

Government College of Engineering, Amravati
Department of Applied Mechanics
AICTE SPONSORED Quality Improvement Short Term Course
on

“Recent Advances in Structural Dynamics”

18th February to 23rd February 2019

Schedule for STP

Registration: 9:00 am to 10:00am

Inauguration: 10:00 am

Venue: Civil AV hall

Date	Session I		Session II		Session III		Session IV					
	10 am to 11.30 am		11.45 am to 1.15 pm		2.15 pm to 3.45 pm		4.00 pm to 5.30 pm					
18-02-2019	Inauguration		Earthquake Safety in India Prof. Pradeepkumar Ramancharla, IIIT Hyderabad		Non-Linear Dynamic Analysis of Building Prof. Pradeepkumar Ramancharla, IIIT Hyderabad		Basics of Structural Dynamics Prof. S N Khante, GCOE Amravati					
19-02-2019	Breakfast for 1 hour from 9:00 am		Tea break 15 minutes		Lunch for 1 hour at New Boys Hostel		Tea break 15 minutes		Criteria For Earthquake Resistant Design of Structures (General Provisions and Buildings) IS-1893-Part I Prof. O R Jaiswal, VNIT Nagpur	Criteria For Earthquake Resistant Design of Structures IS-1893- Part 2 Liquid Retaining Structures Prof. O R Jaiswal, VNIT Nagpur	Energy Dissipating Devices for Seismic Response Control Prof. S V Bakre, VNIT Nagpur	IS 13920 Ductile Design & Detailing of Reinforced Concrete Structure Subjected to Seismic Force & Its Explanation Prof. S V Bakre, VNIT Nagpur
20-02-2019									IS 1893-Criteria For Earthquake Resistant Design of Structures Part 3-Bridges And Retaining Walls Prof. R K Ingle, VNIT Nagpur	IS 1893-2005: Indian Standard Criteria for Earthquake Resistant Design of Structures, Part 4-Industrial Structures including Stack like Structures Prof. R K Ingle, VNIT Nagpur	Application of Finite element method to Structural Dynamics Problems Prof. A N Bambole, VJTI Mumbai	Application of Finite element method to Structural Dynamics Problems Prof. A N Bambole, VJTI Mumbai
21-02-2019									Dynamic Analysis of Concrete Gravity Dams Prof. A D Pandey, IIT Roorkee	Seismic and Wind Vibration control of Benchmark Structures Prof. Suhasini N Madhekar, COE Pune	Problem based learning of Structural Dynamics Prof. Suhasini N Madhekar, COE Pune	Structural Health Monitoring of Structure using EMI Technique Prof. S N Khante, GCOE Amravati
22-02-2019									Dynamic Analysis of Steel Railway Bridges for Train Loads Prof. A D Pandey, IIT Roorkee	Non- linearity in Structural Dynamics Prof. Vasant Matsagar, IIT Delhi	Non- linearity in Structural Dynamics Prof. Vasant Matsagar, IIT Delhi	Vibration Control of Smart Piezo laminated Composites Prof. R L Wankhede, GCOE Nagpur
23-02-2019									Hybrid Simulations in Earthquake Engineering Prof. C S Manohar, IISc Bangalore	Structural Dynamic Testing For Estimating Reliability Prof. C S Manohar, IISc Bangalore	Valedictory 1.15 pm with certificate distribution	Thanks!