

## Activity Calendar of Mechanical Engineering Department-2025

S.No	Activity	Resource Person(s)	Participants	Faculty members / Persons involved	Date/ duration	Status (Completed / Proposed)	(Activity report) Link of website
<b>Completed Activities</b>							
1	One week on line FDP on Futuristic Trends in Clean Energy and Manufacturing Technologies	Dr. Mayank Verma IIHR Hydrosience & Engineering, The University of Iowa, United States Dr. Krishna Kumar, Lund University Sweden Prof. Anil Kumar, Mechanical Engg Deptt. DTU Delhi Dr. Tushar Chaudhary, Mechanical Department, IIIT Jabalpur Dr. Avinash Kumar, Department of Mechanical Engineering, IIITDM Kancheepuram Chennai Dr. Geeta Bhatt, Mechanical Department, BITS Pilani Dr. H S Pali, Dept. of Mechanical Engineering NIT, J&K, Dr. Girish Chand Verma Assistant professor, Dept. of Mechanical Engineering, IIT, Indore Ms. Swati Maini, Maini Renewables, Mumbai Mr.Dishant Mishra, Baud Resources, Delhi	Faculty members, Research scholars and students	Dr. Gaurav Saini, Dr. Rishi Kant and Dr. Nishant Kumar Singh	Dec.30, 2024- Jan. 04, 2025	Completed	<a href="https://drive.google.com/file/d/1mzkrUWUhEeFsV1mwBzxAjcBXDRDZDcl/view?usp=sharing">https://drive.google.com/file/d/1mzkrUWUhEeFsV1mwBzxAjcBXDRDZDcl/view?usp=sharing</a>
2	Industrial Visit to the National Sugar Institute's Experimental Sugar Factory	Mr. Sanjay Chauhan	All 3rd-year students of Mechanical Engineering Students	Dr. Gaurav Saini and Dr. Nishant Kumar Singh	March 01, 2025	Completed	<a href="https://drive.google.com/file/d/14cp0kthoCQT5pazvWinsbMJQjQCy3DHv/view?usp=sh">https://drive.google.com/file/d/14cp0kthoCQT5pazvWinsbMJQjQCy3DHv/view?usp=sh</a>

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3	Expert lecture on Biomass Conversion Technologies	Prof. Arkom Palamanit, Prince of Songkhla University, Hat Yai, Thailand	All 3rd-year students of Mechanical Engineering Students	Dr. Yashvir Singh	March 22, 2025	Completed	<a href="#">Link</a>

