



Advanced Training in Mathematics Schools

Supported by National Board for Higher Mathematics

Advanced Training School for Lecturers in *Functional Analysis-II*

Venue: Bhaskaracharya Institute of Mathematics, Pune

3-15 November, 2008

Conveners: V. M. Sholapurkar, A. Mangasuli

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. Presently we invite applications for participation in

ATM School for Lecturers in **Functional Analysis-II**

Brief description of the school: This program is meant for Lecturers in Colleges and Universities who do teaching of Postgraduate courses in Functional Analysis.

In this school, topics in Functional Analysis such as *Spectral Theorem for Normal Operators on Finite Dimensional Inner Product Spaces, Hilbert Spaces, Adjoint of an operator, Spectral Theorem for compact normal operators on Hilbert Spaces* will be covered.

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. Teachers below the age of 30 will be given preference.

The participants of ATML in Functional Analysis (ISI Bangalore, June 2008) will also be given preference.

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 websites:

<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, City, State, Pincode, Academic Record: B.Sc./M.Sc. with names of the Institutes, additional information (if any). These should be attested by Head/Principal of the institute.

Completed application forms should reach

V. M. Sholapurkar

Co-ordinator (ATML)

C/o Bhaskaracharya Pratishthana

56/14, Erandavane, Damle Path,

Off Law College Road, Pune - 411 004.

email: atmbim@gmail.com

Phone / Fax: 91-20-25434547

by **Monday, 25th August, 2008**. List of selected candidates will be posted on the websites of ATM Schools on **Monday, 1st September, 2008**.

Resource persons

S. H. Kulkarni	I. I. T, Chennai
Hemant Bhate	University Pune, Pune
V. M. Sholapurkar	S. P. College, Pune
A. Mangasuli	B. I. M., Pune
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