



INDIAN INSTITUTE OF TECHNOLOGY BOMBAY
NATIONAL PROGRAMME ON DIFFERENTIAL EQUATIONS:
THEORY, COMPUTATION & APPLICATIONS
NPDE-TCA - 2012
(Sponsored by DST)

INSTRUCTIONAL SCHOOL ON DIFFERENTIAL EQUATIONS
INSTITUTE OF MATHEMATICS AND APPLICATIONS, BHUBANESWAR
May 7 - 26, 2012

IIT Bombay is pleased to announce a 3 week Undergraduate Training Programme under the auspices of NPDE-TCA at IMA, Bhubaneswar during May 7 - 26, 2012.

OBJECTIVES :

- To introduce participants to new vistas in the area of differential equations through modelling and scientific computing.
- To expose participants to scientific computing lab with hands on computing.
- To provide a flavour of Applicable Mathematics by illustrative applications of mathematical techniques to practical problems.

TARGET AUDIENCE :

- B.Sc. students with Mathematics as one of the subjects (2nd Year Completed)
- B.Tech. / B.E. students (2nd Year Completed) OR
- Young Mathematics teachers from Colleges / Universities

THEME :

“Catch them young”

MAIN TOPICS :

Linear Algebra, Analysis, Mathematical Modelling, Ordinary Differential Equations, Basic Numerical Analysis and Scientific Computation pertaining to Ordinary Differential Equations.

RESOURCE PERSONS:

Mohan C. Joshi, IIT Bombay; Narahari Parhi, NISER Bhubaneswar; Raju K. George, IIST, Trivandrum; P.Shunmugraj, IIT Kanpur; B.V. Ratish Kumar, IIT Kanpur; Purna Chandra Das, NISER, Bhubaneswar; Neela Nataraj, IIT Bombay; Mythily Ramaswami, TIFR Bangalore; Amiya K. Pani, IIT Bombay.

LOCAL ORGANISING COMMITTEE:

Swadhin Pattanayak, Director, IMA, BBSR; Purna Chandra Das NISER, BBSR; S. Sahoo, IMA, BBSR; J. Patel, Utkal University, BBSR; Mohan C. Joshi, IITB, Mumbai.

PARTICIPATION :

To participate in the training programme, fill in the required form which can be downloaded from the website: <http://www.math.iitb.ac.in/~npde-tca> and email to: npde-tca@math.iitb.ac.in. You can also mail the form by post to the following contact address.

Last date of receipt of application: *March 31, 2012*

Selection of participants will be based on their academic records and recommendation letters.

List of selected participants will be put on the webpage by *5th April, 2012.*

CONTACT :

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