18 8 0
„ Fees ...	16,250 0 0	.....	16,250 0 0
„ Profit on Sale of Books:—			
Sale of Books ...		548 14 3	
Stock of Books at Cost on 31st March 1950, as taken & valued by yourself ...		366 5 0	
		915 3 3	
Less Purchases of Books ...	.....	832 5 0	
		82 14 3	82 14 3
„ Excess of Expenditure over In- come during the year ...	.....	2,296 12 11	2,296 12 11
Rs.	18,268 8 0	3,287 11 6	21,556 3 6

Balance Sheet as

LIABILITIES	Rs. a. p.	Rs. a. p.
Sundry Creditors ...		315 0 0
Library Deposits ...		4,275 0 0
Other Deposits ...		1,210 0 0
General Fund:—		
Balance as per last Account ...	15,990 10 0	
Additions of Subscriptions from Life Members, Patrons, etc. during the year ...	13,621 0 0	
	29,611 10 0	
Income and Expenditure Account:—		
Balance as per last Account ...	5,281 11 8	
Less Excess of Expenditure over Income during the year :—		
Deficit of the Institute	Rs. a. p. 2,296 12 11	
Less Surplus of the School	89 8 6	
	2,207 4 5	
		3,074 7 3
		38,486 1 3
	Total Rs.	38,486 1 3

at 31st March 1950.

ASSETS	Rs. a. p.	Rs. a. p.
Furniture at cost:—		
Balance as per last Account ...	1,470 15 0	
Additions during the year ...	2,847 13 0	
	4,318 12 0	
Less Depreciation at 6% during the year written off ..	259 0 0	4,059 12 0
Psychological Laboratory:—		
Cost during the year ...	234 9 9	
Less Depreciation at 15% written off during the year	35 0 0	199 9 9
Library at cost:—		
Balance as per last Account ...	11,200 3 2	
Additions during the year ...	5,786 11 1	
	16,986 14 3	
Less Amount realised on Sale ...	1,101 1 9	
	15,885 12 6	
Less Depreciation at 7½% written off during the year	1,191 0 0	14,694 12 6
Advances and Deposits ...		949 2 0
Loan to the Indian Journal of Education ...		300 0 0
Investments at cost:—		
3% Government Promissory Notes of the face value of Rs. 17,000 ...		17,054 6 0
Closing Stock of Books at cost:— (As taken and valued by yourself) ...		366 5 0
Closing Balances on 31st March 1950:—		
In Current Account with Devkaran Nanjee Banking Company, Limited:		
	Rs. a. p.	
In Institute's Account	297 13 0	
In School's Account	374 3 9	
In Publication Account	35 3 3	
	707 4 0	
Cash on hand— School ...	155 14 0	
		863 2 0
Total Ra.		39,486 1 3

Income and Expenditure Account

(On Cash)

EXPENDITURE

	Institute			Publications Department			Total					
	Rs.	a.	p.	Rs.	a.	p.	Rs.	a.	p.			
To Establishment ...	21,995	0	0	.....			21,995	0	0		
„ Travelling Allowance to M.Ed. Staff ...	1,817	8	0	5	0	0	1,822	8	0			
„ Rent ...	750	0	0	.....			750	0	0		
„ Postage and Telegrams ...	664	7	6	20	0	0	684	7	6			
„ Lighting and Telephones to Local Self-Government Institute upto 31st December 1950 ...	404	6	6	.....			404	6	6		
„ Printing and Stationery ...	1,190	10	0	.....			1,190	10	0		
„ Binding Charges ...	.....			72	0	0	72	0	0		
„ Office Expenses ...	184	3	0	.....			184	3	0		
„ Career Master's Class Expenses ...	26	14	0	.....			26	14	0		
„ Subscriptions to Magazines ...	25	0	0	.....			25	0	0		
„ Psychological Laboratory Expenses ...	188	8	0	.....			188	8	0		
„ Office Room Repairs ...	1,060	14	0	.....			1,060	14	0		
„ Audit Fees for 1949-50 ...	100	0	0	.....			100	0	0		
„ Typing, etc. of Educational Research Pamphlets ...	155	8	0	130	0	0	285	8	0			
„ Expenses of First Conference of Training College (At Home Expenses) ...	292	4	0	.....			292	4	0		
„ Loss on sale of Securities ...	319	4	0	.....			319	4	0		
„ Miscellaneous Expenses ...	346	11	9	10	5	0	357	0	9			
„ Contribution to G. Korgaonkar Grantha Mala Fund ...	2,541	4	0	.....			2,541	4	0		
„ Contribution to N. Topivala Memorial E. Research Fund ...	1,000	0	0	.....			1,000	0	0		
„ Depreciation :—	Rs.	a.	p.									
On Library 7½% on	17,789	6	9	1,334	6	9	}	1,874	11	0		
On Furniture 6% on	5,746	14	6	344	14	6						
On Psychological Laboratory @ 15%	1,309	5	9	195	5	9						
	Rs.			34,937	1	9	237	5	0	35,174	6	9

for the year ended 31st March 1951.

