
















**Faculty Development Programme (FDP) on Manufacturing Technology Research and Management (MTRM)**





**Tentative Schedule**




Date	Time	Expert Name with Tentative Title of Lecture	
02.08.2021 Monday	3.00 PM – 3.25 PM	Inaugural session of FDP	Welcome Address by <b>Mr. Rafiqul Haque</b>
	Inaugural Speech by <b>Prof. Mehedi Kalam, Dean, Faculty of Science &amp; Engg</b>		
Speech by <b>Dr. Shamim Haidar, HOD, Dept. of Mechanical Engg.</b>			
About the FDP by <b>Dr. Golam Kibria</b>			
3.30 PM – 4.45 PM	 <b>Prof. Subhasis Neogi</b> Professor, Aliah University, Kolkata <b>Title of Lecture:</b> Advancements in Energy Efficient Buildings - An Approach		
03.08.2021 Tuesday	2.00 PM – 3.15 PM	 <b>Dr. Sandip Kumar</b> Aditya Engineering College, Andhrapradesh <b>Title of Lecture:</b> Research Advances in Electrochemical Micromachining	
	3.30 PM – 4.45 PM	 <b>Dr. Sandip Sharadrao Anasane</b> College of Engineering, Pune, Maharastra <b>Title of Lecture:</b> Product Development for Biomedical Devices	

04.08.2021 Wednesday	2.00 PM – 3.15 PM	 <p><b>Dr. Swarup Bag</b> IIT Guwahati, Assam</p>
	<b>Title of Lecture:</b> Welding and Joining Research	
04.08.2021 Wednesday	3.30 PM – 4.45 PM	 <p><b>Prof. Goutam Sutradhar</b> Director, NIT Manipur</p>
	<b>Title of Lecture:</b> Future Potential of Nano-Composites for Transportation Industry for better Energy Conservation	
05.08.2021 Thursday	2.00 PM – 3.15 PM	 <p><b>Dr. Nilrudra Mandal</b> Principal Scientist, CSIR-Central Mechanical Engineering Research Institute (CMERI), Durgapur</p>
	<b>Title of Lecture:</b> Wear Resistant Ceramics	
05.08.2021 Thursday	3.30 PM – 4.45 PM	 <p><b>Prof. Santanu Das</b> Professor, Kalyani Govt. Engineering College, Kalyani</p>
	<b>Title of Lecture:</b> Fundamentals and Advances in Grinding towards Development of Environment-friendly System	

06.08.2021 Friday	2.00 PM – 3.15 PM	 <p><b>Dr. Amlana Panda</b> Kalinga Institute of Industrial Technology (KIIT), Bhubaneswar</p> <p><b>Title of Lecture:</b> Machinability Analysis of Hard Part Steel at Different Cutting Environments</p>
	3.30 PM – 4.45 PM	 <p><b>Prof. Biswanath Doloi</b> Professor, Jadavpur University, Kolkata</p> <p><b>Title of Lecture:</b> Ultrasonic Micromachining</p>
07.08.2021 Saturday	2.00 PM – 3.15 PM	 <p><b>Dr. Tanveer Saleh</b> International Islamic University Malaysia</p> <p><b>Title of Lecture:</b> Micro Electrical Discharge Machining</p>
	3.30 PM – 4.45 PM	 <p><b>Dr. G. Selvakumar</b> SSN College of Engineering, Tamil Nadu</p> <p><b>Title of Lecture:</b> Research Avenues in Wire-EDM Process</p>

09.08.2021 Monday	2.00 PM – 3.15 PM	 <p><b>Dr. Basil Kuriachen</b> NIT Calicut, Kerala</p>
	<p><b>Title of Lecture:</b> Transition from EDM to PMEDM – Impact of Suspended Particulates in the Dielectric on Ti6Al4V and Other Distinct Material Surfaces</p>	
09.08.2021 Monday	3.30 PM – 4.45 PM	 <p><b>Prof. Biswanath Doloi</b> Professor, Jadavpur University, Kolkata</p>
	<p><b>Title of Lecture:</b> Laser Beam Micromachining</p>	
10.08.2021 Tuesday	2.00 PM – 3.15 PM	 <p><b>Dr. Subrata Mondal</b> National Institute of Technical Teachers' Training &amp; Research, Kolkata</p>
	<p><b>Title of Lecture:</b> Polymer / Composite Manufacturing</p>	
10.08.2021 Tuesday	3.30 PM – 4.45 PM	 <p><b>Prof. Alokesh Manna</b> Professor, PEC University of Technology, Chandigarh</p>
	<p><b>Title of Lecture:</b> Smart Materials and Hybrid Machining Processes</p>	

11.08.2021 Wednesday	2.00 PM – 3.15 PM	 <b>Dr. Manas Das</b> IIT Guwahati, Assam <b>Title of Lecture:</b> Nanofinishing of Prosthetic Implants and further Tribological Characterization
	3.30 PM – 4.45 PM	 <b>Dr. Asim Gopal Barman</b> National Institute of Technology Patna <b>Title of Lecture:</b> Advances in Design Optimization of Gears
12.08.2021 Thursday	2.00 PM – 3.15 PM	 <b>Mr. Anindya Kumar Mondal</b> Novartis Healthcare Pvt. Ltd., Hyderabad, Telangana <b>Title of Lecture:</b> Smart Manufacturing: How Technology is enabling Industry Revolutions
	3.30 PM – 4.45 PM	 <b>Dr. Sajan Kapil</b> IIT Guwahati, Assam <b>Title of Lecture:</b> Introduction to Additive Manufacturing Technologies

13.08.2021 Friday	2.00 PM – 3.15 PM	 <p><b>Dr. Somnath Das</b> Swami Vivekananda Institute of Science &amp; Technology, Kolkata <b>Title of Lecture:</b> Industry 4.0 and Future</p>
	3.30 PM – 4.45 PM	 <p><b>Dr. Prasenjit Chatterjee</b> MCKV Institute of Engineering, Howrah <b>Title of Lecture:</b> Decision Making in Manufacturing environment</p>
14.08.2021 Saturday	2.00 PM – 3.15 PM	 <p><b>Dr. Suman Das</b> Swami Vivekananda Institute of Science &amp; Technology, Kolkata <b>Title of Lecture:</b> Ergonomics- Environment, Health &amp; Safety</p>
	3.30 PM – 4.45 PM	<b>Valedictory session, Feedback of FDP and Quiz (MCQ)</b>