

Call for Papers

Original papers on any one of the above sub-themes are invited from the practicing teachers, teacher educators, educational administrators, and researchers. Papers should reflect the status, trends, innovative practices, researches etc. Preferably on either school education or teacher education.

Call for Exhibits

Selected educational technology solution providers will be given an opportunity to showcase their products and Services.

Abstract and Full Paper

The content of the abstract/paper shall be presented in MS-Word Format, 12 point Times New Roman Font, 1.5 Line Spacing and the citations and references in American Psychological Association (APA) style. The minimum word limit for the abstract is 300 and for the full paper it is 12-14 pages. Author(s) should mention their designation along with the institutional affiliation and contact details. Only after the communication of acceptance of the abstract is received, the prospective paper presenters need to submit their final full paper. However, the organizing committee will reserve the right to accept or reject the final paper at their discretion. Some of the papers would be considered for poster presentations. After creating your login account as author on Open Conference System at conference website <https://www.rieajmerict.com> abstract and the full paper may be submitted online. Finally, selected papers would be communicated to the first author.

Registration & Travel

Registration forms will be sent to all the authors whose abstract of the paper has been accepted. All participants of the conference have to register by paying a registration fee of Rs. 1000/- by Demand Draft drawn in favour of "Principal, RIE Ajmer" payable at any nationalized bank in Ajmer and send it to the organizing secretary before the last date. If both the author and co-author(s) wishes to participate, they have to register separately by paying the required registration fee. Registration fee is non-refundable. TA up to Second AC Train fare (depending on the entitlement) will be reimbursed to the paper presenter (for the first author only) on production of original tickets. Participants without paper presentations are also encouraged to register after getting prior permission from the conference secretariat.

Accommodation

Limited number of boarding facility is available on sharing basis. It will be provided on first come first serve basis. Rest of the person/accompanying person(s) other than the registered participants would be provided accommodation and boarding on payment basis subject to the availability.

About the Institute

The National Council of Educational Research and Training (NCERT) was established in 1961 by the Ministry of Education, The National Council of Educational Research and Training (NCERT), New Delhi. Government of India to prepare quality teachers in Science, Humanities, Commerce, Agriculture and Technology. Consequently, five Regional Colleges of Education at Ajmer, Bhopal, Bhubaneswar, Shillong, and Mysore were established as constituents units of NCERT. Regional College of Education, Ajmer was set up in the year 1963. Later it was renamed as Regional Institute of Education (RIE), Ajmer in the year 1995. It looks after the educational interests of Northern Region comprising the states of Haryana, Himachal Pradesh, Jammu & Kashmir, Punjab, Rajasthan, Uttaranchal, Uttar Pradesh, the National Capital Territory of Delhi and the Union Territory of Chandigarh. The Regional Institutes of Education (RIEs) (formerly known as Regional Colleges of Education), were started with the main objective of qualitative improvement of school and teacher education through innovative pre-service (BSc.BEd, BA.Bed, B.Ed, M.Ed.) and in-service teacher education programmes and relevant research, development and extension activities. RIEs are also offering Diploma Course in Guidance and Counselling, intending to equip teachers to serve as teacher counsellors/guidance teachers.

Institute Website: www.rieajmer.raj.nic.in

Conference Website: www.rieajmerict.com

Conference Email: rieaconference@gmail.com

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National Council of Educational Research & Training (NCERT)

Present

National Conference on
Information & Communication Technology (ICT)
in School Education
(27th - 29th November, 2017)

Organized by

Regional Institute of Education (RIE), Ajmer
(National Council of Educational Research & Training)

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Important Dates

Last Date of Receiving the Abstracts:
10/09/2017

Date for Communicating the Acceptance of the Abstract:
30/09/2017

Last Date for Receiving the Full Paper:
15/10/2017

Conference Date:
27th - 29th November, 2017

Patrons

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Introduction

The merging of many ICT tools and technologies along with global internet and mobile tools has provided unique opportunities for harnessing the true potential of ICT for improving the school educational practices. There are various challenges and problems in ICT integration in school education. This conference may not be a mere repetition of the same exercise of identifying these challenges alone. The Government is fully aware of most of these challenges and have already initiated many schemes in overcoming these challenges. The focus of conference should be on how the school and teacher education system can harness the true potential of these initiatives and need to provide policy perspectives and recommendations in terms of using current and emerging ICT tools and technologies in improving learning among children and adults of our nation.

