

## REGISTRATION PROFORMA

Name of the Participant: Mr /Ms.: .....

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Email:.....

Title of the Paper: .....

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Form of Presentation: Accommodation required:

Oral ☐ Poster ☐ Yes ☐ No ☐

Signature of the Participant

Download Registration Form from <http://nerie.nic.in>. Please send the filled in registration form along with the full paper to the conveners by email to [science.seminar19@gmail.com](mailto:science.seminar19@gmail.com) latest by 15th September, 2019. Only one presenter is allowed (for a multi-authored paper) to register.

### PLAGIARISM ALERT !!!

Authors are requested to adhere to strict academic ethics with respect to the acknowledgement of the original ideas from other sources. To avoid plagiarism, each paper will be screened by the screening committee. Papers not complying to ethical standards will be summarily rejected.

## ABOUT NERIE

The North East Regional Institute of Education (NERIE), a constituent unit of NCERT, New Delhi under the Ministry of Human Resource Development was set up in 1995. NERIE caters to the educational needs of the eight northeastern states viz., Arunachal Pradesh, Assam, Manipur, Meghalaya, Mizoram, Nagaland, Sikkim and Tripura. Its mandate is to provide academic and technical support to the above states on policies and programmes related to school education.

NERIE offers 2-year B.Ed regular course under affiliation of NEHU in addition to the certificate course in Diploma in Guidance and Counselling (DGC). For details, please visit <http://nerie.nic.in/>

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# NATIONAL SEMINAR ON SCIENCE EDUCATION

14 -15 November, 2019

Organised by

विद्यया ऽ मृतमश्नुते



एन सी ई आर टी  
NCERT

North East Regional Institute of Education,  
National Council of Educational Research and Training,  
Umiam, Ri-Bhoi District,  
Meghalaya-793103



## ABOUT THE SEMINAR

Importance of science is second to none in today's world of enormously complicated life surrounded by infinite scientific concepts, technology and products of science. Presently, children grow up in technological and scientifically advanced world and teaching-learning of science should help in understanding the interdependence of science and society. It is in this backdrop that school science must get utmost importance in development of the required skills among students. Despite the emphasis placed in NCF-2005 on the role of teachers and their professional competencies in implementing new pedagogy, there is still a significant gap between the expectation from science students and what they actually learn in school. The National Seminar on Science Education will act as a platform to reduce the gap and enhance the quality of science education by providing a platform to the stakeholders for sharing of their experiences in teaching-learning processes, formulation of policies and implementation, researches in science etc.

## THEMES AND SUBTHEMES OF THE SEMINAR

### ➤ Science Education for Sustainable Development

- Role of Science Education in achieving SDG 2030
- Scientific inputs in policy making
- Important Researches

### ➤ Innovative practices in Science Education

- Elementary Education
- Secondary Education
- Teacher Education

### ➤ Implementation of Educational policies and their Impact on Science Education

- Education policies and subsequent changes in science learning at school
- The constitutional amendments and their impact on science learning

### ➤ Traditional Knowledge in Science Education

- History and evolution of science
- Ancient Science in India
- Ethno-science

## ➤ Science Learning – Issues and Concerns

- Pedagogical aspects of Science
- Developing cognitive ability in Science Education
- Social and Psychological barriers in Science Learning and Interventions
- Developing support system for self-learning in Science
- ICT integration in Science learning
- Science education in disaster risk reduction

## ➤ Popularisation of Science Education

- Role of Science societies and organisations
- Science events, seminars, conferences, workshops, exhibitions

## CALL FOR PAPERS

Educational stakeholders at various levels such as Teacher Educators, Teachers, Researchers and Students from all the States and UTs who are interested to participate in the seminar, are requested to send their full paper in the following prescribed format. The paper should be typed in MS Word with Times New Roman Font (Size 12), line spacing 1.5, and within 5000 words. The paper should be submitted under particular theme and subtheme which is also to be mentioned on the top of the first page. The Abstract should be accompanied by 4/5 key words. Pictures/ Diagrams used in the paper are to be sent separately (in JPG format) along with the paper (in .doc or .docx format) to [science.seminar19@gmail.com](mailto:science.seminar19@gmail.com) within specified dates. Acceptance notification will be communicated through email only. Add the above email ID in the contact list to avoid receiving any communication as spam. The proposed presentation may also be sent to the same email ID after acceptance of the paper.

The paper / poster should be organised in the following format: \*Abstract with Key Words \*Introduction \*Objectives \*Method & Procedure \*Results & Discussion \*Conclusion and \*References.

## IMPORTANT DATES

**Last date of Registration & Submission of Full Paper** **15th September, 2019**

**Acceptance Notification** **30th September, 2019**

## TRAVEL AND STAY PROVISIONS

TA (only III AC Train / Bus / Shared Taxi fares) will be provided on production of tickets booked from authorized source as per NCERT norms, for only one Author of a paper.

Arrangements for food and accommodation will be made in NERIE Guest Houses/ Hostels, on request basis for the non-local participants for only one author of a paper. One presenter can present only one paper and certificate will be issued accordingly.

## HOW TO REACH NERIE

NERIE, Umiam can be reached easily by road from Guwahati. It is around 85 kms from Guwahati Railway Station. It is situated adjacent to the North East Space Application Centre (NESAC), Umiam, Barapani, Meghalaya. From the National Highway No. 40 (GS Road), take the road opposite to Orchid Lake Resort and through the Barapani market. It is at a distance of 2.2 kms from the main road.



## OUTCOME OF THE CONFERENCE

The 2-day Seminar will provide a sharing platform to the participants to deliberate on the Science Education scenario. The sharing of ideas in the seminar would enable us to come up with a set of recommendations to improve the status of science education.