

Schedule : Five Days Faculty Development Program
“Innovative Approaches in Dynamics of Soils and Structures”
(July 21, 2025 - July 25, 2025)

Organized By : Department of Civil Engineering, Harcourt Butler Technical University, Kanpur, U.P., India

Day-Date Time	Monday 21.07.2025	Tuesday 22.07.2025	Wednesday 23.07.2025	Thursday 24.07.2025	Friday 25.07.2025
10:30 AM to 11:00 AM	Inaugural Session	Participants Joining in Online Google Meet			
11:00 AM to 12:30 PM	Prof. Chinmoy Kolay, IIT Kanpur - Hybrid Simulation: An Advanced Experimental Technique for Assessing Multi-Natural Hazard Performance of Structural Systems	Prof. Sumanta Haldar, IIT Bhubaneswar - Integrated Soil-Fluid-Structure Interaction Modeling of Bottom-Fixed and Floating Offshore Renewable Energy Converters	Dr. Arnab Banerjee, IIT Delhi - Metamaterial: Towards Enhanced Vibration Control	Dr. Aniket Desai, NIT Calicut- The MASW Method: Basics, Applications and Associated Uncertainties	Dr. Akil Ahmed, Professor JMI - Seismic Performance Evaluation of Semi-Rigid Jointed Steel Frames with Soil-Structure Interaction Under Near Field Earthquakes
12:30 AM to 02:00 PM	Dr. Rajib Saha, NIT Agartala- Earthquake Geotechnical Physical Experimental Studies	Dr. Deepu S P, College of Engineering Trivandrum - Seismic Vulnerability Assessment of Bridges		Dr. Soukat Kumar Das, NIT Rourkela, Dynamics of Granular media	Dr. Krishanu Roy, Senior Lecturer, University of Waikato- Earthquake-Resilient Multi-Storey Modular Buildings: The Next Generation of Modular Construction in New Zealand
12:15 PM to 02:30 PM	Break				
03:30 PM to 05:00 PM		Dr. Mitesh Surana, IIT Ropar - Floor Acceleration Estimation for Seismic Design of Secondary Systems in Buildings			Prof. Chen Hiroshima University, Japan, Seismic Performance Enhancement of Building Structures Adopting Damped Spine Frame System
05:00 PM to 06:00 PM					Valedictory Function
Prof. Chinmoy Kolay, IIT Kanpur	Prof. Sumanta Haldar, IIT Bhubaneswar	Dr. Arnab Banerjee, IIT Delhi	Dr. Aniket Desai, NIT Calicut	Dr. Akil Ahmed, Professor JMI	
Dr. Rajib Saha, NIT Agartala	Dr. Deepu S P, College of Engineering Trivandrum		Dr. Soukat Kumar Das, NIT Rourkela	Dr. Krishanu Roy, Senior Lecturer, University of Waikato	
	Dr. Mitesh Surana, IIT Ropar	Interaction Session (Feedback Session)		Prof. Chen Hiroshima University, Japan	

Convenors :Dr. Kavita Tandon, Assistant Professor, CED, HBTU Kanpur
Dr. Riya Catherine George, Assistant Professor, CED, HBTU Kanpur
Mr. Manish Kumar, Assistant Professor, CED, HBTU Kanpur,
Faculty Coordinators
Dr. Rajiv Ganguly, Associate Professor, CED, HBTU Kanpur
Mr. Jai Prakash Nayak, Assistant Professor, CED, HBTU Kanpur
Ms. Kajol Priya, Assistant Professor, CED, HBTU Kanpur,
Ms. Shivani Koshtha, Assistant Professor, CED, HBTU Kanpur,