QIP Short Term Course on

Theory & Practice of Rotor Dynamics, 15-19 Dec. 2008

Venue: Seminar Room, Dept. of Mechanical Engg., IIT Guwahati

Day	09:00-10:30	11:00-12:30	12:30-02:00	02:00-3:30	04:00-05:30
Monday 15-12-2008	Inauguration (09:15-09:45)	Introduction to Rotor Dynamics (RT)	Lunch	Introduction to Vibrations (SKD)	FEM (USD)
Tuesday 16-12-2008	Continuous Systems (ST)	Measurements & Signal Processing (RT)	Lunch	MATLAB/FEM Software-CAD LAB (DC)	
Wednesday 17-12-2008	Dynamic Balancing of Rotors (RT)	Acoustics Based Condition Monitoring (SKS)	Lunch	Vibration-Lab (Measurements) (SKD+RT)	
Thursday 18-12-2008	Torsional Vibrations of Rotors (RT)	Fluid Film Bearings (SKK)	Lunch	Field Trip	
Friday 19-12-2008	Transverse Vibrations of Rotors (RT)	Active Magnetic Bearings (JSR)	Valedictory (12:30-1:00)		

RT: R Tiwari, USD: US Dixit, SKD: SK Dwivedy, ST: S Talukdar, SKK: SK Kakoty, DC: D Chakraborty, JSR: JS Rao, SKS: SK Singh