



NCSE 2018

National Conference on Science Education 2018

29th November - 1st December, 2018

Registration Form

Name of the Presenting Author.....
Designation.....
Organization.....
Address for Correspondence.....
.....
E-mail.....
Fax.....
Mobile number.....
Title of Paper.....
.....
Title of sub-theme

Mode of presentation ☐ Oral ☐ Poster
Accommodation required ☐ Yes ☐ No

Date..... Signature of Author

The duly filled registration form along with full paper to be submitted online on or before 30th September 2018 to the Organizing Secretary, NCSE 2018, Regional Institute of Education, Bhubaneswar, Odisha-751022 only through e-mail: ncse18@gmail.com.



NCSE 2018

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National Conference On Science Education



Organised By:

REGIONAL INSTITUTE OF EDUCATION

(National Council of Educational Research and Training, New Delhi)
Sachivalaya Marg, Bhubaneswar- 751022, Odisha, India

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About the Conference

Today we are living in a technologically advanced society. Our children are being exposed to the expanding frontiers of science knowledge very early in their lives. They need to understand, assimilate the benefits and misuses of new knowledge to succeed what we call acquiring scientific literacy. The teaching learning process in schools and colleges are changing and in particular the schools must provide an environment where the teachers can create situations for children to think, enable them to understand and solve problems. As they grow up with advance knowledge acquisition they would be able to make correct decisions and participate in nation building. The scientific communities as well as policy-making bodies have been expressing great concern about school science education, and have launched several new schemes. NCERT, in its National Curriculum Framework document of 2005, addresses the issue afresh. This National Conference on Science Education has been planned to provide a platform to all stakeholders working in the field of science education to share their experiences, researches, innovative practices and their impact in improving the quality of science education in schools. This would provide directions for curricular and pedagogic reforms of school science education.

About the Institute

Regional Institute of Education (RIE), Bhubaneswar is one of the constituent units of National Council of Educational Research and Training (NCERT), New Delhi, which is an apex body in the domain of school education under MHRD, Government of India. RIE, Bhubaneswar acts as a Regional Resource Centre of NCERT for the Eastern Region of the country (Bihar, Odisha, Jharkhand, West Bengal, Andaman and Nicobar Islands and North Eastern states) and serves as an Advanced Centre for conducting research, training and development programmes in school education and teacher education. It is affiliated to Utkal University and offers several innovative integrated pre-service programmes at undergraduate and postgraduate level to prepare quality teachers at secondary level in physical sciences, biological sciences, social sciences and languages. It also organizes in-service programmes for teachers, teacher educators, supervisors and administrators concerned with school education.

Objectives

'Re-searching Science Education: Issues, Concerns & future strategy'

Many problems in science education are not new, but can be addressed with new lenses to provide alternate strategies and solutions. The word "re-search" is intentionally hyphenated to underscore the importance of constantly re-looking and re-examining previous issues so as to gain new insights into familiar problems that confront diverse stakeholders in science education. Through such a process, the field of science education will progress and be enriched. It aims at

- Bringing leading researchers, teachers, teacher educators and administrators together to exchange and share their experiences and research results on all aspects of Science Education.

- Providing a platform to present and discuss the most recent innovations, trends, and concerns as well as practical challenges encountered and solutions adopted in the fields of Science Education.
- Making recommendations for future course of action for the promotion of quality science education.

Sub-themes

I. Curriculum and Policy

- Policy issues: local & global concerns
- Organisational leadership
- Curricular reforms & its implementation
- Ancient & indigenous knowledge and its relevance
- Incorporating frontiers of Science & Technology in school curriculum

II. Innovations in Science teaching, learning and assessment

- Pedagogical concerns: concept, context & application(s)
- Learning resources & its effectiveness
- Development of science process/learning skills
- ICT integration; online learning models & mobile technology
- Alternative conceptions
- Misconceptions and superstitions
- Assessment issues & learning outcome

III. Professional Development

- Pre-service and in-service: policies & programmes
- Teacher education reforms
- Collaborative & reflective practices
- Action research

IV. Science in informal setting

- Out of classroom learning: museum, science park, science centre, zoo, botanical garden, planetarium
- After school programmes
- Community sensitization and outreach vis-à-vis its role
- Students' seminar & interactions
- Out of school children: reaching the unreached

Call for Papers

Original and unpublished research papers are invited from researchers, teacher educators, teachers and administrators on any of the sub-theme areas of conference for presentation (oral/poster). Papers presented in the conference will be published in the proceedings of the conference. Selected peer-reviewed contributions will be published in a book. The soft copy of the full paper along with registration form should be submitted through e-mail (ncse18@gmail.com) on or before 30th September 2018. No registration fee will be charged from delegates.

Important Dates

Last date for submission of full paper and registration form

30th September 2018

Intimation of selected papers

15th October 2018

Submission of revised paper

30th October 2018

Guidelines for Submission of Full Paper

The full paper (5 to 6 pages of A4 size) should be typed in MS word with Times New Roman – 12 font size and 1.5 line spacing. The title page should reflect title of the paper, name of author(s), designation, institution's name and address, E-mail ID and contact number of corresponding author. The paper should be organized in the following format:

- Abstract (300 words- reflecting objectives, methodology, major findings)
- Key words (maximum 5 to 6)
- Introduction
- Aim/objectives
- Hypothesis
- Methodology
- Results and Discussion
- Conclusion and implications of the study
- Acknowledgement
- References (format to be followed: Danish, J. A. and Enyedy, N. (2007). Negotiated representational mediators: How young children decide what to include in their science representations. Science Education, 91 (1):1-35.)

Accommodation and Travel Assistance

The paper presenters will be provided travel assistance restricted to III AC by shortest route. Local conveyance will be provided to local participants as per NCERT norms. The reimbursement will be made through online payment only on submission of original tickets and bank details. Accommodation will be provided in Institute Guest House to the outstation delegates on payment basis on prior request.

Venue

Bhubaneswar the capital city of Odisha is famous for ancient art and architecture. It is a well known academic hub as many national and international institutes, IT centers and research organization have come up. Regional Institute of Education, Bhubaneswar popularly known as Regional College is located in the heart of the smart city on Sachivalaya Marg (near NICCO Park) about 5 km away from Railway Station and 7 km from Biju Patnaik International Air Port. The inter-state bus terminus is at Barmunda, about 5 km away from the Institute. The city is well connected with all states by road and air.



NISER, Bhubaneswar



IIT, Bhubaneswar