



INDIAN INSTITUTE OF TECHNOLOGY BOMBAY

**NATIONAL PROGRAMME ON DIFFERENTIAL EQUATIONS:
THEORY, COMPUTATION & APPLICATIONS
NPDE-TCA-2014, IIT Bombay
(Sponsored by DST)**



**UNDERGRADUATE LEVEL TRAINING PROGRAMME ON
DIFFERENTIAL EQUATIONS**

**VENUE :
MAULANA AZAD NATIONAL INSTITUTE OF TECHNOLOGY, BHOPAL
May 26th – June 14th, 2014**

IIT Bombay is pleased to announce a 3 Week Undergraduate Training Programme on Differential Equations under the auspices of NPDE-TCA at MANIT, Bhopal during May 26th – June 14th, 2014.

OBJECTIVES:

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

TARGET AUDIENCE:

Undergraduate students of universities and colleges all across India.

THEME:

Catch them young.

MAIN TOPICS:

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

TENTATIVE RESOURCE PERSONS:

R. Vittal Rao (IISc Bangalore); P.S. Datti (TIFR-CAM, Bangalore); K. Sreenadh (IIT Delhi); Peeyush Chandra (IIT Kanpur); Sunita Gakkhar (IITR); Prashant Srivastava (IIT Patna); Amiya K. Pani (IIT Bombay); Mohan C. Joshi (IIT Gandhinagar); Rama Rawat, B.V. Rathish Kumar (IIT Kanpur); P. Dhanumjaya (BITS-Pilani, Goa); S. Sundar (IIT Madras); V. Raghavendra (LNMIIT, Jaipur)

LOCAL ORGANIZING COMMITTEE: Kamal Raj Pardasani (MANIT Bhopal)

CO-ORDINATORS: Peeyush Chandra, B.V. Rathish Kumar (IIT Kanpur) and Kamal Raj Pardasani (MANIT Bhopal)

PARTICIPATION:

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

CONTACT:

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Email: npde.2012@gmail.com, Phone: 022-25764765

*Last date of receipt of application: **April 6, 2014***

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

*List of selected participants will be put on the web page by **April 8, 2014***