Basis)

INCOME

—	Institute		Publications Department		Total	
	Rs.	a. p.	Rs.	a. p.	Rs.	a. p.
By Fees ...	20,395	0 0	.....		20,395	0 0
„ Grant from Government ...	6,000	0 0	.....		6,000	0 0
„ Subscriptions ...	375	0 0	.....		375	0 0
„ Interest on Securities collected upto 14th November 1950 ...	555	5 4	.....		555	5 4
„ Refund of Income-tax on Interest on Securities ...	159	11 0	.....		159	11 0
„ Supervision Charges (Charged to Books shown in the Balance Sheet) ...	186	0 0	.....		186	0 0
„ Forfeiture of Library Deposit ...	25	0 0	.....		25	0 0
„ Profit on Sale of Books:—						
Sale of Books ...	3,705	11 3	.....		
Less Cost of Sales—						
Opening Stock	Rs. 366	a. p. 5 0				
Purchases	2,856	1 3				
	3,222	6 3				
„ Miscellaneous Receipts ...	483	5 0	.....		483	5 0
„ Excess of Expenditure over Income during the year ...	105	0 0	.....		105	0 0
	6,652	12 5	237	5 0	6,890	1 5
Rs.	34,937	1 9	237	5 0	35,174	6 9

as at 31st March 1951.

ASSETS		Rs.	a.	p.	Rs.	a.	p.
Furniture at cost:—							
As per last Balance Sheet	...	4,059	12	0			
Additions during the year	...	1,687	2	6			
		5,746	14	6			
Less Depreciation at 6% during the year written off...		344	14	6	5,402	0	0
Psychological Laboratory at cost:—							
As per last Balance Sheet	...	199	9	9			
Additions during the year	...	1,109	12	0			
		1,309	5	9			
Less Depreciation at 15% during the year written off		195	5	9	1,114	0	0
Library at cost:—							
As per last Balance Sheet	...	14,694	12	6			
Additions during the year	...	3,094	10	3			
		17,789	6	9			
Less Depreciation at 7½% during the year written off		1,334	6	9	16,455	0	0
Advances and Deposits	...				1,879	6	0
Investments at cost:—							
3% Government Promissory Notes of the face value of Rs. 10,000	...				10,032	0	0
Closing Stocks at cost:—							
'Pracheen Bhartiya Vithdhyapithe' (1,000 Copies)...		2,046	8	0			
'Proceedings of the First Conference of Training Colleges of India' (470 Copies)	...	1,585	8	0			
Paper at cost	...	4,275	0	0	7,907	0	0
Closing Balances on 31st March 1951:—							
In Current Account with Devkaran Nanjee Banking Company, Limited:							
In Institute's Account	...	451	0	4			
In Publications' Account	...	3,353	15	6			
On Hand with Publication Department	...	125	0	0	3,929	15	10
Income and Expenditure Account:—							
Excess of Expenditure over Income of Institute	...	6,652	12	5			
Excess of Expenditure over Income of Publications Department	...	237	5	0			
		6,890	1	5			
Less Credit Balance as per last Balance Sheet	...	3,074	7	3	3,815	10	2
					50,535	0	0
	Rs.						

APPENDIX H
LIBRARY RULES

1. The Registrar of the Institute shall be the *ex-officio* librarian.
 2. The books may be consulted in the library with the permission of the Director by any one interested without payment of any fee.
 3. Books and periodicals may be borrowed and removed from library or requisitioned through post on addressing requisitions to the librarian by:—
 - (a) Members and students of the Institute; and
 - (b) Teachers of any school which has become a permanent member of the Institute.
 4. All persons desiring to borrow books shall make a deposit of Rs. 25 with the librarian before they can borrow books from the library. The deposit will be returned when the person notifies that he no longer desires to borrow books.
 5. A borrower who personally takes out a book will sign a requisition slip in the library and will thereafter be responsible for the book in the same way as is a borrower by post, and the same rules will apply to him.
 6. A borrower by post will send a written requisition whereupon the books will be sent to him.
 7. Borrower by post will bear the expenses of transit both ways.
 8. Not more than two volumes may be taken out at a time by one person.
 9. If the book requisitioned is not available, the applicant's name will be placed on the waiting list.
 10. A borrower on receiving a book or books by post should acknowledge their receipt on the acknowledgment form which will be enclosed with the book sent.
 11. No book may be kept by a borrower for more than 15 days at a time. This period will be exclusive of the time occupied in transmission to and from by post.
 12. On expiry of not more than 15 days from the receipt of a book, the borrower should return the book either by hand or through registered postal parcel at his own cost. Books returned by post must be securely packed.
 13. The responsibility for the books borrowed will rest with the borrower until he receives a letter from the librarian acknowledging their return.
 14. A borrower will be required to replace or pay for any book lost or damaged.
 15. Breach of any of these rules or the marking of these books may be followed by forfeiture of the borrower's deposit or such part of it as may be considered necessary by the Director or by the removal of his name from the list of sanctioned borrowers or both.
 16. Books marked "not removable" shall not be removed from the library.
 17. Any suggestions by readers will be welcome. Suggestions for new books should be made to the Director of the Institute.
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APPLICATION FORM

for membership of

**THE INDIAN INSTITUTE OF EDUCATION
BOMBAY**

RATES OF SUBSCRIPTION:

Patrons — Rs. 1,000 or more.

Life-Members — Rs. 100 or more.

Ordinary Members — Rs. 10 or more p.a.

To

The Chairman,
The Indian Institute of Education,
11, Elphinstone Circle,
Fort, Bombay.

Sir,

Please enrol me as a member of the Indian Institute of Education

as a Patron.
Life-Member. The membership fee of
Ordinary Member.

Rs.....is sent herewith by Cheque.
Money order.

Name (in block letters).....

.....

Designation.....

Address.....

.....

Date.....19

Yours faithfully,