Organizing Committee :

Patron : Dr. Jayeshkumar S. Patel

Coordinator : Prof. Tejal B. Shah

Co-Coordinators : Prof. Mala Parihar
Prof. Shyam Vir Singh

Committee Members : Prof. Chirag Trivedi
Prof. Jankhana Patel
Prof. Tulsi Gandhi
Prof. Atul Kolte
Prof. Anubhuti Raturi
Prof. Rashmita Jane

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विद्या परं दैवतम् ।

One Day State Level Seminar
On

Emerging Trends in
Mathematical Modeling for
Engineering Research

7th January 2012, Saturday

8:30 am to 5:00 pm

Organized by :

Vadodara Institute of Engineering

Kotambi, Dist.: Vadodara - 391510

About the Institute

Vadodara Institute of Engineering was established in June 2009 with a mission to create a challenging learning environment within and beyond the classroom that encourages students' development. The institute is affiliated to Gujarat Technological University (GTU), Ahmedabad. The institute is located in incredible pleasant and peaceful environment, 19 km away from Vadodara Railway Station and 15 km away from Vadodara Airport. Institute holds in its lap state of art well equipped laboratories, well stocked rich library, ultra modern equipped computer center, unique classroom and other facilities to support the learning process of the students.

The IT department of the institute has recently achieved 6th rank across the state in result of GTU End Semester Examination (Semester-IV) June 2011.

Objective of The Seminar

A significant emerging area of engineering research activity involves mathematical modeling. Mathematical modeling is a valuable, powerful and versatile tool to explore the potentials of Applied Mathematics for the enhancement of engineering research. It is very essential to learn how to analyze models for the purpose of investigating real life phenomena; and how the models can extend our knowledge about a specific engineering process. The problems pertaining to weather forecasting, global warming, flight simulation, etc. can be solved through Mathematical modeling as it proffers new possibilities to manage the increasing complexity of technology. Looking to these perspectives, our institute is going to organize a one day state level seminar on "Emerging Trend in Mathematical Modeling for Engineering Research". This seminar will provide a common platform for interaction among Experts and Participants (Research scholars, Faculty members and Persons from the industries working in relevant field) on said theme.

Contents of The Seminar

- Mathematical modeling
- Computer simulation
- Operation research & Optimization
- Fuzzy theory and its application

Who Can Register ?

Faculties from Degree and Diploma Engineering and Science institutions, Research scholars as well as Persons from the industries working in relevant field.

Registration Fees

Research Scholars	₹ :	100/-
Faculty Members	₹ :	150/-
Persons from Industry	₹ :	200/-

How to Register ?

Application duty filled in the prescribed format along with a Demand Draft of applicable registration fees drawn in favour of Vadodara Institute of Engineering (payable at Vadodara) should be sent to the Institute on or before due date. Interested candidates may also pay the registration fees in cash before due date.

Importance Dates

Last date of Registration	:	2nd January, 2012
Intimation of Selection (through Institute Website)	:	4th January, 2012

Transpotation

Travel expenses will have to be borne by the participants themselves or by their sponsoring organization. However, the institute will provide bus facility to participants for local transportation i.e from Kala Ghoda Circle, Sayajigunj, Vadodara (at 8:30 a.m. on 07/01/2012) to institute and back (after completion of the event).

VADODARA INSTITUTE OF ENGINEERING

One Day State Level Seminar On

Emerging Trends in Mathematical Modeling for Engineering Research

7th January, 2012

REGISTRATION FORM

Candidate's Name : _____

Name of organization : _____

Designation : _____

Address : _____

_____

_____

E- mail:_____ Mobile No._____

Educational Qualification: _____

Mode of payment: DD ☐   Cash ☐   Amount (Rs.): _____

DD No.:_____ Dated: _____

Name of Bank:_____ Branch :_____

Date:_____ Place:_____

Applicant's Signature: _____

Seal & Signature of
Head of the organization