



#### Medi-Caps Group of Institutions :

- Medi-Caps Institute of Technology and Management (Engineering)
- Medi-Caps Institute of Technology and Management (Management)
- Medi-Caps Institute of Science and Technology
- Medi-Caps Institute of Techno Management

Medi-Caps Group of Institutions (MGI) is renowned in Madhya Pradesh for imparting higher education in Engineering and Management. The group serves with an aim to emerge as one of the premier technical institutions in the country, where students shall acquire professional skills, knowledge and high moral standards. The institute aspires to develop skilled managers, technocrats, professionals and executives who will be conversant with their disciplines.

Venue:

#### Medi-Caps Institute of Technology and Management

A. B. Road, Pigdamber, Indore-453331 (M.P.)  
Phone: 0731 - 4259590 - 593, Fax: 0731- 4259501  
E-mail: med.medicaps@gmail.com  
Website: www.medicaps-institute.ac.in



# WORKSHOP

on  
"Finite Element Analysis"  
(February 3 - 4, 2012)



Organized by

MECHANICAL ENGINEERING DEPARTMENT  
**MEDI-CAPS INSTITUTE OF TECHNOLOGY  
AND MANAGEMENT, INDORE (MP)**

## ABOUT THE WORKSHOP

The Mechanical Engineering Department has a wide experience of using FEM for the analysis and solving problems in various subjects like, Machine Design, CAD/CAM, IC Engine, Gas Turbine and Heat Transfer. Few of the faculty members have also developed FEM models for the combination related problem. Therefore, the department want so share this knowledge with the faculty members of the various colleges.

In the recent past, the finite element method of analysis has become a popular technique for computer solution of complex problems in engineering. Recognizing the importance of this method, numbers of universities have prescribed FEM as a course for UG/PG programs in Mechanical Engineering. Since early, by using Finite Element Analysis, a large number of finite element formulations have been developed and used in commercial software. Considering the time taken for developing the computer program for solving problems, number of the students and the practicing engineers are using readily available finite element software for their problem solution. The depth understanding of FEA and its applications to various practical problems are of paramount importance in analysis. The present workshop will cover the basics of FEM along with hands on practice on the FEM software for solving a wide range of problems.

### Chief Patrons

Shri Gopal Agrawal, VC, MGI  
Dr. Shamsher Singh, CED, MGI

### Patron

Dr. Sunil K. Somani, Director

### Programme Convener

Prof. K.K. Gupta, HOD(Mech)

### Programme Coordinator

Prof. Jayesh Barve

### Organizing Committee

- Dr. K.S. Varma
- Prof. Mahesh Pophaley
- Prof. Tapan Jain
- Prof. Sanjay Purohit
- Prof. Sanjay Jathar
- Prof. Hemant Marmat
- Prof. Himanshu Borade
- Prof. Neeraj Yadav
- Prof. Narendra Jat
- Prof. Vijay Choudhary
- Prof. Anshuman Purohit
- Prof. Purshottam Laad

## Work-Shop on FEA REGISTRATION FORM

Name: \_\_\_\_\_

Organization/ Institute: \_\_\_\_\_

Address: \_\_\_\_\_

Mobile: \_\_\_\_\_

Email: \_\_\_\_\_

Accommodation required : (Y/N)

Registration Category : \_\_\_\_\_

(Industrial Delegates/Faculty/Students)

DD No. : \_\_\_\_\_

Dated : \_\_\_\_\_

Amount: \_\_\_\_\_

D.D. should be made in favor of "Director, Medi-Caps Institute of Technology and Management" payable at Indore.

Date:

Signature

### Registration Fee\*

(a) Delegates from industries - Rs. 1000/-

(b) Delegates from academic institutes - Rs. 500/-

\*Registration fee once paid will not be refunded. Accommodation can be made available only on prior intimation on chargeable basis.

Last date for registration -25th January 2012