

REGISTRATION FORM (Cut / Xerox this part & send)

“FEM & PRACTICAL STRESS ANALYSIS(FEM-2010)”

Name	
Qualification	
Experience	
Designation	
Institution	
Address	
E-mail ID	
Phone Res:	Mobile:
Professional Body Memberships	
Accommodation Requirement Required / Not Required (Tick Make <input type="checkbox"/>)	
Faculty Signature and Date	
HOD / Principal Signature	
Name	
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Date	



VISVESVARAYA TECHNOLOGICAL UNIVERSITY, BELGAUM
FACULTY DEVELOPMENT PROGRAMME

ON

“FEM & PRACTICAL STRESS ANALYSIS”

08th to 12th March - 2010

Supported & Catalyzed by:



Government of Karnataka
Vision Group on Science and Technology

Department of Information Technology,
Biotechnology & Science and Technology

Coordinators

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ABOUT THE INSTITUTION:

Visvesvaraya Technological University (VTU) named after Bharat Ratna Dr. Sir. M. Visvesvaraya was established by the Government of Karnataka on 1st April 1998 as per the provisions of VTU act 1994. The university has jurisdiction over the whole state of Karnataka and has its Head Office located in Belgaum and has four regional Offices located at Bangalore, Mysore, Gulbarga and Belgaum and VTU is one of the biggest Technological University in India.

VTU Vision- To become an outstanding Technological University at the cutting edge of Science and Technology that produces world class knowledge-delivery, Research, Extension and Leadership in Technology innovation for Industry and Society

VTU Mission- To plan the development of technical education, to establish value-based and need-based education and training in engineering and technology, with a view to generate qualified and competent manpower, responsive to technological and societal needs.

e-Learning - The VTU e-learning Centre was established in August 2003 at the SJCE Campus in Mysore with main aim of facilitating distance education and training to the students and faculty of VTU through EDUSAT and web.

ABOUT COURSE AND OBJECTIVES

FEA has become widely used and universally accepted procedure in many industry sectors. In order to derive maximum benefit from the available technology, engineers should learn about the much strength of numerical techniques. At the same time, recommendations on how to avoid the inevitable pitfalls are invaluable. This course offers excellent guidance on how to judge which approximations are acceptable and appropriate for solving a wide range of practical problems. Of equal importance is the manner in which the results are interpreted. Advice is provided which allows the correct decisions to be taken, based on results which are known to be reliable. Interaction is encouraged throughout the course. The course is completely code independent.

Faculty Development Programme is intended to provide opportunities for teachers employed in AICTE approved institutions for their knowledge upgradation and skills. The present FDP Programme provides platform to the teachers of technical institutions to know more about FEM and real world case studies. This FDP programme helps faculty to pursue research and help in dissipating the knowledge to the fellow colleagues and students.

COURSE CONTENTS

Basic Introduction
Meshing Methods and element stiffness matrices
Practical Aspects of Finite Element Method
Stress Analysis: Experimental Techniques
Validation of Numerical Estimates
Quality & Verifications Aspects
Interpolation models
Higher Order and Isoparametric Elements
Heat transfer problems
Applications
Hands-on training with software.

Course Fee: The entire faculty from AICTE approved VTU affiliated colleges need not pay course fee and the programme is fully free (TA/DA & Accommodation is provided).

Dear Faculty and friends: It gives us immense pleasure to invite you to participate in the GOK, VGST & VTU - sponsored FDP programme. Our country is growing faster in the area of FEM & FEA which is a high index indeed. To cope up with this and global demand we at VTU have conceived this faculty development programme for our dear faculty members. The program is titled "FEM and Practical stress analysis(FEM 2010)". This will be for five days from 08th Mar to 12th Mar 2010 Experts in the area of FEM and FEA, both from Academic and Industry will deliver expert lectures and show how advances in the next stage will occur in this industry. You will be immensely benefitted from this program as every day we have hands-on experience with software.

Eligibility: The course is open to teachers working in AICTE approved VTU affiliated colleges. The number of participants permitted is 30, as per first come first serve basis.

Venue : PG Block "Jnana Sangam" VTU, Belgaum.

Important dates

Submission of applications : 03-03-2010

Confirmation of participation : 05-03-2010

Please mail/fax/post the filled in registration form on or before **03rd March 2010.**

Address for Communication:

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