

## Research Cells

The institute has two research cells - one for academic researchers doing research at Master and Ph.D. levels; and the other for researchers doing institutional and externally funded researches. The academic research cell is also open to the researchers outside the institute. It is equipped with thesis, research reports, survey reports prepared from time-to-time by the faculty members of the institute. These cells remain open beyond institutional hours.

## Library : Learning Resource Centre

The Institute has a well-equipped and well-managed Library and Learning Resource Centre with a huge e-library setup. Its collection covers about 72,000 print books and more than 2,00,000 online books across disciplines. The library also subscribes to about 130 print journals and 127 on-line journals, both Indian and foreign, and 08 International Databases. Besides subscribed e-books and on-line journals the library has access to a plenty of specialised Open Education Resources (OER). The Library is also member of renowned national and international library networks like, INFLIBNET, DELNET, etc. Members of the faculty and staff, students and research scholars of the institute, members of staff of Demonstration Multipurpose School and the participants of various programmes take advantage of the services made available by the library.

### Features of the Institute Library:

- Library automation on KOHA & D-space platforms
- Online books and journals
- Online Database – J-STOR, ERIC, Ebsco, SAGE e-resources, etc.
- Institutional Repository service
- RFID based book issue/return to library users
- N-List and DELNET Consortium services
- New Arrival service (Online)
- Library website on Joomla
- Wi-Fi internet service (online library materials)
- Library under CCTV Surveillance
- Current contents service (Online)

### Faculty

- Dr. P.K. Tripathy, Deputy Librarian

## Guidance and Counselling Cell

The Institute has a guidance and counselling cell to provide support to students in their carrier choices and to guide and counsel them on their various day to day personal and academic problems. Guidance and counselling expert are invited as per requirement. The cell also possesses good number of psychological test for diagnosis purposes.

## Educational Technology and ICT cell

The institute has an ET and two ICT cells equipped with various technology resources like desktop computers, Smart boards, LCD projectors, video recorders, camera, audio-video cassettes etc. A well equipped studio for development of e-content and video films is also the part of the institute.

## Demonstration Multipurpose School (DMS)

Demonstration Multipurpose School (affiliated to CBSE) came into existence in 1965 and is attached to the institute. This non residential school provided opportunities to the childrens of all sections of society from std. I to XII following a randomized computer draw system of admission.

The school serves as a laboratory for trying out innovative practices and preparation of by providing opportunities to the intern teachers to observe and participate in teaching learning processes in real classroom.

The school also runs a pre-primary centre, vocational course like I.T., I.Tes, Retail, Beauty and wellness and Mechatronics (in collaboration with Korean Research Institute for Vocational Education and Training (KRIVET), South Korea, Google collaborated classes, NCC (girls) Scout, Guide, Cub and Bulbul.

Setup of Atal Tinkering Lab with grant from Niti Ayog is in process.



## Facilities

- Academic Facilities**
  - Learning Resource Centre with access to International Database
  - Laboratories in Physics, Chemistry, Zoology, Botany, Mathematics, Geography, Psychology, Languages, Guidance & Counseling and Human Performance Laboratory and Plant Tissue Culture Laboratory
  - Auditorium
  - Playground and Gymnasium
  - STEAM Park
  - ICT
  - Studio
- Civic Facilities**
  - Dispensary (Health Centre)
  - State Bank of India
  - Post Office
  - Canteen
  - Cooperative Store
  - Electric Power Station
- Boarding Facilities**
  - Hostels for boys and girls
  - Guest Houses
  - Staff Quarters
- Supporting Sections/Facilities**
  - Establishment
  - Campus & Welfare
  - Accounts
  - Academic
- Cells**
  - Anti-ragging Squad
  - Committee Against Sexual Harassment
  - Campus Placement Cell
  - Tobacco Prevention Cell
- NCC and NSS (Girls and Boys)**

## Hostel Facilities

The Institute provides accommodation to the students of the pre-service teacher education programmes in the following five hostels (two for boys and three for girls).

1. Bharat Ratna Shri Atal Bihari Vajpayee Gyan Niketan Hostel
2. Gurudev Rabindranath Tagor Shanti Niketan Hostel
3. Swami Vivekanand Kirti Niketan Hostel
4. Dr. C.V. Raman Vinay Niketan Hostel
5. Bharat Ratna Dr. B. R. Ambedkar Vidya Niketan Hostel

All the hostels are situated in the institute campus. Discipline and character building are the main objectives of these hostels. A mess to serve food is attached to each hostel. Each hostel is managed by an elected hostel executive committee under the supervision and guidance of wardens of respective hostel.

