



**National Seminar
on
Innovations in
Science and
Mathematics Education**

Date: 15th February, 2020

**Under
the Aegis of
IASE Programme
2019-2020**

Venue:

**Department of Education (CIE)
University of Delhi
33' Chhatra Maarg,
New Delhi –110007**

About University of Delhi

The University of Delhi is a premier university of the country with a venerable legacy and international acclaim for highest academic standards, diverse educational programmes, distinguished faculty, illustrious alumni, varied co-curricular activities and modern infrastructure. Over the many years of its existence, the University has sustained the highest global standards and best practices in higher education. Its long-term commitment to nation building and unflinching adherence to universal human values are reflected in its motto: 'Nishtha Dhriti Satyam'.

Established in 1922 as a unitary, teaching and residential University by the Act of the then Central Legislative Assembly. Beginning with three colleges and 750 students, it has grown as one of the largest universities in India with 16 faculties, over 80 academic departments, an equal number of colleges and over seven lakh students. Over 500 programmes offered by the University are approved by Academic and Executive Councils, out of which 209 programmes are being considered for NAAC accreditation purpose. The rest being run in colleges are separately accredited.

About Department of Education (CIE)

The Department of Education, University of Delhi, earlier known as CIE, is perhaps the first major institution of professional learning and research in Education that was established since independence. The first Prime Minister of India, Pandit Jawaharlal Nehru and his first Education Minister, Maulana Abul Kalam Azad took considerable interest in its establishment in 1947 and activities and progress in those early years.

Over these past decades, the Department has indeed grown into a pace-setting institution in Teacher Education and Educational Research. Recognized as the Institute of Advanced Studies in Education (IASE) and having launched the Maulana Azad Centre for Elementary and Social Education (MACESE), the Department has shaped its unique philosophy, which finds reflection in its all the programmes through inculcating core values of democracy, freedom, dedication, creativity, social responsibility, diversity, inclusion, collaborative and experiential learning, innovation, sincerity and excellence.

Concept Note

The principle goal of science and mathematics education is to create an individual who could be capable of critically analyses any phenomena. The National Curriculum Framework (2005) recommended that classroom knowledge should derive from children's experience and enable them to construct knowledge that present a great challenges and opportunity to bring desire changes in a systematic manner. NCF (2005) also focuses on issues with respect to science and mathematics teaching in India firstly science and mathematics education is still far from achieving the goals of education, secondly science and mathematics education even at its best, develops competence but does not encourage inventiveness creativity, third overpowering examination system is a fundamental problem for science and mathematics education in India. This seminar is an attempt to disseminate the ideas of teacher educators, researchers, teachers and students about science and mathematics education.

The purpose of the program is to explore the innovative practices adapted by the teachers and teacher educators.

Idea of the program is also to explore the challenges and issues arises before the teachers and teacher educators while implementing these practices in real classroom challenges.

Main Themes of the Seminar :

- **Policy Perspectives in Science and Mathematics Education**
- **Current Challenges and Issues in Science and Mathematics Education**
- **Pedagogical Innovations in Science and Mathematics Education**
- **Practical Aspects of Science and Mathematics Education**

We are planning to organize a workshop with the students of pedagogy of science and mathematics of Department of Education (CIE) to further explore ideas to make classroom teaching of science and mathematics effective and meaningful.

Call for Paper:

We are happy to invite unpublished and authentic research papers from Faculty, Research Scholars, students and practitioners on theme and sub-themes related to Science education as well as Mathematics education. Paper should be original, well-organized and free from plagiarism. The participants should send their abstract and full paper on the e-mail ID isme.cie.2020@gmail.com

Important Dates:

Last Date of Submission Paper along with Abstract: 25th January, 2020.

Seminar Date: 15th February, 2020

Guideline to Authors:

The authors should submit their paper in English or Hindi in single Column as per the following guidelines.

- **File:** M S Word
- **Page Size:** A4
- **Margin:** 1" on all the four sides
- **Font:** Times New Roman (English) . Paper in Hindi language must attach font file along with font name in E-mail.

Reference list must be cited in the text in alphabetical order in the APA format. No Hand written paper will be accepted

Registration:

No Registration Fees

TA and DA:

No TA, No DA will be given

For any Queries and Assistant Contact to

Convenors

Dr. Sunil Kumar Dr. Pinkal Chaudhari

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