



# 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 - I

*Venue : Kerala School of Mathematics, Kozhikode*

*02<sup>nd</sup> to 28<sup>th</sup> December, 2013*

**Organisers : M. Manickam & B. Ramakrishnan**

#### 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 the 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 I

Basic knowledge in algebra, analysis and topology forms the core of all advanced instructional schools organized in this programme. The objectives of the Annual Foundation Schools (AFS), are to bring up students with diverse backgrounds to a common level. Any student who wishes to attend advanced instructional schools is strongly encouraged to enroll in the Annual Foundation Schools first. The courses in AFS-1 will cover basic topics Group Theory, Analysis and Topology.

#### Eligibility for participation

I<sup>st</sup> and II<sup>nd</sup> year Ph.D. students.

#### Financial Support

Selected participants will be paid AC 3-tier return train fare or ST bus from their place of work to the venue by the shortest route and will be provided with free 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 :**

**The Director,  
Kerala School of Mathematics,  
Kunnamangalam, Kozhikode,  
Kerala - 673571  
Email: [director.ksom@gmail.com](mailto:director.ksom@gmail.com)**

**Last date for receiving completed application is :**

**15<sup>th</sup> July, 2013**

**List of selected candidates will be posted**

**on the above mentioned website on :**

**25<sup>th</sup> July, 2013**

#### Resource Persons

A.J. Jayanthan	University of Goa
M. Manickam	KSOM, Kozhikode
B. Ramakrishnan	HRI, Allahabad
P. K. Ratnakumar	HRI, Allahabad
K. Sandeep	TIFR CAM, Bangalore
P. Sankaran	IMSc, Chennai
Sanoli Gun	IMSc, Chennai
G. Santhanam	IIT, Kanpur
R. Thangadurai	HRI, Allahabad