## Location

The Institute is located at Shyamla Hills of Bhopal City at a distance of 20 Kms from Raja Bhoj International airport and about 7 Kms from Bhopal Railway Station.



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NCERT

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# क्षेत्रीय शिक्षा संस्थान, भोपाल

(राष्ट्रीय शैक्षिक अनुसंधान और प्रशिक्षण परिषद्)

श्यामला हिल्स, भोपाल - 462 002



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RIE Bhopal Official



## About the Institute

Regional Institute of Education (RIE), Bhopal is a constituent unit of NCERT, New Delhi, an apex body of Government of India (MHRD) working in the field of school education. The Institute caters to the educational needs of the Western Region comprising the states of Chhattisgarh, Goa, Gujarat, Madhya Pradesh, Maharashtra; and UTs of Dadra and Nagar Haveli and Daman and Diu.

The institute was setup in 1963 by the Government of India with the objective of bringing about improvement in the quality of school education through research innovations, developmental of learning resources and organisation of programmes for key educational functionaries including teachers, teacher educators and academic leaders.

## Vision & Mission

### Vision

Providing universal inclusive, value based and equitable quality education and creating a culture of excellence in teacher education for enabling the building of just equitable and a sustainable society and thereby contributing towards national development.

### Mission

- ➔ Developing humane teacher educators capable of nurturing students in rational thinking and action, possessing compassion and empathy, courage and resilience, scientific temper and creative imagination, with sound ethical moorings and values.
- ➔ Producing engaged, productive, and contributing teacher educators for building an equitable, inclusive, and plural society as envisaged by our Constitution.
- ➔ Fostering global competencies among students such as collaboration, problem solving, team work and promoting the use of technology with sensitivity towards digital citizenship.
- ➔ Motivating and hand holding in-service teachers through faculty development programs in content enrichment, pedagogy, 21st century skills, research in use of ICT in the teaching-learning process.
- ➔ Contributing to national development by serving the cause of social justice, ensuring equality and increasing access to higher education. Following the "Education for all" objective of the nation, through the reservation policy, every section of the society is given equal opportunity.

## Role and Functions

- ➔ To act as resource institute for conducting research, developmental activities and training in the areas pertaining to school education and teacher education.
- ➔ To act as monitoring and co-ordination agency for effective implementation of centrally sponsored schemes in the field of school education.
- ➔ To prepare quality teachers and teacher educators at all levels of school education through various pre-service courses i.e., four-year integrated B.Sc., B.Ed. & B.A.B.Ed., B.Ed., M.Ed., three-year integrated B.Ed.-M.Ed. and one-year Diploma Course in Guidance and Counselling, (DCGC), and in-service teacher training programmes.
- ➔ To undertake pilot studies and research projects on all aspects of school education.
- ➔ To conduct in-service training programmes for teachers, teacher educators, supervisors and administrators concerned with school education as per the needs of the States and UTs of the region.
- ➔ To act as support system for state agencies and institutions like RSK, SCERTs, DIETs, CTETs, IASEs, Block Education Centres in the Western Region.
- ➔ To develop instructional and supplementary learning material for school education and teacher education.

- ➔ To advise state departments of education on policies and programmes related to various aspects of school education.
- ➔ To provide consultancy and organise extension programmes at national and international levels.
- ➔ To develop need based digital learning resources like video films, e-content etc. using in house studio facilities and disseminate amongst stakeholders.

## Courses Offered

- ➔ Four-Year Integrated B.Sc. B.Ed. ➔ B.Ed.
- ➔ Four-year Integrated B.A. B.Ed ➔ One year Diploma Course in Guidance & Counselling (On-line-cum-face- to-face )
- ➔ Three-year Integrated B.Ed.-M.Ed.
- ➔ M.Ed.

## Principal

**Prof. Jaydip Mandal**

## Departments and Faculties

### Department of Education (DE)

The department provides training inputs into the pre-service and in-service teacher education programmes to meet the professional education components. Faculty members are specialized in the areas of Educational Philosophy, Educational Sociology, Educational Psychology, Inclusive education, Information and Communication Technology (ICT) Health and Physical Education, Art Education, Population Education, Curriculum and Evaluation, School Management and Planning, Teaching Skills and Strategies, Educational Research and Guidance & Counselling.

The department regularly organizes in-service training programmes for educational functionaries of the States and UTs of Western Region. The department also undertakes major responsibilities in the implementation, monitoring and evaluation of centrally sponsored programmes such as SSA, RMSA, ICT and NAS.

