

e-newsletter

Regional Institute of Education, Ajmer



Message from Principal's Desk...



Prof. S. V. Sharma, Principal

The institute is bringing out its e-newsletter to share the academic activities of the Institute related to teaching, research, development and extension. This also provides information about the various activities pertaining to the states and union territories of Northern Region in respect to capacity building of key resource persons in different areas of school education as well as teacher education. The individual academic contributions of the staff in the form of paper presentations in conferences, seminars and publications are also included. The activities of DM School and news related to the staff members in terms of their promotions and retirement provide holistic view of the institute. I congratulate the team of the institute's News Letter and Magazine Committee for bringing out e-news letter of the Institute for the period from April 2021 to May 2022. It is envisaged to turn this e-newsletter of the Institute into an e-Journal which helps in providing a common platform to the students, teachers and other academicians to share their academic activities and learning experiences.

Institute News

Organizing National Webinar on National Education Policy 2020: Exploring Transformational Implementation in School Education



The Ministry of Education (MoE) has released the National Education Policy (NEP) 2020, laying down a path for the large-scale transformational reforms in both school and higher education sectors. Keeping all documental strategies for its effective implementation, a national level webinar was organized on April 26 & 27, 2021 in collaboration with the States/UTs of Northern Region. The webinar aimed to provide a platform for academic interaction with the eminent educationists in exploring transformational techniques and its implementation in school education as highlighted in the NEP 2020. More than 1000 participants including teacher educators, academicians, teachers of different subjects, research scholars, students etc. related to the field of education participated in the webinar. Experiential learning, Inquiry based learning, developing the critical and creative thinking about how to learn, integration of ICT in teaching-learning, multilingualism etc. were some of the major practices that most of the participants agreed to incorporate in their teaching pedagogy. They emphasized on implementing NEP at the grass-root level, prioritizing literacy and numeracy, thus, ensuring a qualitative change at pre-primary and primary level. It was unanimously accepted that major reforms in learning through art integrated education should be a part of the NEP's implementation. During the national webinar, 13 sessions on major themes of NEP-2020; Exploring transformational implementation: An overview of NEP 2020, Learning 'How to learn', Exploring transformations through 'Multilingualism and Power of Language', Research, Indian Languages, Arts and Culture, Experiential Learning and Holistic Development, Transformational Reforms in Assessments and Examinations in School Education, Online and Digital Education- Ensuring Equitable use of Technology, Implementation Strategies for Affordable and Quality School Education, Exploring Community Participation for School Improvement, Governance through School Complexes/Clusters, Equitable and Inclusive Education and Foundations of Learning: Literacy and Numeracy were organized. The major takeaways for the participants were to learn the idea of bringing NEP 2020 in the current education system with informative sessions, expert's knowledge and discussions, a roadmap showing the level of implementation and execution. Dr. Anand Arya, Associate Professor of Chemistry was the organizing secretary of the national webinar. The

recordings of national webinar may be watched at official YouTube channel of the institute (link <https://www.youtube.com/watch?v=a6CvLNryCcU&t=2s>)

National Conference on Indian Languages, Arts and Culture organized



Launching of Souvenir of the National Conference

A 3-Day National Conference on Indian Languages, Arts and Culture was organized by RIE, Ajmer through virtual mode from December 8-10, 2021. Prof. Anil Kumar Shukla, Vice Chancellor, MDS University Ajmer was the Chief Guest and Padmashri Chandra Prakash Deval was the Guest of Honour. The inaugural address of the conference was given by Prof. S.V. Sharma, Principal, RIE, Ajmer. There were 21 educationist and academicians from the field of language, arts and culture who delivered thought-provoking and enlightening lectures and session, intermittently followed by 79 paper presentations that were thoroughly discussed and deliberated in the Conference. The major issues that were highlighted in the conference were; significance of mother tongue, sign language, multilingualism, folk literature and art-integrated learning in education. It focused on Indianization of Indian Education and encouraged local language, dialects, culture and traditions through education. It was suggested that the curriculum must include basic arts, crafts, humanities, games, sports, language, literature, culture and values. The diversity of Indian culture, languages, folk literature and arts need to be adequately explored as an asset, and sustaining this diversity is our responsibility through the process of learning. During the Valedictory Session, the Chief Guest was Shri Om Thanvi, Vice Chancellor, Haridev Joshi University of Journalism and Mass Communication, Jaipur. Prof. S.V. Sharma, Principal, RIE, Ajmer also gave the valedictory speech on the successful completion of the event. Dr. Saryug Yadav, Professor of English, was the organizing secretary of the national conference. The recordings of national conference may be watched at official YouTube channel of the institute (link <https://www.youtube.com/watch?v=1MV2DfAedLA>).

National Conference on Emerging Trends in Physics & Physics Education (NCETPPE-2022) organized

National Conference on Emerging Trends in Physics & Physics Education was held at Regional Institute of Education on February 27, 2022 and February 28, 2022 in virtual mode. This conference provided a platform for teachers, researchers, students and teacher educators associated with Physics & Physics Education to share their researches, experiences, innovative practices and ideas and its impact in improving the quality of Physics

education. The conference began with the inaugural address of Prof. S.V. Sharma, Principal, Regional Institute of Education, Ajmer.



The major highlights of the event were the keynote addresses by eminent speakers namely Prof. Ajoy Ghatak, Dr. Krishan Lal, Prof. C.K. Ghosh, Dr. R.G. Sharma, Prof. A.K. Tyagi, Acharya Agnivrata Naishtik, Prof. S.V. Sharma, Prof. H.C. Jain, and Prof. Shashi Prabha. The two-day Conference focused on varied themes such as - Experiments in physics-past practices and emerging trends, Sustaining learners interest in physics, Resources for physics education, ICT for quality physics & physics education, Learning outcomes with special reference to physics, Innovative pedagogies for effective teaching learning of physics, Evaluation in physics - past & present practices and future perspectives, Physics and skill development, Alternative frameworks in physics, Physics, technology and society perspectives, Advanced and smart materials, Interface of physics with other branches of science, Technology use and integration in physics and physics education, Online and digital education: ensuring equitable use of technology in teaching-learning of physics and physics education, Experiential learning in physics education, Sports integration in physics and physics education, Art integrated approach for teaching learning of physics and physics education etc. Nine keynote addresses were held on diverse topics of Physics and Physics Education by eminent speakers. Research papers were received from every nook and corner of the India. Review committee recommended 79 research papers for presentation in the conference, out of which 65 participants presented their work during 10 different technical sessions. The event concluded with the valedictory remarks of Prof. S.V. Sharma, Principal, RIE, Ajmer. Dr. Ved Prakash Arya and Dr. Rana Pratap were the Organizing and Co-Organizing Secretary of the Conference. The recordings of national conference may be watched at official YouTube channel of the institute (link <https://www.youtube.com/watch?v=VJiTqNCcVa4>).

