



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)



Advanced Instructional School in Analytic Number Theory

Venue : KIIT University, Bhubaneswar

10th to 30th June, 2013

Organisers : Prof. K. Srinivas, Prof. Veena Goswami

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

Advanced Instructional School in Analytic Number Theory

A fundamental object of study in Analytic number theory is the distribution of primes. Many problems in mathematics require the techniques of analytic number theory. Analytic number theory is extensively used in cryptography. The aim of this school is to equip researchers with the fundamental techniques and tools of analytic number theory, expose them to current developments in the subject and show them some future directions.

Eligibility for participation

Applications are invited from research scholars having fellowship who are working on problems in Analytic Number Theory for their Ph.D. thesis. Students who have done well in the past Advanced Foundation Schools, post doctoral fellows who have done their Ph.D. in Analytic Number theory and university faculty members who teach analytic number theory may also apply. The selection will be based on recommendation letters and performance in M.Sc / Ph.D courses.

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 :

Prof. K. Srinivas

The Institute of Mathematical Sciences

C.I.T. Campus, Taramani-PO

Chennai-600 113

ais.ant2013@gmail.com

Last date for receiving completed application is :

January 8, 2013

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

January 25, 2013

Resource Persons

Prof. T. N. Shorey, IIT Bombay
Prof. A. Mukhopadhyay, IMSc Chennai
Prof. R. Thangadurai, HRI, Allahabad
Prof. Ram Murty, Queens Univ, Kingston, Canada
Prof. R. Padma, VIT Vellore
Prof. K. Srinivas, IMSc Chennai

Special Talks by:

Prof. A Sankaranarayanan, TIFR, Mumbai
Prof. Sukumar Adhikari, HRI, Allahabad
Prof. M: Ritabrata Munshi, TIFR, Mumbai
Prof. Dipendra Prasad, TIFR, Mumbai
Prof. R. Balasubramanian, IMSc, Chennai