



विस्तार शिक्षा विभाग  
**Department of Extension Education**  
क्षेत्रीय शिक्षा संस्थान, अजमेर  
**Regional Institute of Education, Ajmer**  
**NAAC Graded A+ Institute**

**A Constituent Unit of NCERT (An Autonomous Organisation under  
Ministry of Education, Government of India), New Delhi**



## INTRODUCTION

The National Council of Educational Research and Training (NCERT) was established in 1961 by the Ministry of Education, Government of India to prepare quality teachers in Science, Humanities, Commerce, Agriculture and Technology. The NCERT has five Regional Institutes of Education (RIEs) as its constituent units located at Ajmer, Bhopal, Bhubaneswar, Mysore and Shillong.

The Foundation Stone of Regional College of Education, Ajmer was laid down in 1962 by Shri K.L. Shrimali, the then Education Minister, Government of India. Later, it was renamed as Regional Institute of Education (RIE), Ajmer in 1995. It looks after the educational interests of Northern Region comprising the states and UTs of Haryana, Himachal Pradesh, Punjab, Rajasthan, Uttarakhand, Uttar Pradesh, Delhi, Chandigarh, Jammu & Kashmir and Ladakh. It is affiliated to the M.D.S. University, Ajmer and its courses are recognized by the NCTE, New Delhi.

## DEPARTMENT OF EXTENSION EDUCATION (DEE)

The Department has the responsibility of looking after different extension programmes related to research, development of instructional material and training/ capacity building programme/ Seminars/ Conferences/ Consultation workshop/ Meets. The department caters the educational needs for 10 states/UTs of Northern region. It is responsible for liaising with the SCERTs and Department of Education of the States/UTs of the Northern region through a team of the state coordinators. The needs in terms of research, development and training are collected every year for academic support to the states and Institute for organized programmes, accordingly.

### ROLE PERCEPTION OF THE DEPARTMENT

The Department has the following role perception:

- Catering the educational needs to the states/UTs of Northern Region
- Extending need based academic support for In-service programmes pertaining to research, development and training to the states/UTs.
- Working as monitoring agency for implementation of centrally sponsored and national schemes related to NEP and NCF
- Undertaking researches envisaged in NEP 2020
- Developing approaches, strategies and guidelines for preparing instructional material
- Organizing programmes in collaboration with the state level educational authorities to find out interventions and strategies for improving the quality of school education.



*Hon'ble Governor Punjab and Administrator Chandigarh Sh. Banwarilal Purohit Ji Inaugurating consultation meet at Punjab University, Chandigarh*

- Organizing need based orientation programmes for strengthening faculties of DIETS/SCERTs and educational authorities of States/UTs.
- Liaising and communicating with the States/UTs, for participation in programmes as per the directions of the NCERT, such as; Yoga Olympiad, Learning Outcomes, programmes related to NEP2020 and National Curriculum framework.
- Undertake programme related to research, development and training activities. Preparing reports for the NCERT pertaining to all the PAC programmes, Including write-up for the Annual Reports of NCERT, monthly progress reports, mid-term progress reports etc.
- Collecting and compiling programme proposals for presentation in the meetings of IAB, Management committee and PAC, every year.
- Organizing Extension Lectures of Eminent Educationists and Expression Series on Eminent Personalities



Prof. Dinesh Prasad Saklani, Director, NCERT Inaugurating DLC meet for the state of Uttrakhand

- Providing platform for peer learning; Educational Trend (A Journal of RIE, NCERT, Ajmer)
- Facilitating theme based capacity building programmes, meetings, seminars, workshops and conferences organized by the Institute.
- The faculty members of the department are also engaged in teaching and academic activities with other departments of the Institute.

## **MAJOR EXTENSION ACTIVITIES OFFERED**

### **RESEARCH**

The Institute conducts research in the recent thrust areas of Curriculum Development, Teacher Education, Science Education, Vocational Education, ICT, ECCE, Environmental Educational and in the areas of national & regional priorities at various levels.

The major researches conducted by Institute in the last five years are below:

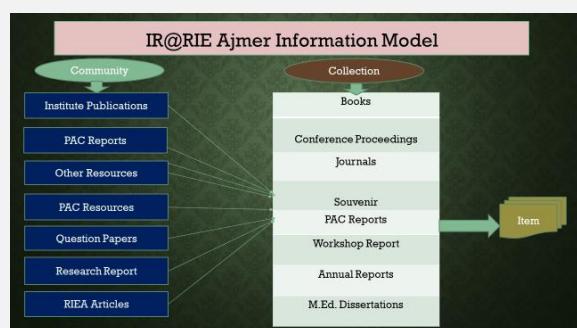
- Implementing interventions at Middle Stage: A Block Level Research study (2018-23)
- Study of Utilization and Impact of Transport Facilities in the Secondary Schools of UT Ladakh (2022-23)
- A Study of Competencies Developed Among, Teachers and Students by the Use of Online and Digital Resources in Schools of Northern Region (2022-23)
- A Study of Pedagogical Practices for Children at ECCE with reference to Foundational Literacy and Numeracy (2022-23)
- Learning gaps, challenges and innovations in primary education during COVID-19 (2022-23)
- A study of initiatives, strategies and best practices adopted for fostering the quality education during COVID-19 period for the states of northern region (2021-22)
- Impact of Science Kits on conceptual understanding of Science at Middle stage in schools of Hurda Block of Bhilwara District ((2020-22)
- A Study of Learning Resources including Simple Explicit Animation (SEA) Approach in Understanding the Concepts of Chemistry and Reaction Mechanism in Chemistry at Senior Secondary Level (2020-21)
- Augmented Reality (AR) based Mathematics Lab activities as a sustainable supplement to traditional at secondary stage ((2020-21)
- Learning Outcome of Children with Learning Disabilities: Exploring the determinants in Inclusive Classroom (2020-21)
- A status study of Rashtriya Avishkar Abhiyan (RAA) on promotion of Science for northern region (2019-20)
- A Study of Learning Resources in Understanding the Concepts of Stereochemistry and Reaction Mechanism in Organic Chemistry at Senior Secondary Level (2019-20)
- Study of Difficulties in Learning Chemistry among prospective Teachers of B.Sc.B.Ed. Programme (2018-19)
- Learning Outcome of Children with Intellectual Disabilities: Exploring the determinants in Inclusive Classroom (2018-19)
- Effectiveness of Flipped Classroom on the learning of Concepts of Physics at Senior Secondary level (2018-19)
- Effectiveness of ICT related material for teaching of physics at senior secondary level (2018-19)

## DEVELOPMENT

Under the development category, the approaches, strategies, and guidelines for teaching, preparing instructional material, training designs Modules and packages in specific school subjects are developed in workshop mode. The developed material is shared with the SCERT, DIET, educational authorities of the norther region and other institutions. Institute has developed an Environmental Education Theme park for pre-service and in-service teachers. It represents the biodiversity of the region.

The major developmental projects under the department are as follows.

- **Institutional Repository of Institute**
- **Environmental Education Theme Park**
- **"Development and Production of e-Resources"** for the School and Teacher Education Curriculum with special focus on developing e-content for PM e-vidya programme
- **"Muskurata Bachpan: Early Childhood Care Education"** in the light of recommendation of NEP 2020



## TRAINING

The department organizing need based orientation programmes in collaboration with the state level educational authorities for improving the quality of school education. The various training programmes on the recent thrust areas, such as ICT integrated pedagogy, Experiential Learning Strategies, Research methodology and Data analysis, Artificial Intelligence, Map Making Skills through GIS and GPS, implementation of ECCE in the light of NEP-2020 and attaining Learning Outcomes through ICT have organized for Teachers & Teacher educators, Educational administrators and other stakeholders of states/UTs of northern region.



Dr. Sudhir Kumar Mishra, Former Director General (Brahmos), DRDO during is extension lecture with students

The department organizes Manodarpan and Sahyog: Programmes on Mental Well-being of Ministry of Education SAHYOG. The department organized the theme based conferences, seminars, and consultation meets at regional and national level.



*Demonstration of NCERT Learning material 'Jadui Pitara'*

The major conferences/seminars/consultation meets are as below.

- National Seminar on Population Education (2022-23)
- Regional Conference on Toy-Based Pedagogy (2022-23)
- Consultation Workshop with Academic Institute of Higher education and Civil Society groups for the development of NCF (2022-23)
- District Level Consultations for the states/UTs of northern region development of NCF (2022-23)



*Release of Souvenir of National Seminar on population Education*

- Series of Policy-Linking workshop for setting of performance benchmarks for Grade 3 (2022-23)
- Regional Post NAS 2021 Intervention Workshop for the states/UTs of northern region (2022-23)
- Programmes on Implementation of New India Literacy Programme (2022-23)

- National Conference on Emerging Trends in Physics and Physics Education (NCETPPE-2022)
- National Conference on Indian Languages, Arts and Culture (2021-22)
- 8th National Conference on Teacher Learning in Mathematics (2019-20)
- National Conference on Language Pedagogy (NCLP-2019)
- Regional conference on Intellectual Property Rights (2019-20)
- National Seminar on Learning Outcomes (2018-19)

## Facilities of Department

### Resource Room

The Institute has resource room for displaying reports of the projects and programme of the institute. The reports of Institute major research projects completed, capacity building programme organized, material developed and other material have showcased. The learning teaching material of NCERT such as 'Jadui Pitara' and developed by the participants during the programme is also available at the resource room. The NCERT educational Kits of various subjects and levels have also displayed. The resource room is accessed by students, faculty and participants for various education needs.



Toys Exhibition at Resource room

### Seminar/ Conference Hall

The Institute has ICT equipped seminar/conference hall. The hall has a capacity of more than 125 participants. The available infrastructure, movable chairs and tables, are adjustable as per the need of the programme. The hall is equipped with projectors and sound system with internet facility. The hall is being used for organizing various programmes of the Institute.



*During capacity building programme at Seminar hall*

The detail of the faculty members of Department of Extension Education is available on <https://rieajmer.raj.nic.in/>

## CONTACT DETAIL

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