Celebrating One Year of National Education Policy 2020

The National Education Policy 2020, released in July 2020, is the first education policy of the 21st century and is aligned to the 2030 Agenda for Sustainable Development Goals (SDG4). It aims at transforming school education and teacher education in India. On completion of one year of NEP 2020, Hon'ble Prime Minister has launched the programmes on July 29, 2021 and addressed the dignitaries through video conference. The Government launched some important initiatives such as Academic Bank of Credit, Multiple Entry/Exit in Institutions of Eminence (IOEs), first year of teaching Technical Courses in Regional Language as a subject, NISHTHA 2.0, Structured Assessment of Analysing Learning Levels (SAFAL), Artificial Intelligence website for public awareness, National Digital Education Architecture (NDEAR) etc. and organized a series of theme-based webinars on different aspects of NEP 2020. In this context, the Institute also organized post-webinar activities such as discussion and deliberation, centered on the following themes:

- NEP-2020: Curricular Integration of Essential Subjects, Skills and Capacities on June 23, 2021 by Ms. Ranjan Nagar
- NEP 2020: Curtailing Dropout Rate and Ensuring Universal Access to Education at All Levels on July 7, 2021 by Mr. Sanjay Kumar

क्षेत्रीय शिक्षा संस्थान, अजमेर
शिक्षक पर्व -2021
(5 सितंबर- 17 सितंबर)

Diploma Course in Guidance and Counselling - 2021

विद्यालयी बच्चों के लिए वेबिनार एवं कैरिअर प्रदर्शनी का आयोजन

गूगल मीट लिंक: <https://meet.google.com/wsz-qxix-gig>

दिनांक- 16/09/2021
दिन- गुरुवार
Time: 11.30 a.m onwards

अतिथि वक्ता : डॉ. दया पंत
अध्यक्ष प्रोफेसर एच. वी. एस. शर्मा

प्रोफेसर एच. वी. शर्मा प्राचार्य

श्री. श्री. डॉ. एस. डी. शिवप्रसाद, वी. डी. शर्मा

Webinar cum Exhibition on career counselling

Shikshak Parv was inaugurated on September 7, 2021 on the theme “Quality and Sustainable School: Learning from Schools in India” to mark the completion of one year of NEP 2020 and to felicitate teachers, professors, academicians, policymakers, and others who have contributed to in the area of education and the successful implementation of the policy. The Institute organized a Webinar cum Exhibition on career counselling. The students of DCGC made their presentations and the webinar was attended by students of various schools of the Northern Region. Also, Prof. Daya Pant delivered a lecture on career opportunities.

- NEP 2020: Role of Life Skills in School Education on July 14, 2021 by Mr. Manish Agarwal
- NEP 2020: On line Education and its Challenges on July 28, 2021 by Dr. Sunita
- Innovative Teaching Practices and Experiential Learning in reference to NEP 2020 on August 25, 2021 by Dr. Samia Hamid
- Adult Education and Lifelong learning and Context with NEP 2020 on September 8, 2021 by Ms. Bhavana
- Curriculum and Pedagogy in schools with references to NEP 2020 on October 13, 2021 by Dr. Rameshwari Sharma

Independence day celebrated



The Independence day of the nation was celebrated on 15th August 2021 at RIE campus with full fervour and zeal by the students and staff members of the RIE and DMS. On this occasion, the Principal of the Institute Prof. S. V. Sharma hoisted the national flag and address the gathering. A plantation programme was also organized, spreading the message of green and safe environment. The institute faculty and staff participated in plantation in the institute campus. The function may be watched at official YouTube channel of the institute (link https://www.youtube.com/watch?v=_7D-GkhQ16I).

Publication of Educational Trend (A Journal of RIE, NCERT, Ajmer)

The Institute is publishing its journal ‘Educational Trend (A Journal of RIE Ajmer)’ for disseminating, facilitating, sharing and documenting the researches in education. The journal provides a platform for the researchers and States/UTs departments of the region to participate, share and publish research work. Two special issues have been edited and finalized for the publication. Prof S. V. Sharma is the Chief Editor of the Journal and Prof. Rajesh Mishra and Prof. P.K. Chaurasia are its coordinators. For publishing quality research papers, the manuscript should be sent to ‘Editor, Educational Trend (A Journal of RIE, NCERT, Ajmer).

Republic day celebration



The Institute celebrated India's 73rd Republic Day on January 26, 2022 with great enthusiasm. The function was attended by students, staff members and their families and DMS fraternity. On the occasion, Prof. S. V. Sharma, Principal of the institute hoisted the national flag and addressed the gathering. On this auspicious occasion, a plantation programme was organized, spreading the message of green and safe environment. The function may be watched at official YouTube channel of the institute (link <https://www.youtube.com/watch?v=ERVIFPdSgh0>)

Extension News

Research Projects

Implementing interventions at Middle School Stage: A Block Level Research

For implementing need-based interventions at block level and to see its effectiveness, the institute has been conducting a research study in 167 schools of Hurda Block of Bhilwara District of Rajasthan from the year 2018-19 to present. The block has been selected on the basis of performance of district in the National Achievement Survey-2017. For planning the need based interventions, the training needs of teachers and teacher educators have been assessed through the need assessment tool developed on the basis of their subject specific needs, and particularly to improve the low performing areas of district as reported in NAS-2017. The learning levels and development of competencies amongst the students of the block were tracked using test items based on Learning Outcome (LOs) by baseline assessment survey organized on March 29-30, 2019. The results of baseline assessment survey have been assessed and analyzed as per the needs of the study. The performance of students in the achievement of attaining the learning outcomes were presented class wise in the order low performing to high performing order to block wise, panchayat wise and school wise. The interpreted results were also analyzed and compared categorically with respect to rural and urban, gender and CWSN. The low performing learning outcomes have been shared with the block officials, Panchayat Elementary Education Officers (PEEOs) and School Heads and all school teachers of the block. On the basis of the assessed learning levels of students and teachers' need assessment data, the need-based interventions (training and onsite support) are being imparted using Art Integrated Learning (AIL) and School Based Assessment (SBA) through

- Organization of capacity building programme for the all the teachers and school heads every year on various themes on attaining learning outcomes.
- The low performing Learning Outcomes (Los) reflected in the baseline assessment of students are improved using Learning Outcome posters in teaching-learning.

- Providing platform for learning and sharing experiences in form of an APP “Interventions at Block level”
- Promoting teacher circles on Art Integrated Learning for promoting peer-learning;
- Community- Sensitization & Engagement by working with community programme and career counselling exhibition by the students of the institute.
- Monitoring and follow-up by Core Team of NCERT

Art Integrated Learning (AIL) Interventions

- The level specific learning outcome of the students are being improved through Art Integrated Learning (AIL) activities
- Integration of Art is being used as pedagogical tool for activating students' interest, engagement and participation in classroom context
- The performing art forms; 'storytelling, drama, chanting poems and rhymes, skit, situational ice breakers and challengers' is providing an opportunity for every learner to participate and express themselves with enhanced confidence, communication skills and attitude.

★ Scan QR Code to watch video

The implemented quality interventions have changed the classroom processes in the schools for attaining level specific LOs. The findings of the case studies (03) have reflected the effectiveness of implemented interventions in terms of student engagement and participation. The personal dialogue and rapport of the faculty members with different stakeholders of the school, have encouraged them to improve the academic and infrastructural environment of the school. This sharing platform and circles has given an opportunity for teachers to share their practices. The need based quality interventions will guide for planning interventions at national level for the holistic development of learners at the middle stage. Prof. S. V. Sharma, Principal, RIE Ajmer is the Principle Investigator (PI) and Dr. Anand Kumar Arya, Associate Professor of Chemistry, is the Co-Principle Investigator (Co-PI) of the research study.

