



Shri Madhwa Vadiraja Institute of Technology & Management

Bantakal, UDUPI – 574 115

DEPARTMENT OF MECHANICAL ENGINEERING

ISTE-FDP Activity Plan, 7th to 11th July 2014



Day, Date/Timing	8:30AM - 9:30AM	09:30AM - 10:00AM	10:00AM - 11:00AM	11:00AM - 11:15AM	11:15AM - 12:15PM	12:15 PM - 01:30 PM	01: 30 PM - 02:30 PM	02.30PM- 02.40PM	02:40 PM - 03:30 PM	03:30PM- 03:45PM	03:45 PM - 4:30 PM
Monday 07-07-14	Breakfast & registration	Inaugural Session	Workshop Session -I Topic-1 By Prof. US	Tea Break	Workshop Session-I Topic-2 By Prof. US	Lunch Break	Workshop Session-I Topic-3 By Prof. DVB	session break	Contd...	Tea Break	Workshop Session-I Topic-4 By Prof. DVB
Tuesday 08-07-14	Breakfast	Workshop Session -II Topic-5 By Prof. US		Tea Break	Contd...	Lunch Break	Hands-on FEA practice on Topic 5 By Dip Ing TS & Prof. DVB	Session break	Introduction to CFD By Prof. BSS	Tea Break	Implementation of CV approach By Prof. BSS
Wednesday 09-07-14	Breakfast	Workshop Session -III Topic-6 By Prof. US		Tea Break	Formulation of different elements by Prof. RA	Lunch Break	Software based approach to model and solve problems using 1D,2D & 3D elements by Prof. RA	Session break	Hands-on FEA practice on Topic 6 By Dip Ing TS & Prof. DVB..	Tea Break	Contd....
Thursday 10-07-14	Breakfast	Workshop Session -IV Topic-7 By Prof. US		Tea Break	Contd...	Lunch Break	1:30PM – 4:00PM Hands-on FEA practice on Topic 7 By Dip Ing TS & Prof. DVB	Session break	Contd...	Tea Break	3.45 PM Onwards Tea & Local Trip
Friday 11-07-14	Breakfast	Workshop Session -IV Topic-8 By Prof. US		Tea Break	Contd...	1:00PM – 2:00PM Lunch Break	2:00PM – 4:15PM Valedictory Function (Issue of Certificates, Feed Back)				

Details of Sessions

Topic-1 FEA demystified
 Topic-2 FEA historical development
 Topic-3 FEA fundamentals
 Topic-4 FEA fundamentals contd...
 Topic-5 Modeling with 1-D elements
 Topic-6 Modeling with 2-D elements
 Topic-7 Modeling with 3-D elements
 Topic-8 Case studies

Resource Persons

Prof. US = Prof. Dr. Udipi Shrinivasa, Former Professor, Dept. of ME IISC, Bangalore
Dip.Ing.TS = Dip.Ing.Tilottama Shrinivasa, BIT Ing, UNIVERSITY Karlsruhe, Germany
Prof.DVB = Prof. Dr. D Venkatesh Babu, Department of Mechanical Engineering, MSRT, Bangalore
Prof.RA = Prof. Dr.Raviraja Adhikari, Associate Director – R&C and Professor Dept of ME & Mfg Engg., MIT, Manipal
Prof.BSS = Prof. Dr.B.Satish.Shenoy, Associate Professor, Dept. of Aeronautical & Automobile Engg. MIT, Manipal