



Advanced Training in Mathematics Schools

Supported by National Board for Higher Mathematics

Fourth Annual Foundation School-Part II

Venue: University of Hyderabad, Hyderabad

5 - 31 May, 2008

Convener: Rajat Tandon

Brief Description of ATM Schools

Advanced Training in Mathematics (ATM) Schools are a joint effort of more than 50 active researchers across the country with support from the National Board for Higher Mathematics. The programmes are conducted in reputed mathematics departments in Summer and Winter each year. In these Schools, the emphasis will be on problems solving and on highlighting inter-relations of basic subjects in mathematics. The schools are offered mainly for Ph.D. students and lecturers.

The students who have attended AFS-I will be given preference for selection in AFS-II.

Fourth Annual Foundation School-Part II

Basic knowledge in algebra, analysis, and topology forms the core of all advanced instructional schools to be organized in the ATM programme. The objectives of the Annual Foundation Schools are to bring students with diverse backgrounds up to a common level and to identify those who are fit for further training. Any student who wishes to attend the Advanced Instructional Schools is encouraged to enrol in the Annual Foundation Schools. In this Foundation School, courses of lectures will cover basic topics in algebra, analysis and topology. There will also be three lecture series entitled Unity of Mathematics Lectures which will cover topics highlighting fundamental unity among various branches of mathematics.

Eligibility for participation

The School will admit 40 students in their first and second years of Ph.D. programme, a few bright students of M.Sc. (IInd year) and a few young university lecturers and college teachers. A participant who has attended an AFS-II before will not be allowed to attend this school.

National Coordinating Committee

Director	R. S. Kulkarni	IIT Bombay
Secretary	J. K. Verma	IIT Bombay
Members	S. D. Adhikari	HRI, Allahabad
	Satya Deo	HRI, Allahabad
	S. A. Katre	Pune U., Pune
	Shobha Madan	IIT Kanpur
	I. B. S. Passi	Panjab U., Chandigarh
	R. A. Rao	TIFR, Mumbai

Financial Support

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

How to Apply

The syllabus, applications form and other information about the programme is available on the website:

<http://www.math.iitb.ac.in/atm>

or

www.bprim.org

Applications may also be made on plain paper, giving the following information: Name, Date of Birth, Age, Gender, Institute/Department, Areas of interest, Address for correspondence, email address, phone no., City, State, Pincode, Academic Record: B.Sc./M.Sc./ with names of the Institutes. These should be attested by Head/Principal of the institute.

Application forms should be mailed to:

Prof. Rajat Tandon
Convener (AFS-II)
Head, Dept of Maths and Stats,
University of Hyderabad,
Gachi Bowli, Hyderabad 500046.
Phone: (O) 040-23134006, Fax: 23011469
(R) 040-23010272.

email: rajattan@gmail.com, rtsm@uohyd.ernet.in

Completed application forms should reach by Monday, 31st March, 2008.(Extended, 25th April.) List of selected candidates will be posted on the website of ATM Schools on **Saturday, 5th April, 2008.**(Extended, 30th April.)

Resource persons

R. C. Cowsik	T.K.S. Moothathu	Upendra Kulkarni
Rajat Tandon	S. Ilangoan	R. R. Simha
V. Suresh	Amber Habib	Kaushal Verma

Unity of Mathematics Lectures

Ravi Kulkarni M. S. Raghunathan Alladi Sitaram