

**National Conference On Mathematics Education
at
Regional Institute of Education (RIE), Bhubaneswar
(Report)**

Mathematics education is a key to increase the post-school and citizenship opportunities of young people, but today, it is observed that many students struggle with Mathematics and become disaffected as they continually encounter obstacles to engagement with Mathematics. It is imperative, therefore, to understand what effective Mathematics teaching looks like—and what teachers can do to break this pattern. The teaching community is engaged in addressing the concerns related to the learning of Mathematics by the students, like, how teaching of Mathematics affects the learning attitude of Mathematics in the learners including learners with disabilities; *what* Mathematics should be learned and how; how to engage children in the meaningful learning of Mathematics; how Information and Communication Technology (ICT) can be used to improve transaction of Mathematics especially in large classroom sizes, etc. The practitioners researchers at different places try to innovate methods to make learning of Mathematics accessible to the learners and in turn gain some experience. These experiences need to be shared among the teachers, teacher educators and students for the benefit of the learners' community. NCERT has taken initiative to provide a platform to bring all such practitioners in the field of Mathematics together by organising

National conference in Mathematics Education. This is held every year in one of the RIEs of NCERT in rotation on or around 22nd December, the birth anniversary of the great Mathematics legend S.Ramanujan. Experts, teachers, teacher educators, researchers and students in the field of Mathematics from all over the country participate in this event and make their presentations on the given themes and subthemes of the conference based on their first hand experiences in the field. This is accompanied by thought provoking discussions on the given deliberations.

In this series, the next conference was at RIE, Bhubaneswar on 19-20 December 2016. The themes for this year were:

- ◆ Professional Development of (pre-service and in-service) Mathematics Teachers
- ◆ ICT in Mathematics Education
- ◆ School Mathematics Curriculum
- ◆ Mathematics in nature and other disciplines
- ◆ Twenty-first century Mathematics learning-issues and challenges
- ◆ Assessment in school Mathematics
- ◆ Interventions in early school Mathematics
- ◆ Mathematics laboratory and other learning resources