Impact of Science Kits on conceptual understanding of Science at Middle stage in schools of Hurda Block of Bhilwara District

The impact of Science Kit on conceptual understanding of science at the middle stage in 10 schools of Hurda Block, Bhilwara District was identified. It revealed a significant improvement in the conceptual understanding of the subject by the use of science kit. Among the 250 students, the correct responses in pre-test was 44.2%, which

increased to 52.8% in the post test. Some schools showed remarkable improvement after introducing science kit in the science learning. Govt. Upper Primary School, Pardodas jumped from 30.3% to 81.7% in terms of correct responses. Govt. Sr. Sec. School, Hurda also improved from 39% correct responses to 78.5% correct responses. The kit helped students in understanding science concepts in a better way. Teachers were of the opinion that kits serve as the key tools in developing students' interest in science learning.



Interactions during the training on kits

The study reveals that integration of science kit with instructional strategies helps in developing a conceptual understanding of science. The use of science kit in teaching-learning is a viable option for attaining level specific science curricular. Dr. A.K. Nainawat, Dr. O. P. Meena and Dr. V. P. Arya were the Investigators of the research study.

A study of initiatives, strategies and best practices adopted for fostering the quality education during COVID-19 period for the states of northern region



Project Investigators interacting with the students

The research study highlighted the various initiatives (digital/ non-digital/online/ offline/ distance/ alternative ways of schooling), and their effectiveness by interaction with more than 18903 students, 8438 parents, and 2270 teachers of the states of northern region. The effectiveness of initiatives in attaining objectives such as catering the need, context, accessibility, the overall reported responses of teachers were 56% for online, 61% for offline and 55% for

blended. Only 52% of teachers believed that the planned initiatives met the students' needs and have the scope for the development of 21st-century skills. Regarding the NCERT initiatives, 56% of teachers have utilized Alternative Academic Calendar (AAC), 36% followed the Live sessions at SWAYAM Prabha, 41% utilized the NCERT's OERs and e-Content and 72% adopted NISHTHA for their teaching-learning. Among the students, 42.5% feel it is easy to learn through online classes, 32.9% think it inspires them to learn more through online classes, and only 15.5% found it interesting. The lack of internet connectivity / digital gadgets, as well as lack of parental support, limited teacher response and proper training of teachers were some of the major challenges that were reported. The findings of the study help to explore the suitable implementation strategy for online and digital mode for sustainable learning expressed in the NEP-2020, along with framing alternative modes of learning not only in the times of pandemic but also in normalcy. Dr. Anand Kumar Arya, Dr. O. P. Meena and Dr. Ved Prakash Arya are the Investigator of the research study.

Muskurata Bachpan": An Early Childhood Care Education (ECCE)



Interactive demonstrations with students

The early childhood years are the period of the greatest and most significant developments in a person's life and are generally regarded as the foundation upon which the rest of his/her life is constructed. As a part of research-based implementation strategy, the institute has undertaken a lead role by carrying out a research project "Muskurata Bachpan, an Early Childhood programme to prepare the students, in the age group of 3 to 5 years to become a part of learning process before joining the mainstream of education. For the current academic sessions, the enrolled pre-primary students interacted in virtual as well as regular class mode. For the project, ICT enabled well-equipped attractive classrooms with adjustable sitting, library, activity rooms, puzzle and puppet corner and music rooms and playground were available. Different educational methods like play way method, storytelling method, and learning while doing were used for the pragmatic & continuous development of students. The learning progress of pre-school children was critically analyzed, and collaborative initiatives were adopted for improvement. These initiatives were then shared with parents on a regular basis. Dr. Rajeev Ranjan, Assistant Professor was the coordinator of the project.

Training

During the session 2021-22, the Institute organized the need-based training programme for all the stages of school education in different subject in virtual and face to face mode for the participants of states/UTs of northern region.

Title of the Programme	Venue & dates	No. of Participants	Name of Coordinator
Capacity building of KRPs in Map Making Skills through GIS and GPS	Venue: RIE, Ajmer (Virtual Mode), Date: Nov 8-12, 2021	73	Dr. Albert Horo
Capacity Building of SRGs on the use of Learning Outcomes through ICT integrated pedagogy in teaching of Physics	Venue: RIE, Ajmer (Virtual Mode), Date: Jan 17-21, 2022	55	Dr. Rana Pratap
Capacity Building of State Resource Group (SRGs) of Northern Region on the use of Learning Outcomes through ICT integrated pedagogy in teaching of Chemistry, Mathematics and Life Sciences.	Venue: RIE, Ajmer (Virtual Mode), Date: Jan 17-21, 2022	239	Dr. O. P. Meena (Chemistry), Dr. A. K. Gupta (Life Science) Dr. Patanjali Sharma (Mathematics)
Capacity Building of SRGs (State Resource Groups) on implementation of ECCE in the light of NEP2020	Venue: RIE, Ajmer (Virtual Mode), Date: March 7-11, 2022	22	Dr. Rajeev Ranjan
Capacity building programme for the upper primary teachers (L2) of Science and Maths on attaining subject specific Learning Outcomes (LOs) for the block level research in virtual mode	Venue: RIE, Ajmer (Virtual Mode), Date: Nov 22, 2021 to Dec 04, 2021	67	Dr. Anand Arya
Capacity building programme for the upper primary teachers (L2) of Social Sciences and Languages on attaining subject specific Learning Outcomes (LOs) for the block level research in virtual mode	Venue: RIE, Ajmer (Virtual Mode), Date: Dec 13-23, 2021	105	Dr. Anand Arya
Capacity building programme for primary teachers of Hurda block on attaining subject specific Learning Outcomes (LOs) for the block level research in virtual mode	Venue: RIE, Ajmer (Face-to-face), Date: March 9-11, 2022.	41	Dr. Anand Arya
Capacity building program for teachers teaching in Madarsa for enhancement of quality education	Venue: RIE, Ajmer (Face-to-face), Date: December 20 24, 2021	40	Dr. Muzammil Hasan

Development and Other Activities

Developing Institutional Repository of the Institute



Digital Information Kiosk

The institutional repository is an online archive for collecting, preserving, and disseminating digital copies of the intellectual output of an institution, particularly a research institution. Its major objective is the preservation and long-term access to the institute's Intellectual contents. The project of developing the Institutional Repository of RIE Ajmer was initiated in the year 2019. The IR has been developed using Dspace software supported by adequate hardware and human resources. The digitized research projects, report, training and orientation outcomes, reports, student dissertations, faculty research achievements and other documents are being disseminated to promote wider access and visibility of the institute's scholarly content. The library has also enriched their services by providing access to OPAC, institute repository, current content, subscribed journals & newspapers, book requisition, user guide and institute website through QR Code. In the current session the metadata of 784 documents were updated. 53 publications and 297 pages were uploaded. 618 pages were run for OCR. Dr. B. K. Jha, Deputy librarian is the coordinator of the project.

