



**NATIONAL PROGRAMME ON DIFFERENTIAL EQUATIONS :  
THEORY, COMPUTATION & APPLICATIONS NPDE-TCA 2016  
(Sponsored by DST)  
MODELLING WEEK AND STUDY GROUP MEETING  
(MWSGMIP-2016)**



**Modelling Week : 10 - 14 March, 2016  
Study Group Meeting : 15 – 19 March, 2016**

**Venue : ITM Universe, Vadodara**

The Institute of Technology & Management Universe, Vadodara, in collaboration with the Department of Applied Mathematics, M. S. University of Baroda, Vadodara and Industrial Mathematics Group at IITB will be hosting Modelling Week (MW) during **10 - 14 March** and Study Group Meeting (SGM) during **15 –19 March, 2016** at ITM Universe, Vadodara under the National Programme On Differential Equations :Theory, Computation & Applications. (NPDE-TCA 2016).

One of the objectives of the MW & SGM is to give exposure to Research Scholars and young faculty members to live industrial problems requiring mathematical solutions. This can be achieved through:

- MW - Modelling of some sample case studies from industrial problem emphasizing its importance in real life problems.
- SGM - Problem solving activity pertaining to specific raw problems coming from industries.

**TARGET AUDIENCE :**

Post-graduate (Mathematics) Students, Research Scholars, Young Researchers from Academic Institutes and universities. Engineers and scientists from Research and Development organizations and Industry.

**PLAN FOR THE MEETING :**

Scientists, Engineers, Economists, Managers, Financial Analysts and other user community will be invited to present their technical problems. It will be the endeavour of the participants to provide useful directions toward viable solutions for problems through intense sessions of brainstorming.

**PROBLEMS:**

Targeting 6-8 problems from Industries around Vadodara like ABB, ERDA, L&T, IRS, ONGC, Joyti Ltd. Metal Power, Mumbai, Pattern Recognition Centre, Bangalore and others.

We, therefore, invite all those who are interested, to apply for participation in these important academic events. Efforts will be made to provide financial support for travel, boarding and lodging for all selected participants from Academics. Selection will be based on merit.

**RESOURCE PERSONS :**

Modelling Week:

B. M. Shah; V. O. Thomas; J. Tyagi; V. H. Pradhan; V.D. Phatak; M. C. Joshi; H. D. Dedania; P. S. Katawala; M. N. Mehta; Trupti Desai

Study Group Meeting :

V. D. Phatak; M. C. Joshi; A. K. Pani; D. C. Vakaskar; S. Ramamohan; S. Panda (NIT, Calicut); Piyush Chandra; Sukavanam (IIT Roorkee); R. K. George (IIST Trivandrum); Vasudev Murthy (TIFR, Bangalore); Nandakumar (IISc, Bangalore); S. K. Vij, S. Sundar (IIT Madras)

**LOCAL SECRETARIES:**

D. C. Vakaskar and Dr. Som Sahani

**CO-ORDINATORS :**

V. D. Pathak and Sanjay kumar Vij

**PARTICIPATION:**

To participate in this program, fill in the required registration form which can be downloaded from the website: <http://www.npde-tca.math.iitb.ac.in/> and email to: [npde.atmp@gmail.com](mailto:npde.atmp@gmail.com).

**PARTICIPATION FEES:**

	Modeling Week	SGM
Students / Research scholars:	Rs. 500 /-	Rs. 500 /-
Participants from Academia:	Rs. 1000 /-	Rs. 1000 /-
Participants from Industries:	Rs. 2500 /-	Rs. 2500 /-

**CONTACT :**

Convenor, NPDE-TCA, Department of Mathematics, IIT Bombay, Powai, Mumbai – 400076. E-mail: [npde.atmp@gmail.com](mailto:npde.atmp@gmail.com). Phone: 022-25764765.

**Last Date of Receipt of Application: 23<sup>rd</sup> February, 2016.**

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

**List of Selected Participants will be put on the web page: 24<sup>nd</sup> February, 2016**

**Participation Fees will be collected at the time of Registration at the Venue.**

**Demand Drafts (DD) should be payable in favour of "ITM Universe Seminar & Conference" payable at State Bank of India, Jarod Branch (Branch Code: 13356)**