

### Registration Proforma

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

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Designation:.....

.....

Organisation: .....

Address: .....

.....

Tel (STD code).....(No).....

Mobile no:.....(Fax).....

Email:.....

Title of the Paper:

.....

Form of Presentation: Accommodation required:

Oral  Poster  Yes  No

Signature of the Participant

Please send the filled in registration form in the given proforma along with an abstract/full paper to the convener **Dr. T.P. Sarma, DESM, NCERT, Sri Aurobindo Marg, New Delhi-110016** latest by 15<sup>th</sup> October, 2018.

\*A non-refundable Registration Fee of Rs 500/- to be deposited by the participants at the time of reporting to the venue

### IMPORTANT DATES

Last date of Registration and Submission of Abstract	15 <sup>th</sup> October, 2018
Acceptance Notification	30 <sup>th</sup> October, 2018
Last Date of submission of Full Paper	30 <sup>th</sup> November, 2018

### Mathematics

The objective of mathematics in schools is to nurture the thinking skills among children. There are two perspectives of school education, one is to teach in order to turn out employable and the other is to develop the critical thinking and creativity among children. Moreover, NCF 2005 recommends the processes of mathematics learning to make every child to enjoy mathematics, pose meaningful problems and develop mathematical thinking. The mathematics teachers therefore have a greater role to play. Developing mathematical prowess would go a long way in developing skills in other subjects like science and information and communication technologies, the language of which is mathematics.

For this we need to work hard and improve the learning environment. This conference is a step towards this vision.

#### PATRON

**Prof. Hrushikesh Senapaty**

Director, NCERT

#### Chairperson

**Prof. Dinesh Kumar**

Head, DESM, NCERT

#### Convener

**Dr. T.P. Sarma**

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#### Advisory Committee

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## 7<sup>th</sup> National Conference on Mathematics Education

20<sup>th</sup>, 21<sup>st</sup> and 22<sup>nd</sup> December, 2018

Organized by



Department of Education in Science and Mathematics,  
National Council of Educational Research and Training,  
Sri Aurobindo Marg,  
New Delhi-110016

## ABOUT THE CONFERENCE

The main purpose of the conference is to improve the teaching learning process of Mathematics. This conference will pave the way to find implications of history of mathematics, particularly the contributions of Indians and recent developments, including pedagogical practices used to enhance the teaching learning process of mathematics. With the broad theme of the conference "Mathematics Education", the focus is on the innovative pedagogical practices experimented and found useful in teaching of mathematics at different levels and to connect different aspects of the mathematics education. In this context the Mathematicians, Educationists, Teacher Educators, Research Scholars, Academicians and Teachers are invited to share their thoughts, experiences, researches in the conference which is being organised by NCERT to observe the **National Mathematics Day** to mark the birth anniversary of **Srinivasa Ramanujan**.

## THEMES and SUBTHEMES OF THE SEMINAR

### 1. Connecting past and present in Mathematics Education

- Ethno-mathematics
- History of Mathematics which is relevant to present Mathematics

### 2. Assessment in Mathematics Education

- School based assessment in mathematics.
- Comparison between India and other countries on the basis of assessment.

### 3. Innovative practices in Mathematics Education

- Best practices in
  - ❖ Early Childhood Education
  - ❖ Elementary Education
  - ❖ Secondary Education
  - ❖ Teacher Education

### 4. Mathematics Learning- Issues and Concerns

- Social and Psychological barriers in Mathematics Learning and Interventions
- Comparison of Mathematics syllabus of different countries with respect to India.
- Developing support system for self-learning in Mathematics
- Language and Mathematics
- Mathematics for inclusive classroom

## 5. Mathematics in School Curriculum

- Pedagogical aspects of Mathematics
- Developing cognitive ability in Mathematics Education
- Interdisciplinary approaches in Mathematics
- ICT/ Math Lab integration in Mathematics learning

## 6. Popularisation of Mathematics Education

- Role of Mathematical societies and organisations
- Mathematical events/ seminars/ conferences/ Workshops/ exhibitions

## 7. Recent development in Mathematics Education

- Researches in Mathematics Education
- Important Events on Mathematics

## CALL FOR PAPERS

Interested Researchers, Teachers, Teacher Educators, Pedagogues, Research Scholars, Students are requested to send abstracts in the prescribed format. The abstract should be typed in MS Word with Font Size 12, line spacing 1.5, and within 300 words. The full paper is also to be written in the same format within 5000 words substantiated with relevant data related to the themes and subthemes of the conference. **Participants are requested to Highlight the theme and the sub-theme of their paper.** The Abstract should be accompanied by 4/5 key words. Pictures/ Diagrams used in the paper to be sent separately in JPG file along with the paper. The abstract and full paper can be emailed to: [mathsconference18@gmail.com](mailto:mathsconference18@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

## Plagiarism Alert:

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

## Travel and Accommodation

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

Arrangements for food and accommodation will be made in NIE Guest House/ Hostel, on request basis for the non-local participants (for maximum one author of a paper)

## HOW TO REACH NCERT

NCERT, Delhi can be reached easily by road as well by metro. It is around 12 kms from IGI airport via road and there is a metro connectivity from Terminal-1 IGI airport to Hauz Khas. From New Delhi railway station and Old Delhi railway station, it is also well connected by the metro. Participants can take the metro and get down at Hauz Khas metro station. From Hauz Khas metro station, participants may take autorickshaw or public bus to reach NCERT, which is approx. 1.5 km away. Participants may also come by taxi directly to NCERT.

## WEATHER INFORMATION

In Delhi, the month December is generally cold, so the participants are advised to come with sufficient winter clothing like Jacket, Sweater, thermal wear, Shawl or any other warm cloth as per their suitability.

## OUTCOME OF THE CONFERENCE

The three day Conference will provide a sharing platform for the participants to deliberate on the scenario of Mathematics Education. The proceedings of the conference will be published and shared with the stakeholders for improvement of mathematics education.