ICT in School Education Initiatives

1. **National Knowledge Network (NKN)** project is aimed at establishing a strong and robust Indian network, 2. **SWAYAM**: Programme is launched to provide Massive Open Online Courses (MOOC), 3. **NMEICT**: National Mission on Education through Information and Communication Technology (NMEICT) to leverage the potential of ICT, in teaching and learning process, 4. **National Digital Library (NDL)** pilot project to develop a framework of virtual repository of learning resources with a single-window search facility, 5. **NROER**: National Repository of Open Educational Resources offers digital resources in different languages along with online activities, 6. **KV ShaalaDarpan** is an e-Governance platform for all Kendriya Vidyalayas in the country, 7. The National Programme on School Standards and Evaluation (**NPSSE**), known as ShaalaSidhdhi is a comprehensive instrument for school evaluation leading to school improvement, 8. **Saransh** is a tool for comprehensive self-review and analysis for CBSE affiliated schools and parents, 9. **e-pathshala**: Digital text book and other educational resources for school education as online and mobile application, 10. **e-PGPathshala**: High quality, curriculum-based, interactive content in different subjects, 11. **Online Labs (OLabs)** for school lab experiments provides students with the ease and convenience of conducting experiments over the internet, 12. **e-BASTA**: C-DAC has created a framework to make school books accessible in digital form as e-books to be read and used on tablets and laptops, 13. A **geographic information system (GIS)** is a system designed to capture, store, manipulate, analyze, manage, and present spatial or geographic data, 14. **Swayam Prabha**: Educational DTH Channel. 15. **National Policy on ICT in School Education** was launched in 2013, 16. **National ICT Curriculum** aims at realising the goals of the National Policy of ICT in Education, 17. **National ICT award**, 18. **ICT@Schools Scheme**: provide financial and ICT infrastructural support to schools.

About the Conference

The conference has planned to provide an opportunity for exchanges of national and international initiatives and experience on ICT in school education, spreading information, and making suitable recommendations for policy planners, academic and administrative staff. The conference is expected to focus on a) Exploring innovative use of ICT in teaching-learning-assessment process, b) Use of FOSS tools and OER practices in subject teaching & learning, c) Discuss the use of sophisticated access devices/Ubiquitous Technologies and everywhere learning, d) Exploring efficient management strategies for technology integration initiatives, e) Discuss on more self-directed human resource development approaches using emerging technological possibilities, f) Use of sophisticated assistive technology tools and solutions for Disabled Learners and making classrooms more inclusive based on the principles of universal design for learning, g) Implementing design based research, action research and other applied research in technology integration in education to develop better insight, and h) Exploring means to rewarding and recognizing the performers and showcasing best practices

Objectives of the Conference

- 1) To showcase the innovative practices of ICT integration in School education.
- 2) To provide a discussion forum for improving the quality of the teaching-learning process with ICT based support to school education.
- 3) To explore various current and emerging ICT tools, services, culture of learning (development of learning skills, expansion of optional Education, open source of education, etc.) and discuss the implications of these on school education.
- 4) To explore the ICT based tools for the learners with special needs to integrate themselves within school and society by increasing their independence and by developing their abilities and interests.
- 5) To provide platform for sharing innovative experiments for enhancing efficiency of assessment and administrative practices through ICT integration for School Education.
- 6) To explore various professional development alternatives in enhancing ICT integration competencies.
- 7) To explore the ICT trends in instructional designing and pedagogical practices for school education.
- 8) To discuss the challenges in integrating ICTs in school education and measures to overcome these Challenges.
- 9) To provide an opportunity to share research studies on ICT integration in school education today.

Themes and Sub Themes

Theme 1: Policies and issues related to ICTs in School Education

1. Planning and Analysis of policies on ICT, OER in school education.
2. Universal access to quality content.
3. Technological issues in education (E-Learning, Apps for learning, Mobile learning, phones, tablets)

Theme 2: ICT is Teaching-Learning-Assessment process

4. OER practices in subject teaching & learning.
5. Mathematical fundamentals of ICT and educational change.
6. ICT in assessment and learning
7. ICT and issues in science and other fields of human culture related to ICT education.

Theme 3: Research related to ICT in Schools

8. ICT enhanced language teaching and learning.
9. Research on effective practices of ICT in school education.

Theme 4: ICT in Teacher Professional Development

10. Teacher's professional development of promoting ICT in school education.
11. Technological innovations for teaching in Schools
12. ICT skills and competencies among teachers.

Theme 5: ICT in Innovative Schools, School Governance

13. ICT in Innovative Schools, Impacts and Effective use of ICT for quality learning.
14. Monitoring and evaluation of the impact of ICT on school Education.
15. Beneficial Effects of E-Governance in Schools.
16. ICT for inclusive education.