Development and Production of e-resources for the school and Teacher Education Curriculum

The Institute has developed 53 e-contents (audio/video) under the PM e-vidya digital education programme for classes VI, XI-XII (Physics & Chemistry) in the session 2021-22. These programmes are prepared keeping in view pedagogical and content enrichment of teachers and teacher educators. Dr. R.B. Pareek, Professor of Chemistry is the coordinator of the programme.

Developing Environmental Education Theme Park

The institute has developed and projected an environmental theme park for strengthening the biodiversity and environment-based school education programmes. For this, the institute's Environmental Theme Park maintains the various ecosystems, medicinal plant conservatory, a center for non-conventional source of energy, a green house, conservation of water and soil and organic farming. To sensitize and create awareness for the various environmental issues, workshop on development of activities related to environmental issues has been organized. The major theme of the workshop is 'Heal the Nature' with various sub themes related with current environmental issues. An e-Webinar on awareness among the prospective teachers on environmental issues and concerns has also been organized wherein the eminent speakers from various fields delivered their lectures on burning issues of environment. Dr. O. P. Meena, Assistant Professor is the coordinator of the project.

Developing Language Lab of Institute

The institute has developed a language lab for promoting language learning. For the development of the language lab, the manual has prepared in various workshops. The manual is designed on the specified guidelines composing the content/practice-based content, plagiarism avoidance, language, duration and features. The developed

manuals focused on theoretical and practical aspects with LSRW and grammar has transacted among the pre-service teachers of the institute. Dr. Ranjana Nagar, Assistant Professor is the coordinator of the project and Dr. Albert Horo is the in-charge of the language lab.

Developing Mathematics Lab of Institute

The institute has developed the mathematics lab with an aim to develop problem solving reasoning, creativity skills and interest among the students. In this regard, the brief write-ups for mathematical activities have been prepared covering multiple topics such as solving the problem of money in daily life by using mathematical operations, verifying Euler's relation through the pattern, solving problems in daily life situations involving the addition of fractions, identifying various (3-D) objects like sphere, cube, cuboid, cylinder, cone from the surroundings and many more. The lab exhibits the models of level specific LOs. Dr. P. K. Chaurasia, Professor of Mathematics is the coordinator of the project.

Extension Lectures of Eminent Educationists

The programme is planned to invite Eminent Educationists to deliver extension lectures to the students and Faculty of RIE and DMS Ajmer on different occasions, covering different aspects of education. For the session 2021-22, the lectures through virtual mode followed by interaction between the audience and the speakers were organized.

Title of Extension Lecture	Name of Speaker	Date of Lecture
'National Education Policy-2020' on the occasion of 61 st foundation day of NCERT.	Prof. Saroj Yadav Retd. from NCERT	September 1, 2021
'Gandhian Ideology - A road map to humanity' on the occasion of Gandhi Jayanti	Prof. Dinesh Gupta Retd. from SPGCA	October 2, 2021
'Forest & Livelihood: Sustaining People & Planet' on the occasion of Wild Life week celebration.	Dr. Rajkumar Samant	October 4, 2021
'Roles & Responsibilities of Teacher Education Institutions in the light of NEP 2020' on the occasion of foundation day of the Institute.	Prof. H.C. Jain Retd. from the Institute	October 30, 2021
'Ideologies of Sardar Vallabhbhai Patel: A Road Map to National Unity' on the occasion of National Unity Day.	Sh. Satnam Singh Addl. S.P., ACB, Ajmer	October 31, 2021
'Adult Education in the Light of NEP 2020' on the occasion of National Education Day.	Ms. Irina Garg, I.R.S. Chief Commissioner of Income Tax, Udaipur	November 11, 2021
'आजादी का अमृत महोत्सव भारतीय संविधान की प्रस्तावना में व्यक्त आदर्श' on the occasion of National Constitutional Day.	Dr. S.D. Mishra Govt. College Ajmer	November, 26, 2021
'Work and Life of Sir C.V. Raman	Dr. S.V. Sharma, Prof. Physics, Principal RIE Ajmer	Feb 28, 2022

Student Activities

Students Internship and Field Attachment Programme

As an integral part of the teacher education programme, the students and prospective teachers, who are enrolled in various courses; B.A.B.Ed., B.Sc.B.Ed. and B.Ed are educated and trained for professional efficiency. All the students of different pre-service teacher education programmes were placed in 18 schools of Ajmer, Rajasthan. During the programme, for the first two weeks, they were oriented about the need and importance of internship programme and further oriented about various skills required in actual classroom situation from 8th February 2021 to 8th May 2021 in face to face and online mode. The students were also oriented on skills of internship, their roles and functions as interns and field assignments. The M.Ed. students of institute got their internship and filed attachment at Government Institute of Advanced Studies in Education, Ajmer and Haribhau Upadhyay Teacher's College for Women, Hatundi, Ajmer from 8th February 2021 to 6th March 2021. Prof. Ayushman Goswami, Prof. Ram Babu Pareek and Dr. Meenakshi Meena were the coordinators of the internship. The Covid-19 pandemic has influenced all the major sectors of education bringing changes in various academic activities. The internship in teaching programme for the session 2021-22 was organised in a blended mode. The trainees were placed in government, private schools all around Ajmer city keeping in view the pandemic situation. Internship conference for school heads and cooperative teachers was also organised in the online mode and external members from administration of the cooperating schools were also invited. Various sessions were organised in blended mode where important aspects of the internship was taught. These sessions were followed by interaction with pupils. Details of number of students/pupil Teachers placed and completed the Internship

Programme	Number of Pupil Teachers	Number of Cooperative School Participated	Duration of placement of students in schools
B.Sc.B.Ed.-IV	92	19	29 th Nov
B.A.B.Ed.-IV	45		2021 to 25 th
B.Ed.-II	93		Feb 2022
M.Ed.-II	28	Field attachment in TEIs	29 th Nov 2021 to 29 th Dec 2021

Institute students working with community programme

The institute organized 'working with community programme' with an aim to provide a platform to students wherein they can demonstrate the activities for establishing a link with community, interaction with community stakeholders (parents, SMC/SDMC, villagers) along with teachers and students and to make them aware about the various government schemes in the field of education. For the session 2021-22, the programme was organized in virtual mode from Jan 05-14, 2022. The 95 students from B.Sc. B.Ed. II year and 55 students from B.A. B.Ed. II year participated in a virtual mode. In the programme, major emphasis was on the role of National Education Policy, 2020 and the development of community in a holistic manner. During the programme the eminent personalities, Dr. J. L. Meena, Joint Director and Division Head, PMJAY, Government of India interacted with the

students on “Key Practices and Best processes of Ayushman Bharat Yojana”. Prof. Ashok Kumar Chaudhary, Former Principal, JLN Medical College, Ajmer, Sister Rupa of Brahmakumari Seva Kendra, Ajmer and faculty of the institute delivered sessions and interacted with the students.

