



National Centre for Mathematics

www.ncmath.org

(A joint centre of TIFR and IIT Bombay)

Advanced Training in Mathematics Schools

www.atmschools.org

(Supported by National Board for Higher Mathematics)



Annual Foundation School III

Venue : University of Pune, Pune

3rd to 29th June, 2013

Organisers : Prof. S.A. Katre & Prof. V.V. Joshi

Brief description of ATM Schools

Advanced Training in Mathematics (ATM) Schools are a joint effort of a large number of mathematicians across the country, with support from the National Board for Higher Mathematics. The programmes are conducted in reputed mathematics departments in Summer and Winter every year. The emphasis in these Schools is on solving problems, and on the relations between basic areas of mathematics. The schools are intended mainly for Ph.D. students and lecturers. Applications are now invited for participation in the

Advanced Foundation School III, 2013

Basic knowledge in algebra, analysis and topology forms the core of all advanced instructional schools organized in the ATM programme. The objectives of the Annual Foundation Schools (AFS) are to bring up students with diverse backgrounds to a common level and to identify those who are fit for further training. Any student who wishes to attend the advanced instructional school is strongly encouraged to enroll in the Annual Foundation Schools first. The courses in AFS III will cover basic topics in field theory, complex analysis, and differential geometry. In addition, there will be two Unity of Mathematics lectures, which will highlight interactions between different branches of mathematics.

Eligibility for participation

AFS-III will admit 30 students in the first and second years of the Ph.D. programme, a few students of M.Sc (II year), and a few university lecturers and college teachers who lack the knowledge of basic topics covered in these schools.

Financial Support

Selected participants will be paid AC 3-tier return train fare from their place of work to the venue by the shortest route and will be provided with accommodation and local hospitality.

How to apply

Application form and other information about the programme are available on the following website :

[Http://www.atmschools.org/2013](http://www.atmschools.org/2013)

Completed application forms should reach :

Prof. S.A. Katre / Prof. V.V. Joshi

Department of Mathematics

University of Pune, Pune - 411007

Email : sakatre@gmail.com / vvj@math.unipune.ac.in

Last date for receiving completed application is :

3rd January, 2013

List of selected candidates will be posted on the above mentioned website on: **17th January, 2013**

Resource Persons

Prof. S.A. Katre (University of Pune)

Prof. Dilip Patil (IISc, Bangalore)

Prof. J.K. Verma (IIT Bombay)

Prof. Parvati Shastri (Mumbai Univ. Retd)

Prof. Diganta Borah (IISER, Pune)

Prof. Kaushal Verma (IISc, Bangalore)

Prof. Ravi Kulkarni (Bhaskaracharya Pratishthana Pune)

Prof. A.R. Shastri (IIT Bombay)

Prof. Mahuya Datta (ISI, Kolkata)

Prof. H. Bhate (University of Pune)

Unity of Mathematics :

Prof. M.S. Raghunathan (NCM, Mumbai)

Prof. Dinesh Thakur (Univ. of Arizona, USA)