

Faculty Development Programme on Finite Element Practice and Applications
October 31- November 04, 2017
Tentative Schedule

	0900-0930	0930-1000	1000-1030	1030-1100	1100-1115	1115-1145	1145-1200	1200-1215	1215-1230	1230-1315	1315-1330	1330-1415	1415-1445	1445-1515	1515-1545	1545-1600	1600-1630	1630-1700	1700-1730	1730-1800	
31-10-2017		Inauguration & Tea	Introduction to FEM and Direct Formulation (VKG)					Tea Break	Boudary conditions (AO)		Lunch Break		Tutorial Session (AO)			Tea Break	Practice Session using MATLAB (VKG)				
01-11-2017	WR method (VKG)				Tea break		Variational Principle (AO)					Lunch Break		FEM Practice and Demo (AF)			Tea Break	Practice Session (AF+SDP)			
02-11-2017	Minimum potential energy principle (GD)				Tea break		CST and 2D Elements (AO)					Lunch Break		Practice session on Ansys (KT)			Tea Break	Practice session on Ansys (KT)			
03-11-2017	Lagrange and Serendipity Family (AO)				Tea break		Isoparametric Element (VKG)					Lunch Break		Practice session on Ansys (SDP +VKG)			Tea Break	Practice session + Evalation (VKG)			
04-11-2017	3D Solid Elements (PM)				Tea break		Thermal Analysis(PM)					Lunch Break		Case Studies (PM)			Tea Break	Demo Session (VKG)		Valedictory	

Resource Persons:

PM:Prof. Puneet Mahajan

AO: Prof. Aparajita Ojha, PDPM IITDM Jabalpur

VKG:Prof. V.K. Gupta, PDPM IITDM Jabalpur

GD: Dr. Gautam Dutta, PDPM IITDM Jabalpur

SDP:Dr. Shivdayal Patel, PDPM IITDM Ja

KT: Kumar Kartikeya, Ansys India

AF: Amrita Francis, IIT Madras