7th International Yoga Day celebrated



The students of the institute celebrated the 7th International Yoga Day on 21st June 2021 in virtual mode. Prof. S.V. Sharma, Principal, RIE, Ajmer gave the inaugural address of the session and welcomed the Chief Guest for the event. There were demonstrations of Yoga exercises (asanas) for improving the physical, mental, emotional and spiritual health. The students and staff performed the Yoga Asanas at their respective places. On this occasion an interactive panel discussion on ‘Yoga for well-being’ was also organized.

Teacher’s Day Celebrated

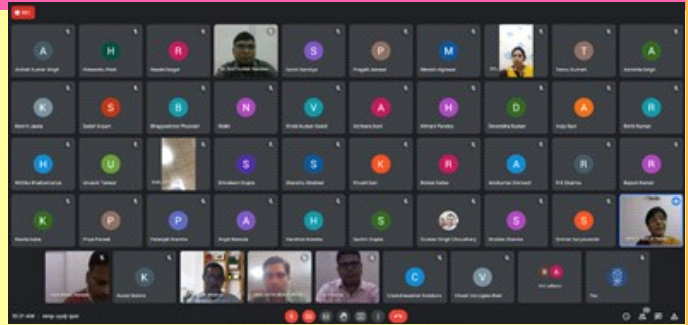


The students of the institute celebrated Teacher’s day on September 05, 2021 paying tribute to Dr. Sarvepalli Radhakrishnan, former President of the country and a visionary educator. On this occasion, an online lecture on ‘National Education Policy 2020: Teacher and Teacher Education Programme’ was organized. Prof. S.V. Sharma, principal of institute welcomed and introduced the Chief Guest and speaker of the session Prof. A.K. Mishra who gave the important and valuable insights of the NEP 2020. The session concluded with the valedictory remarks by Prof. Rajesh Mishra, Dean of Instructions, who thanked the speaker for his sharing his valuable time and experience with the participants. Dr. Anil Nainawat, Chief student advisor coordinated the celebration.

Gandhi Jayanti Celebration and Swacchata Abhiyan

The institute celebrated Gandhi Jayanti on Oct 02, 2021 in blended mode. On this occasion, the institute organized an online extension lecture on ‘Gandhian Ideology: A Road Map to Humanity’ by Dr. Dinesh Kumar Gupta, retired faculty, Government College, Ajmer. Dr. Anil Nainawat, Chief student advisor coordinated the celebration.

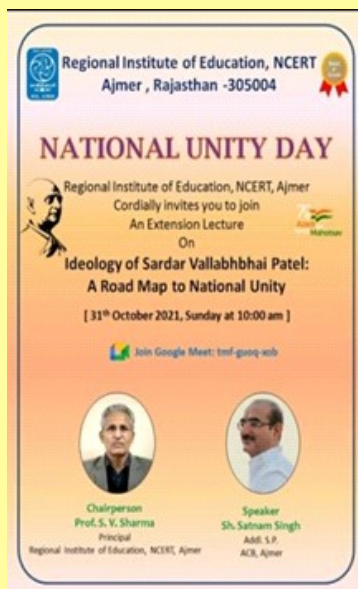
Celebration of 61st Foundation Day of NCERT



Plantation and Online lecture on NEP 2020 on the occasion of 61st Foundation Day of NCERT

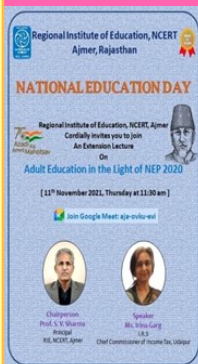
The Institute celebrated 61st Foundation Day of National Council of Educational Research and Training - NCERT on 1st Sept. 2021. On this occasion, an online lecture on National Education Policy 2020: Roles and Responsibilities of NCERT was delivered by Prof. Saroj Yadav followed by plantation drive by the faculty, staff and students.

Rashtriya Ekta Diwas Celebrated



The Institute celebrated Rashtriya Ekta Diwas on Oct 31, 2021. On this occasion, Shri Satnam Singh delivered an online extension lecture on 'Ideology of Sardar Vallabhbhai Patel: A Road Map to Unity'. The celebration commenced with Rashtriya Ekta Diwas Pledge, Administered by Prof. S. V. Sharma, Principal of the Institute. The lecture was followed by plantation in the campus. Dr. Anil Nainawat, Chief student advisor coordinated the celebration.

National Education Day Celebrated



The Institute celebrated National Education Day on November 11, 2021. On this occasion, an online extension lecture by Ms. Irina Garg, on the topic 'Adult Education in the light of National Education Policy 2020' was organized. Prof. S.V. Sharma, Principal, RIE, Ajmer, gave the inaugural address, welcoming the Chief Guest and speaker of the session Ms. Irina Garg, I.R.S. Chief Commissioner of Income Tax, Udaipur. Dr. Anil Nainawat, Chief student advisor coordinated the celebration.

Other Activities

- Celebration of Dr. B.R. Ambedkar Jayanti (April 14, 2021)
- Celebration of World No Tobacco Day (May 31, 2021)
- Celebration of Constitution Day (November 26, 2021)
- Celebration of National Youth Day 2022 (January 12, 2022)
- Celebration of Wildlife Week (October 04-10, 2021)
- Celebration of National Science Day (February 27-28, 2022)
- Workshop on Different Projects on Environmental Concerns (March 02-04, 2022).
- Webinar on Environmental Issues and Concerns (07-08, March, 2022)

Faculty Achievements

Paper/articles published

- **Arya, A.K.**, (2022) A Mini Review on Functionalized Ionic Liquid Immobilised Magnetic Nanoparticles promoted One- Pot Domino Synthesis of Diverse heterocyclic systems, *Mini Reviews in Organic Chemistry*, **19**, DOI: 10.2174/1570193X19666220413104920.
- **Arya, A. K.** (2021) Implementing Art-Integrated Learning to activate students' interest, engagement and participation in the classroom context: Reflection on Augmented Learning, *Online International Interdisciplinary Research*, 11(04), 1-6.
- **Chaurasia, P.K.**, (2021) Using Information and Communication Technology for Quality Mathematics Teaching, *School Science*, **54 (2&3)**, 61-7.
- **Gupta, A.K.**, (2022) The Oxidative Phosphorylation in the Course of Study Related to the Biological Science at Various Level, *International Research Journal of Innovations in Engineering and Technology (IRJIET)*, **6(3)**, 49-52, 21581-3048
- **Gupta, A.K.**, (2022) The Metabolism in the Course of Study Related to the Course of Study Related to the Biological Science at various Level, *International Research Journal of Innovations in Engineering and Technology (IRJIET)*, **6(1)**, 124-128, 2581-3048.
- **Gupta, A. K.**, (2022) The Electron Transport in the Course of Study Related to the Biological Science at Various Level, *International Research Journal of Innovations in Engineering and Technology (IRJIET)*, **6(1)**, 119-123, 2581-3048.
- **Gupta, A. K.**, (2022) Nucleic Acid Metabolism and its Flow in Ecosystem, *International Research Journal of innovations in Engineering and Technology (IRJIET)*, **6 (1)**, 41-45, 2581-3048.
- **Gupta, A. K.**, (2022) Amino Acids and their Biosynthesis are flowing in Ecosystem, *International Research Journal of Innovations in Engineering and Technology (IRJIET)*, **5(12)**, 36-29, 2581-3048.
- **Gupta, A. K.**, (2022) Carbohydrate Metabolism and its Flow in Ecosystem, *International Research Journal of Innovations in Engineering and Technology (IRJIET)*, **5(12)**, 53-55, 2581-3048.
- **Gupta, A. K.**, (2022) Protein Metabolism and its Flow in Ecosystem, *International Research Journal of Innovations in Engineering and Technology (IRJIET)*, **5(10)**, 23-26, 2581-3048.
- **Gupta, A.K.**, (2022) Lipid Metabolism and its Flow in Ecosystem, *International Journal of Current Advanced Research (IJCAR)*, **10(9B)**, 25198-25200, 2319-6505.
- **Gupta, A. K.**, (2022) Nitrogen Metabolism and its Flow in Ecosystem, *International Research Journal of Innovations in Engineering and Technology (IRJIET)*, **5(9)**, 41-55, 2581-3048.
- **Gupta, A.K.**, (2021) Energy Metabolism and its Flow in Ecosystem, *International Journal of Social Relevance and Concern (IJSRC)*, **9(8)**, 2347-9698.
- **Hasan, M.**, (2021) A Study on Awareness about Right to Education Act, 2009 among Teachers Teaching in Elementary Schools in District Muzaffarnagar Uttar Pradesh, *Samagra Gyan Journal* 15 (15); E-ISSN 2582-726X.

