



# 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)



### Instructional School for Teachers on Advanced Complex Analysis

**Venue : Central University of Rajasthan, Bandar Sindri, Kishangarh**

**24<sup>th</sup> June to 13<sup>th</sup> July, 2013**

**Organisers : Prof. A.P. Singh & Dr. J.K. Prajapat**

#### 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

#### Instructional School of Teachers on Advanced Complex Analysis

Complex Analysis is a branch of Mathematical Analysis that investigates functions of complex variables. It is a beautiful subject having applications in mathematics and other field of science. In this instructional school, apart from refreshing the basics, we plan to cover topics on analytic continuation, infinite products, Riemann mapping theorem and its consequences, geometric function theory, complex dynamics, Nevanlinna theory and functions of several complex variables.

#### Eligibility for participation

Applications are invited from lecturers in mathematics who have passed NET/SET or equivalent examination and who are teaching complex analysis at a college / university. Teachers below the age of 35 will be given preference. The number of participants selected would be restricted to 30.

#### 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. A. P. Singh,**

Department of Mathematics

Central University of Rajasthan,

Bandar Sindri, Kishangarh - 305801 (Rajasthan)

Email: [singhanandp@rediffmail.com](mailto:singhanandp@rediffmail.com)

(M) 9530210278

Last date for receiving completed application is :

**20 January, 2013**

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

**30 January, 2013**

#### Resource Persons

- Prof. S.S. Bhoosnurmath, Karnataka Univ., Dharwar
- Prof. S. P. Goyal, University of Rajasthan
- Prof. R. S. Kulkarni, IIT Bombay
- Dr. J. K. Prajapat, Central University of Rajasthan
- Prof. S. Ponnusamy, IIT Madras
- Prof. R. K. Raina, MPUAT, Udaipur
- Prof. V. Ravi Chandran, Delhi University
- Prof. A. P. Singh, Central University of Rajasthan
- Prof. A. R. Shastri, IIT Bombay
- Prof. G. S. Srivastava, JIITU, Noida
- Prof. Kaushal Verma, IISc, Bangalore