



# National Centre for Mathematics

[www.ncmath.org](http://www.ncmath.org)

(A joint centre of TIFR and IIT Bombay)

## Advanced Training in Mathematics Schools

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

(Supported by National Board for Higher Mathematics)



### Annual Foundation School - II

Venue : IIT Kanpur

6<sup>th</sup> May to 1<sup>st</sup> June, 2013

Organisers : Prof. S. Dutta and Prof. S. Chavan

#### 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 following school.

#### Annual Foundation School II

This school is aimed at students in their first and second years of Ph. D. program. Basic knowledge of Analysis, Algebra and Topology is required. We will be covering Ring Theory, Functional Analysis and Algebraic Topology. There will be intensive problem sessions in the tutorials.

#### Eligibility for participation

The school will admit 30 students in their first or second year of Ph. D. program. A participant who has attended an AFS-II before will not be admitted in this school.

#### 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>

Completed application forms should reach :

**S. Dutta** ([sudipta@iitk.ac.in](mailto:sudipta@iitk.ac.in))

**S. Chavan** ([chavan@iitk.ac.in](mailto:chavan@iitk.ac.in))

**Department of Mathematics and Statistics  
Indian Institute of Technology Kanpur  
Kanpur 208016, U.P. India**

Last date for receiving completed application is :

**December 6, 2012**

List of selected candidates will be posted on the above mentioned website on :

**December 20, 2013**

#### Resource Persons

**Vishnu Namboodiri (Central Univ. Hyd.)**

**Rekha Santhanam (IIT Bombay)**

**Mahuya Datta (ISI Kolkata)**

**Alok Maloo (IIT Kanpur)**

**P Shunmugaraj (IIT Kanpur)**

**N Nilakantan (IIT Kanpur)**

**P Mohanty (IIT Kanpur)**

**S Chavan (IIT Kanpur)**

**S Dutta (IIT Kanpur)**

**Unity in Mathematics Lectures:**

**G Misra (IISc, Bangalore)**

**B. V. Rajarama Bhat (ISI, Bangalore)**