- **Meena, O. P. and Nainawat, A. K.** (2022) Sulphuric Acid Catalysed Corrosion Inhibitory Activity of Aerial Parts of Euphorbia Neriifolia Linn on Aluminium, *Elixir Corrosion & Dye* **162**, 55952-55959.
- **Nainawat, A.K, and Meena O. P.** (2021) Greener alternative for reduction of p-aminoacetophenone at stainless steel electrode in basic aqueous ethanol medium, *J. Applied Chem.*, **14(08)**, 21-23.
- **Nainawat, A. K, and Meena O. P.** (2021) Biocatalytic reduction of Furfural Using Free and Immobilized Baker's Yeast, *Int. J. ChemTech Res.*, **14(01)**, 263-267.
- **Narayan, J. P.** (2021) Predictions on the occurrence of consecutive Covid-19 waves/ surges in India, *School Science*, Special Issue (17):1-3
- **Narayan, J. P.** (2021) India's Second Massive Covid-19 Waves Underscores Pandemic Monitoring Preparedness (PMP). *Conference: www.opindia.com.opinions* 20 April 2021 [1- 8].
- **Pareek, R. B., Sharma, R. K. and Nainawat, A.K., Meena, O.P.** (2022) Prospective Chemistry Teachers' Experiences of learning Difficulties at The Undergraduate Course. *International Journal of Education, Technology and Science*, **2(1)**, 047-057.
- **Pratap, R.** (2022) Plasticizing effect on polyethylene oxide doped ammonium perchlorate, *High Performance Polymers*, **34(3)**, 1-5
- **Pratap, R.** (2022) Dynamics of proton transport in Polyethylene oxide (PEO) with Ammonium perchlorate (NH₄ClO₄), *Macromolecular Symposia*, 1-15
- **Ramniwas,** (2022), जग में बैरी कोई नहीं विवेक ज्योति मासिक पत्रिका, संत रविदास जयंती पर विशेषांक, अंक फरवरी, प्रबंध संपादक स्वामी सत्य रूपानंद प्रकाश: रामकिशन मिशन, विवेकानन्द आश्रम, रायपुर छत्तीसगढ़।
- **Sharma, R. K. and Pareek, R.B,** (2022) Quality Enabling Conditions and Teaching Learning Process in Chemistry at Senior Secondary Level: Teachers Perspective. *Journal of Indian Education, NCERT*, (Accepted).
- **Sharma, R. K. and Pareek, R.B.,** (2021) Quality Enabling Conditions and Teaching Learning Process Interventions in Organic Chemistry at Senior Secondary Level. *School Science, NCERT*, (Accepted)

Book Published

- **Sharma, S. V. and Arya, A.K.** (2020) Implementing Interventions at the elementary school stage: a block level research (2022-21). Publisher: RIE, NCERT, ISBN: 978-81-956411-0-9; Year: 2022 (March)
- **Sneh Sudha** contributed a chapter in the book titled 'राम की शक्ति पूजा का रचना विधान' (ISBN No.- 978-93-90872-74-9)
- **Sharma, S. V. et al,** Thinking School: An Experiment, ISBN:978-81-956411-6-1, RIE Ajmer (2022)

Invited Lectures Delivered/ Paper presented in Conference/Seminar/Workshop

- **Arya A. K.** (2021) presented a session on "Online and Digital Education- Ensuring Equitable use of Technology" in a National Webinar on 'National Education Policy 2020: Exploring Transformational Implementation in School Education' on April 27, 2021 organized by Regional Institute of Education, Ajmer.
- **Arya, A. K.** (2021) presented a plenary session on 'Bringing Together Cultural Diversity through Local Toys and Play Materials' in National Webinar on Toy Based Pedagogy across the Foundational Stage" organized by the Department of Elementary Education, NCERT during November 30 to Dec 01, 2021.
- **Chandrasekhar, K.** (2021) presented a session on "Transformational Reforms in Assessment and Examinations in School Education" in a National Webinar on 'National Education Policy 2020: Exploring Transformational Implementation in School Education' on April 27, 2021 organized by Regional Institute of Education, Ajmer.

