

National Mathematics Year



Workshop on Dynamical Systems

Venue: IIT Bombay
2-7 April 2012

As a preparation for the Panorama Lectures by Prof. Ghys, there will be a workshop on dynamical systems at IIT Bombay during 2 - 7 April. The topics to be covered are: curvature on manifolds, vector fields as 1-parameter subgroups, some Riemannian geometry with special attention to hyperbolic manifolds, discrete groups of isometries, Poincare-Bendixson theory.

Speakers

Siddhartha Bhattacharya	TIFR, Mumbai
Manoj Choudhury	TIFR-CAM, Bangalore
S. G. Dani	TIFR, Mumbai
Mahan Mj	RKMVU, Belur Math
M. S. Raghunathan	IIT Bombay

Eligibility for participation

Applications are invited from NET/SET/NBHM qualified Ph.D. scholars and post-doctoral fellows and young faculty members.

Financial Support

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

How to Apply

The syllabus, application forms and other information about the programme are available on the website:

[Http://www.atmschools.org](http://www.atmschools.org)

Application on plain paper may also be sent by post. The following information needs to be included in the application: (1) Full Name (2) Date of birth (3) Date of joining Ph. D. programme and department where enrolled (4) Scholarship held (5) Gender (6) Mailing Address and email address. (7) Telephone number (8) Is accommodation required? (9) Name of thesis advisor and broad research area. Paper applications or applications by email must reach the addresses given below by 5 March, 2012.

Prof. Akhil Ranjan
Mathematics Department, IIT Bombay
Powai Mumbai 400 076 : e-mail: ghyslectures@gmail.com

List of selected candidates will be posted on the websites of ATM Schools on 7 March, 2012.