Several individual and collaborative research projects are undertaken by the faculty members in the major areas of school education and teacher education. Most of its faculty members are registered under the Barkatullah University, Bhopal for guiding doctoral research leading to Ph.D. degree in Education.

The department has a fully-equipped Psychology and Guidance and Counselling Laboratory for developing the skills required for administering and interpreting psychological tests for different levels and areas. The laboratory provides support to the research activities undertaken by its faculty members.

### Faculties

Dr. Ratnamala Arya, Professor and Head  
Dr. I.B. Chughtai, Professor  
Dr. B. Ramesh Babu, Professor  
Dr. Sanjay Kumar Pandagale, Associate professor  
Dr. N.C. Ojha, Associate Professor  
Dr. Saurabh Kumar, Assistant Professor  
Dr. Mahendra Barua, TGT (Physical Education)

### Department of Education in Science and Mathematics (DESM)

The Department of Education in Science and Mathematics undertakes the activities related to the improvement in science and mathematics education through applied and action researches. The faculties of the department are responsible for development of science and mathematics curricula and its implementation.

The Department of Education in Science and Mathematics comprises of five sections such as Physics, Chemistry, Mathematics, Botany and Zoology. Most of the faculty members of DESM are registered under the Barkatullah University, Bhopal for guiding doctoral research leading to Ph.D. in Science and Mathematics. Faculty members are also actively involved in conducting research in various areas of school basic sciences and mathematics. The faculties, besides undertaking research in Science Education, have established a strong base in research and innovative practices in Science Education.

All the sections have well-equipped laboratories with modern equipments and facilities for effective execution of practical components of the B.Sc. B.Ed. course. The Botany and Zoology section maintain well-represented museums with rare and unique specimens along with a green house and Plant Tissue Culture Laboratory.

### Faculties

Dr. Lalian Kumar Tiwari, Professor (Chemistry) and Head  
Dr. Jaydip Mandal, Professor (Botany)  
Dr. P. Kulshreshtha, Professor (Botany)  
Dr. Chitra Singh, Professor (Chemistry)  
Dr. Rashmi Singhaj, Professor (Chemistry)  
Dr. R. P. Prajapati, Associate Professor (Chemistry)  
Dr. Ashwini Garg, Associate Professor (Mathematics)  
Dr. Rashmi Sharma, Associate Professor (Chemistry)  
Dr. Daksha Parmar, Assistant Professor (Botany)  
Mr. Aji Thomas, Assistant Professor (Mathematics)  
Dr. Kalpana Maski, Assistant Professor (Physics)  
Mr. L.S. Chauhan, Assistant Professor (Physics)  
Dr. Shivalika Sarkar, Assistant Professor (Physics)  
Mr. Sandeep Ratnere, WET (Electrical)

## Department of Education in Social Sciences and Humanities (DESSH)

The department of Education in Social Sciences and Humanities undertakes the activities related to the improvement in social science subjects viz. Geography, History, Political Science, Economics, Commerce and Languages through development and researches. The faculties of the department are also responsible for development of curricula of various subjects under social science and languages. The faculty members of the DESSH are from the areas of Geography, History, Political Science, Economics, Commerce and Languages. The language unit of DESSH comprises of five languages: Hindi, English, Urdu, Marathi and Gujarati. The faculty members of DESSH are registered under Barkatullah University, Bhopal for guiding doctoral research leading to Ph.D. in various disciplines.

The department has a Geography Laboratory to facilitate learning among teacher trainees and in-service teachers. An arts Resource Center is the recent addition in the department. A multimedia multilingual language resource center is a special feature of the department. It is catenais to language learning of both pre service and in service teacher of western region.

### Faculties

Dr. Nidhi Tiwari, Professor (English) and Head  
Dr. Suresh Makwana, Assistant Professor (Gujarati)  
Dr. Shruti Tripathi, Assistant Professor (English)  
Dr. Soyhunlo Sebu, Assistant Professor (Geography)  
Dr. Sangeeta Pethiya, Assistant Professor (History)  
Dr. Arunabh Saurabh, Assistant Professor (Hindi)  
Dr. Ganga Mahto, Assistant Professor (English)

## Department of Extension Education (DEE)

The department organizes in-service teacher training programmes for educational functionaries at various levels in the western region. The department has the responsibility of looking after different extension programmes pertaining to research, development and training. It also has the responsibility of dissemination of the various schemes and activities of the institute, through seminars, conferences and workshops.

### Faculties

Dr. Praveen Kulshreshtha, Professor and Head  
Dr. Sarika C. Saju, Associate Professor