- **Chaurasia, P. K.** (2021) presented a session on “Implementation strategy for Affordable and Quality School Education” in a National Webinar on ‘National Education Policy 2020: Exploring Transformational Implementation in School Education’ on April 27, 2021 organized by Regional Institute of Education, Ajmer.
- **Goswami, A.** (2021) presented a session on “Exploring Transformation through Indian Languages Art & Culture” in a National Webinar on ‘National Education Policy 2020: Exploring Transformational Implementation in School Education’ on April 27, 2021 organized by Regional Institute of Education, Ajmer.
- **Hasan, M.** (2021) presented a research paper entitled ‘NEP 2020: Understanding Multilingualism for Promoting Indian Languages, Arts and Culture in Teacher Preparation in the National Conference on Indian Languages, Arts and Culture organized by Regional Institute of Education, Ajmer from December 8-10, 2021.
- **Mishra, R.** (2021), Keynote in webinar on ‘ Education system in the age of Maharana Pratap ‘ organized by Mohan Lal Sukhadia University, Udaipur on 14th June 2021.
- **Pareek, R. B.** (2021) presented a session on “Foundational Literacy and Numeracy” in a National Webinar on ‘National Education Policy 2020: Exploring Transformational Implementation in School Education’ on April 27, 2021 organized by Regional Institute of Education, Ajmer.
- **Ramniwas, (2021)** presented a research paper entitled ‘बदलते हुए सामाजिक सरोकार और हिंदी’ in the International Webinar on ‘हिंदी को विश्व और विश्व में हिंदी’ organized by Regional Institute of Education, Mysuru on September 8, 2021.
- **Ramniwas, (2021)** presented a research paper entitled ‘वर्तमान परिप्रेक्ष्य में भाषाएँ, कला और संस्कृति की शिक्षा’ in the National Conference on Indian Languages, Arts and Culture organized by Regional Institute of Education, Ajmer from December 8-10, 2021.
- **Sharma, S. V.** (2021) presented a session on “Exploring Transformation Implementation; An Overview of NEP-2020” in a National Webinar on ‘National Education Policy 2020: Exploring Transformational Implementation in School Education’ on April 27, 2021 organized by Regional Institute of Education, Ajmer.
- **Sharma, R. K.** (2021) presented research paper ‘Learning Resources Interventions in Understanding the Concepts of Organic Chemistry at Senior Secondary Level in International Conference on Conventional and Digital Methods in Chemical Education’ in international conference organized by National Institute of Technology, Warangal during July 29-31, 2021.
- **Sharma, R.K.** (2021) presented a paper titled ‘Molecular Structure Determination Using Spectroscopic Techniques in National Webinar on Spectroscopic Techniques: A Tool for Structure Elucidation’ in national seminar organized by Department of Chemistry, Sophia Girls College, Ajmer during October 21-22, 2021.
- **Sudha Sneh** (2021) presented a research paper in the National Conference on Indian Languages, Arts and Culture organized by Regional Institute of Education, Ajmer from December 8-10, 2021.
- **Sharma, S. V.** (2022) delivered a lecture on National Education Policy 2020 with reference to Key Changes in School Education and Higher Education: An Overview, Education Department, BU, Ajmer (May 16, 2022).
- **Sharma, S. V.** (2022) delivered a keynote address lecture on ‘Life & works of Sir C V Raman: National Science Day’ (Link: <https://youtu.be/fK8LZBinTco>) (Feb. 28, 2022) in National Webinar on Emerging Trends in Physics and Physics Education organised by RIE, NCERT, Ajmer during Feb. 27-28, (2022).
- **Sharma, S. V.** (2022) delivered a lecture on National Education Policy 2020: Implementing Strategies for Early Child Care and Education (ECCE) (09-03-2022) in a Capacity Building Programme for the Teachers

(Level-1) of Hurda Block, Bhilwara for the Block level Study to attain Level Specific Learning Outcomes (LOs) held at RIE Ajmer (March 09-11, 2022).

- **Sharma, S. V.** (2022) delivered a valedictory address as Chief Guest at Science Carnival 2022 organized by National Association of Mathematics & Science Thinking Educators, Namaste Team, Poonch (J & K) (Feb.28, 2022).
- **Sharma, S. V.** (2022) delivered a lecture on National Education Policy 2020: Pedagogy in Schools organised by NLI, Udaipur (Jan.18, 2022).
- **Sharma, S. V.** (2021) delivered a lecture on NEP2020: Pedagogy for Holistic development (Link: <https://youtu.be/Wv4MhR4>) (Dec. 13, 2021).
- **Sharma, S. V.** (2021) delivered a Delivered a lecture on STEM Education in Perspective of National Education Policy 2020 (**Dec. 24, 2021**) in a 5 day- online Lecture Series on National Education Policy 2020 organised by SCERT, Lucknow (**Dec. 20-24, 2021**).
- **Sharma, S. V.** (2021) delivered a lecture on National Professional Standards for Teachers (Para 5.20): Road Map for implementation of NEP2020 (Link: <https://youtu.be/jxXHdMtnUrQ>) in an open house discussion organised by Central University of Rajasthan, Kishangarh in collaboration with NCTE (Dec. 14, 2021).
- **Sharma, S. V.** (2021) delivered a talk on Nanotechnology: The Power of Small (Link: <https://youtube.com/watch?v=ZD5nAZ67Tyw>, and <https://youtube.com/watch?v=Gdb8RmOVue8>) in a Webinar organized by the Delhi State Science Teachers' Forum (DSSTF, Delhi) (**11th Sep. 2021**).
- **Sharma, S. V.** (2021) delivered an address as Chief Guest in an online National Educational Workshop and Teacher Felicitation Function, organized by Mission Prerana, Kanpur (UP) (Nov. 11, 2021).
- **Sharma, S. V.** (2021) delivered an inaugural lecture on National Education Policy 2020 & Pedagogy of Science at Middle Stage (22-11-2021) in a ten-day online Capacity Building Programme for the Science and Mathematics Teachers of Hurda Block on attaining learning outcomes for the Block Level Study in

Chair in Seminars/Conference

- **Chandrasekhar, K.** (2022), chaired a session in a 'National Conference on Emerging Trends in Physics & Physics Education (NCETPPE-2022)' organised by Regional Institute of Education, Ajmer during Feb 27-28, 2022.
- **Chaurasia, P. K.** (2021) chaired a panel session on 'Teaching Mathematics at Secondary Stage - Bihar, Jharkhand & Odisha' during August, 2021
- **Chaurasia, P.K.** (2021) chaired a panel session in "10th National Conference on Mathematics Education" during Dec 20-22, 2021 organized by Regional Institute of Education, Mysore.
- **Mishra, R.** (2022), chaired a session in National Conference on Indian Folk Literature: Today and tomorrow organized by RIE (NCERT) Bhopal during January 27-29, 2022.
- **Mishra, R.** (2022), chaired a session in the National Conference on Emerging Trends in Physics Education organized by RIE, Ajmer during 27-28 February 2022.
- **Mishra, R.** (2021), chaired a session in the National Conference on ' Indian languages, arts and culture ' organized by RIE Ajmer during 8-10 December 2021.
- **Ramniwas,** (2021) chaired in a session in National Webinar on Indian Languages, Arts and Culture organised by RIE, Ajmer during December 8- 10, 2021.
- **Ramniwas,** (2021) chaired in a session in National Webinar on Indian Languages, Arts and Culture organised by RIE, Ajmer during December 8- 10, 2021.
- **Sharma, R. K.** (2022) chaired a session 'Ancient Indian Scientific Knowledge and its Relevance to Physics and Physics Education' in National Conference on Emerging Trends in Physics and Physics Education organized by Regional Institute of Education, NCERT, Ajmer during February 27-28, 2022.

- **Sharma, S. V.** (2022) chaired a session on 'Strengthening of DIETs-Interaction with SCERT Directors' in a programme organized by DTE, NCERT during February 02-03, 2022.
- **Sharma, S. V.** (2022) chaired in National Webinar on Emerging Trends in Physics and Physics Education organised by RIE, NCERT, Ajmer during Feb. 27-28, 2022.
- **Sharma, S. V.** (2021) chaired a session entitled 'Strengthening of DIETs-Role of SCERT' (28-09-2021) in an online programme (discussion meet with DIETs on their strengthening and NEP2020 Implementation) organized by DTE, NCERT during September 27-28, 2021.
- **Sharma, S. V.** (2021) chaired in a session in National Webinar on Indian Languages, Arts and Culture organised by RIE, Ajmer during December 8- 10, 2021.

