



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



Instructional School for Teachers on Functional Analysis

Venue: Indian Statistical Institute, Bangalore
4th - 16th March, 2013

Organiser : T. S. S. R. K. Rao

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 institutions 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.

Instructional School for Teachers on Functional Analysis

This school is aimed at Lecturers in colleges and Universities who teach Analysis. Knowledge of several advanced topics in Functional Analysis is now a pre-requisite for students intend to persue research in Analysis. We plan to cover, rapidly during the first week, basic Functional Analysis, theory of topological vector spaces and operator theory. The second week will be devoted to selected advanced topics from Geometry of Banach spaces, approximation theory, operator theory and operator algebras.

Eligibility for participation

Applications are invited from Lecturers in Mathematics who have passed NET / SET or equivalent examination and who are teaching at a college / university. Students doing M.Phil may also be considered for the school. Applicants below the age of 35 will be given preference.

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 the organiser at the following address :

Prof. T. S. S. R. K. Rao
Indian Statistical Institute
R.V. College Post, Bangalore 560059

by 4th January, 2013.

The selected candidates list will be posted at the website of ATM schools by **8th January, 2013**. They can also send applications in the prescribed format by email to : **srin@fulbrightmail.org**

Resource Persons

Prof. B.V. Rajarama Bhat	ISI, Bangalore
Prof. Jaydeb Sarkar	ISI, Kolkata
Prof. S.H. Kulkarni	IIT, Madras
Prof. Sudipta Dutta	IIT, Kanpur
Prof. V. Indumathi	Pondicherry University
Prof. Anil Karn	NISER, Bhubaneswar
Prof. G. Ramesh	Central Univ., Hyderabad

Unity in Mathematics Lecture:

Prof. S. Thangavelu, IISc, Bangalore