

**Write up for Workshop on “Role of Mathematics in Engineering”
held on 26-27 November, 2010.**

Two days workshop on “Role of Mathematics in Engineering” on 26-27 November, 2010 was organized by Department of Applied Sciences and Humanities in Parul Institute of Engineering and Technology, Limda, Waghodia.

Mathematics has become inevitable for the growth and development of new and emerging scenarios of Engineering Sciences. The goal of this workshop is to bring together scholars from various part of country and to provide common platform to all academicians to exchange their ideas and expand their knowledge about the applications of Mathematics in Engineering. Mathematics is core facet for all engineering disciplines. To uplift interest of academicians to choose a prolific path of Engineering through a robust staircase of Mathematics we have given this workshop as a remedy.

Participants came across new breeds of Mathematics in engineering whilst they were acknowledged by scholars like Prof. A. K. Pani, IIT Bombay, Prof. M. N. Mehta, SVNIT, Prof. Nita Shah, Gujarat University, Prof. M. H. Vasavada, Prof. S. Ramamohan, The M. S. University of Baroda, Prof. D. P. Patel, The M. S. University of Baroda and Dr. Amarnathan, Apollo Tyre from the industry side. Various topics such as “Detection of Diabetes using Mathematics”, “Matrix and Ultra-matrix spaces using Graph Theory”, “Mathematical Modeling in Engineering”, “Development of Gujarati O.C.R using Artificial Neural Network”, “Recent trends of Mathematics in Engineering”, “Use of Mathematics in Tyre Industries”, etc., were discussed.

A horde of 40 participants made the workshop a grand success. We are sure that this workshop will benefit all participants and their corresponding institutes in one or other way.

We give an assurance of providing such platforms & benefits in the coming years also.

PHOTO GALLERY

Short Term Training Programme On
"Role of Mathematics in Engineering"



Inaugural Function : From Left Prof. Falguni S Acharya, HOD, Applied Sci. & Humanities, PIET, Prof. V. D. Pathak, Director, MCA, PIET, Prof. Nita Shah, Professor, Dept. of Math., Gujarat University, Prof. M. H. Vasavada, Professor, The M. S. University of Baroda, Prof. M. N. Mehta, Professor, SVNIT, Prof. R. H. Pandya, Advisor, PASM, Dr. V. P. Parekh, Principal, PIET



All dignitaries lighted the lamp to spread the knowledge in the world through this event.



Prof. Dhanesh Patel (Professor, Dept. of Applied Sciences and Humanities, The M. S. University of Baroda), delivered a talk on Industrial Mathematics in Industries and challenges



Prof. M. H. Vasavada, Professor, The M. S. University of Baroda, delivered a talk on "Applications of Mathematics in Engineering and Technology"



Prof. Nita Shah, Professor, Dept. of Math., Gujarat University delivered a lecture on "Matric and Ulta Matric Spaces of resistances using Graph theory"



Mr. Amarnathan (R&D, Apollo Tyres),delivered a lecture on "Mathematics in Tyre Industries"



Prof. S. Ramamohan, Professor, Dept. of Apl. Math., The M. S. University, Baroda, delivered a lecture on "Use of neural network in Development of Gujarati O. C. R."



Presenting Memento to all dignitaries



All Participants and Delegates during Short Term Training Program



Presenting Memento to all dignitaries in Closing Ceremony