Participation in an Open House Discussion on NPST



The faculty members of the Institute participated in an open house discussion on 'National Professional Standards for Teachers (Para No. 5.20 of NEP 2020)' organized by Central University of Rajasthan in collaboration with NCTE. Prof. S.V. Sharma as Special Guest deliberated on the topic 'National Professional Standards for Teachers: Road Map for Implementation' in the Inaugural Session (Link: <https://youtu.be/jxXHdMtnUrQ>). Panelist in Technical Sessions included Prof. Saryug Yadav, Prof. R.B. Pareek and Mr. Muzammil Hasan. Also, teachers from the DMS School namely, Shri Babu Lal Mali, Shri R.S. Chitoria, Shri Sartaj Singh, Shri Satyendra Verma and Shri Abhishek Bhardwaj participated in the programme.

Organization of District Level Consultations for the development of NCF following NEP-2020

For developing the National Curriculum Framework following NEP-2020, the Institute has conducted National District Level Consultations (DLCs) in the states/ UTs of northern region. The institute organized 15 DLCs in 10 states/ UTs of northern region. In the states of Haryana, Delhi, Himachal Pradesh and Punjab, and UT; Ladakh and Chandigarh one DLCs was organized, while 2 DLCs were conducted for the states of Uttarakhand and Rajasthan, and UT Jammu & Kashmir and 3 DLCs were conducted for Uttar Pradesh. The DLCs were organized in collaboration of SCERTs of the states/UTs. The meets were coordinated by the nominated NCERT nodal officers and organized as per the guidelines and schedule provided by council. The NCERT authorities have also visited the meets. Prof. Dinesh Prasad Saklani, Honorable Director, NCERT graced the DLCs of the state of Uttarakhand at Dehradune and Tehri and also interacted with the participants. Prof. S. V. Sharma, Principal, Regional Institute of Education, Ajmer visited the DLCs for Rajasthan state at Jodhpur and Uttar Pradesh State at Kanpur and briefed the participants about NEP-2020 themes for NCF development regarding the DLCs. In the meets organized by the institute total 1092 participants in all categories as per the guidelines provided the NCERT participated and gave their valuable inputs, comments and suggestions on prescribed questions. The consultations were also covered by the leading electronic and print media.

Pariksha Pe Charcha 2021



In the 4th edition of Pariksha Pe Charcha, the Unique Interactive Programme of Hon'ble Prime Minister, Shri Narendra Modi with students, teachers and parents was held for the first time in virtual mode while adhering to the COVID-19 protocols. The programme was aired at 7 PM on Wednesday the 7th April, 2021 on TV channels and digital media in Hindi and other major Indian language. The event was organized by the Department of School Education & Literacy, Ministry of Education with active involvement of States and UTs. Demonstration Multipurpose School's Secondary and Senior Secondary students, parents and teacher participated in Pariksha Pe Charcha 2021 through online mode. One of the student of DMS, Ajmer Ms. Divyanka Parashar of Class XI was selected for live interaction with Hon'ble Prime Minister. The programme was aired on 7th April, 2021. Honorable Prime Minister Sh. Narendra Modi virtually interacted with the students of the nation and discussed the issues related Exam Stress, Parent's Expectation and teacher's Attitude, and giving a fruitful resolution of their problem. This session was recorded and used for promotion of PPC-2022 that can be watch on following link. <https://www.youtube.com/watch?v=ktfsZXGPstg> <https://youtu.be/-e9EHEklGdU>

Collaboration with Israel

The school has collaboration program with a school from Israel. In this joint venture the Yarka b (Israel), students of class 10th A and 10th B collaborated in learning with the students of Israel.

Development of Skill Hub of school

The Demonstration Multipurpose School, Ajmer has been selected as a study Centre for vocational training to target population segments from class 6-8th and 9- 12th school dropout and out-of-education students in the region. The school has made efforts in order to make the benefits of this professional opportunity reach the drop-out students, and finally, 20 drop-out students were enrolled in the Beauty & Wellness course. The formal training of the candidates started from 11 February 2022 and will continue till 17 November 2022.

Annual function celebrated

The annual function of the DMS Ajmer was organized during March 23-24, 2022. During the celebration various activities highlighted the achievements of school. On this day, students were awarded First, Second and Third prize for their participation in different activities.

School Science Exhibition organized



Students participating in Science Exhibition

A Science exhibition at the school was organized on 29 November, 2021, for encouraging students of secondary and senior secondary classes to make models and projects on current issues and their possible solutions. Topics such as cleanliness, Resource Management, Waste Management, Agriculture and Organic Farming, Transport and Communication, Mathematics Modeling etc. were emphasized during the exhibition. The selected candidate were awarded with prizes.

Fit India School Week

The school observed the 'Fit India school week 2020' in virtual mode during 14th December 2020 to 19th December 2020. The activities like Free hand exercises and Fun and Fitness- Aerobics, Dance forms, Rope Skipping, Hopscotch, and Shuttle Running activities, Yoga, Brain Games, Essay/Poem Writing Competition on theme "Fitness Beats Pandemic", fitness activities (virtual challenges) and Online Quiz etc were conducted during the week. The students on the occasion of Makar Sankranti performed Surya Namaskar. DMS students participated in District Level Sports Tournaments like Tennis, Football, Cricket, Badminton, Athletics, and Basketball.

Ph.D. degree awarded

Sh. Deepak Kumar, PGT English, of DMS Ajmer has completed his Ph.D. from BITS Pilani in February, 2022. Dr. Deepak defended his thesis titled "An Evaluation of CBSE Secondary Grade English Syllabus and Exploring the Possibility of Inclusion of Multimodal Tools: Teachers' Perspective".

Staff News

New Joinng

- Mrs. Pratibha Yadav joined as PRT on December 06, 2021
- Smt. Shakuntala joined as A.O. on January 24, 2022
- Sh. Girish Devgade joined as S.S. on March 17, 2022

Superannuations

- Sh. Harichand retired as SPA on April 30, 2021
- Prof. K.B. Rath retired as Professor on April 30, 2021
- Sh. Haresh Bulchandani retired as PA on June 06, 2021
- Sh. K. C. Meena retired as TGT PHE on February 28, 2022
- Sh. B. L. Kumawat retired as TGT Fine Arts on February 28, 2022
- Smt. Kamla retired as MTS on February 28, 2022
- Prof. Nagendra Singh retired as Professor on March 31, 2022
- Sh. Omprakash Chouhan retired as MTS on April 30, 2022

News Letter/ Institute Magazine Committee

- **Dr. Anand Kumar Arya**, Head, Department of Extension Education (**Convener**)
- **Dr. Ram Niwas**, Associate Professor of Hindi, (**Member**)
- **Dr. Anil Kumar Nainawat**, Student advisor, (**Member**)
- **Dr. Sneh Sudha**, Assistant Professor in Hindi (**Member**)
- **Ms. Ranjana Nagar**, Assistant Professor in English (**Member**)
- **Sh. Guman Singh**, PGT, Hindi (**Member**)
- **Sh. Deepak Kumar**, PGT, English (**Member**)
- **Sh. Hariom Sharma**, TGT, Sanskrit (**Member**)
- **Ms. Gayatri Jagatyani**, PGT, English (**Member**)
- **Ms. Neelam Bhadhauria**, TGT, Hindi (**Member**)
- **Sh. Abhishek Bhardwaj**, In charge primary section (**Member**)