

The National Academy of Sciences, India

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National Mathematics Day - 2016

Two-day Workshop on Foundations of Mathematics

The National Academy of Sciences, India (NASI), at Allahabad in cooperation with HRI, Allahabad is organizing a two-day workshop on Foundations of Mathematics to celebrate the National Mathematics Day. The workshop will be held during December 22-23, 2016 at the headquarters of NASI under the Convenorship of Prof. Satya Deo, HRI, Allahabad. It will be meant for those B.Sc, B.Tech and M.Sc. students of universities of the country and their affiliated colleges who are interested in learning the basic set theory and mathematical logic at an advanced level. Mathematical Logic and Set Theory are the fundamental tools with which every student who is learning or using mathematical ideas, must be familiar with. The following topics will be the main theme of the workshop: Mathematical logic, basic set theory, countable and uncountable sets, well-ordered sets, ordinal and cardinal numbers, continuum hypothesis and the generalized continuum hypothesis, a brief introduction of the Goedel's theorem.

The workshop will include lectures as well as interactions with the participants. The timetable will be issued in due course of time.

Resource Persons:

Prof. Satya Deo (HRI, Allahabad), Prof. S.S. Khare (NEHU, Shillong), Prof. Ramji Lal (HRI, Allahabad), Prof. H.K. Mukherjee (NEHU, Shillong), Prof. Ravindra Shukla (University of Allahabad) & Dr. Bhupesh Tripathi (CMP College, Allahabad).

Participants:

There is no registration fee; and boarding and lodging will be free of cost. The applications on plain paper, stating their full qualifications and the place of study, must be submitted to:

Executive Secretary, National Academy of Sciences, 5,Lajpatrai Road, Allahabad-211002. Email: nasi.allahabad1@gmail.com