4	International Conference on Advances in Materials, Manufacturing, and Artificial Intelligence Applications (ICAMMAIA 2025)	<p>Prof. Muhamad Bin Mat Noor Faculty of Mechanical Engineering, Universiti Malaysia Pahang, Malaysia</p> <p>Prof. Erween Bin Abd Rahim Faculty of Mechanical and Manufacturing Engineering, Universiti Tun Hussein Onn Malaysia</p> <p>Dr. Arkom Palamanit Faculty of Engineering, Prince of Songkla University, Thailand</p> <p>Prof. Vladimir Strezov Department of Environmental Engineering, Macquarie University, Sydney, Australia</p> <p>Prof. Kalyan Kumar Singh Indian Institute of Technology (ISM), Dhanbad</p> <p>Prof. Rajeev Kumar Upadhyay KNIT, Sultanpur, Uttar Pradesh, India</p> <p>Prof. Varun Sharma Indian Institute of Technology, Roorkee, Uttarakhand, India</p> <p>Prof. Suresh Kumar Shri Vishwakarma Skill University, Palwal, Haryana, India</p> <p>Prof. P.M. Pandey Indian Institute of Technology, Delhi, India</p> <p>Prof. J. Ramkumar Indian Institute of Technology, Kanpur, India</p> <p>Prof. Prashant Kumar Jain IIITDM, Jabalpur</p>	Faculty members, Research scholars and students	Prof. S.K.S Yadav, Dr. Yashvir Singh and Dr. Nishant Kumar Singh	4-5 April 2025	Completed	<a href="#">Link</a>
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5	One week on line FDP PhD Research Success: From Proposal to Publication	Dr. H. S. Pali – NIT, Srinagar Prof. Sanjiv Kumar – HBTU, Kanpur Dr. Dan Bahadur Pal – HBTU, Kanpur Dr. Pushpendra Kumar – Graphic Era University, Dehradun Dr. Brijesh Prasad – Graphic Era University, Dehradun Dr. Sanjive Kumar – SKITM, Jaipur Dr. Bukhari Bin Mansoor – UTHM, Malaysia Dr. Virendar Kumar – MMMUT, Gorakhpur Dr. Nishant Singh – HBTU, Kanpur Dr. Vijay Singh – K.K. University, Nalanda, Bihar Dr. Shina Gautam – HBTU, Kanpur	Faculty members, Research scholars and students	Dr. N.K. Singh and Dr. Yashvir Singh	9-14 June 2025	Completed	<a href="#">Link</a>
6	Workshop on Intellectual Property Right (IPR)	Dr. S. K. Majumdar, Senior Manager, RDC, Ministry of Science & Technology, New Delhi. Prof. Anil Kumar, Head NCEET, MED, DTU, Delhi. Prof. Adesh Kumar, Dean, Faculty of Law, University of Allahabad (A Central University). Prof. J. Ramkumar, IIT, Kanpur	Faculty members, Research scholars and students	Dr. R.K. Verma, Dr. N.K. Singh & Dr. Rohit Kumar	October 9, 2025	Completed	<a href="#">Link</a>
7	Two days workshop on AI Handrover	Prof. S.K.S Yadav & Prof. V.P Singh	I <sup>st</sup> & II <sup>nd</sup> Year 300 Students	Prof. S.K.S Yadav	10-11 Oct, 2025	Completed	<a href="#">Link</a>
8	Workshop on RC plane and Drone Technology under Aeroclub	Prof. S.K.S Yadav & Prof. V.P Singh	I <sup>st</sup> & II <sup>nd</sup> Year 270 Students	Prof. S.K.S Yadav & Prof. V.P Singh	Nov 2025	Completed	<a href="#">Link</a>
<b>Proposed Activities</b>							
9	Invited lecture on AI & ML in Mechanical Engineering		Faculty members, Research scholars and	Dr. Gaurav Saini & Dr. Rohit Kumar	Nov, 2025	Proposed	

			students of Mechanical Engineering				
10	Workshop on RC plane and Drone Technology under Aeroclub		Students of Mechanical Engineering and other Departments	Dr. S.K.S Yadav	Nov 2025	Proposed	
11	Invited lecture on trending topics Fluid and Thermal Engineering		Faculty members, Research scholars and students of Mechanical Engineering	Dr. Gaurav Saini & Dr. Rohit Kumar	Nov 2025	Proposed	
12	FDP on Modeling, Simulation and Analysis Tools		Faculty members, Research scholars and students	Dr. Gaurav Saini, Dr. Rishi Kant and Dr.Rohit Kumar	Dec 2025	Completed	
13	FDP on Sustainable Technologies in Green Manufacturing		Faculty members, Research scholars and students	Dr. Yashvir Singh and Dr.Rohit Kumar	Dec 2025	Proposed	
14	Seminar on AI and Machine Learning Techniques in Optimization		Faculty members , Research scholars, students of Mechanical Engineering Students	Dr. N.K. Singh	Dec, 2025	Proposed	

15	Invited lecture on Trends in MEMS-based Diagnostic Devices		Faculty members , Research scholars, students	Dr. Rishi Kant, Dr. Gaurav Saini & Dr. Rohit Kumar	Dec, 2025	Proposed	
16	FDP on 2D Graphics for Scientific Reporting		Faculty members , Research scholars, students	Dr. N.K. Singh and Prof. V.P.Singh	Jan, 2026	Proposed	
17	FDP on Advances in Composite Materials and Nanotechnology		Faculty members , Research scholars, students	Dr. R.K. Verma, Dr. N.K. Singh & Dr. Rohit Kumar	Feb, 2026	Proposed	
18	International Conference on Advancements in materials, Machining with artificial Intelligence Applications		Faculty members , Research scholars, students	Dr. V.P. Singh Dr. Yashvir Singh Dr. N.K Singh & Dr. Rohit Kumar	Feb, 2026	Proposed	
19	FDP on Additive Manufacturing for Healthcare		Faculty members , Research scholars, students	Dr. Jitendra Bhaskar	Feb, 2026	Proposed	
20	Workshop on Robo-Soccer & Autorobe		All year students of Mechanical Engineering Students	Dr. S.K.S Yadav	June, 2026	Proposed	
21	FDP on Robotics and Automation		Faculty members , Research scholars, students	Dr. S.K.S Yadav	June, 2026	Proposed	