



**Abstract**

**Industry-Academia Collaboration**

Since 2009, MIET has cultivated a long-standing history of industry-academia collaboration, starting with the establishment of the IBM Center of Excellence. Over the years, we have forged partnerships with over 13 companies, facilitating initiatives focused on soft skills development, industry certifications, and emerging technologies. These collaborations not only aim at employment generation but also cater to the training needs of the industry while simultaneously nurturing local manpower. As a result, the Jammu Kashmir ecosystem has been elevated to a global level, setting benchmarks in the field and aligning with the latest industry standards.

<b>Mitsubishi Electric India</b>	<ul style="list-style-type: none"><li>● State of the art Factory Automation Lab set up worth Rs1.5 crore of equipment including Micro PLC, Modular PLC, GOT2000, VFD 800, LVS. Robotic Arm etc.</li><li>● MIET is the Authorized training center for Mitsubishi Electric in the region offering hands-on training to local industries and institutes.</li><li>● Factory Automation is integrated into Curriculum for ECE (Electronics and Communication Engineering) and EE (Electrical Engineering) programs and a course on Industry 4.0 has been introduced as a Professional Elective for CSE students.</li><li>● Industrial Training of 6 Weeks,4 Weeks and 2 Weeks are offered to the students.</li><li>● Around 400 participants attend the Faculty Development Programs and Student Training Programs every academic year delivered under the Mitsubishi Training Calendar.</li></ul>
<b>Google</b>	<ul style="list-style-type: none"><li>● Google Cloud Digital Leader and Google Data Analyst Certifications are completed by more than 500 students from the past 3 years.</li><li>● Faculty Members also undertake the Certifications offered by Google.</li></ul>
<b>UltraTech</b>	<ul style="list-style-type: none"><li>● UltraTech established its 7th Centre of Excellence (across North India)at MIET Jammu for Advanced Building Materials and Sustainable Development.</li></ul>



## MODEL INSTITUTE OF ENGINEERING & TECHNOLOGY (AUTONOMOUS)

(Permanently Affiliated to the University of Jammu, NAAC 'A' Grade Accredited)

	<ul style="list-style-type: none"><li>● The Centre of Excellence offers valuable opportunities through Workshops, Seminars and Trainings to engineers, architects, contractors and builders in the region to stay informed about the latest trends and technologies in the construction field and have access to diverse range of UltraTech models related to Ready-Mix Concrete (RMC), Highly Advanced Concrete, new construction materials, literature etc.</li><li>● Under the COE, Faculty members from the Civil Engineering Department have taken membership of Indian Concrete Institute (ICI) and are establishing a student chapter under ICI.</li></ul>
<b>UiPath</b>	<ul style="list-style-type: none"><li>● Incorporation of Robotic Process Automation (RPA) curriculum of all Programs including Engineering, Computer Applications and School of Management.</li><li>● Student and Faculty members undergo UI Path Certifications every academic year.</li><li>● MIET is the recipient of the Best Partner Institution award from UiPath in 2024.</li></ul>
<b>IBM</b>	<ul style="list-style-type: none"><li>● Institute can access high-quality courses in emerging technologies like Artificial Intelligence, Blockchain, Cloud Computing, and Cybersecurity.</li><li>● The platform provides students with an opportunity to learn from IBM experts and work on real-world projects.</li></ul>
<b>Unity</b>	<ul style="list-style-type: none"><li>● Students have access to licenses under Unity Centre of Excellence, which assists them to develop Augmented Reality (AR) and Virtual Reality (VR) applications.</li><li>● Launching a Startup called Immerse.VR which will focus around AR and VR.</li></ul>
<b>Amazon</b>	<ul style="list-style-type: none"><li>● Institution's Websites and In-house softwares are hosted on AWS Cloud.</li><li>● Students appear for AWS Cloud Practitioner and Associate Certifications. Around 300 students are certified AWS Cloud Practitioners.</li></ul>



# MODEL INSTITUTE OF ENGINEERING & TECHNOLOGY (AUTONOMOUS)

(Permanently Affiliated to the University of Jammu, NAAC 'A' Grade Accredited)

	<ul style="list-style-type: none"><li>● Cloud Computing is integrated into the curriculum and delivered through AWS Academy at MIET.</li></ul>
<b>Apple</b>	<ul style="list-style-type: none"><li>● Authorized Apple Training Center</li><li>● Training in Swift Programming with faculty certification as Apple Certified Instructors</li><li>● Apple Certified Instructors</li></ul>
<b>Oracle</b>	<ul style="list-style-type: none"><li>● Access to cutting-edge Oracle technologies, and hands-on experience with Oracle cloud services.</li><li>● Access to a wide range of Oracle products including Oracle Database, Application Server Products, Business Intelligence Technology Products, and WebCenter Products.</li><li>● Deployment of Oracle Database 19C instance on a main server, available for teaching, student labs, and exploration by stakeholders.</li></ul>
<b>Altair Engineering Inc</b>	<ul style="list-style-type: none"><li>● Access to Licensed softwares</li><li>● Opportunities for students to engage in real-world projects, gaining hands-on experience in simulation-driven design and optimization techniques.</li><li>● Access to industry-leading software solutions and training programs, enhancing their skills in areas such as finite element analysis and computational fluid dynamics.</li></ul>
<b>Hubspot</b>	<ul style="list-style-type: none"><li>● Access to the HubSpot platform provides students with hands-on experience and understanding of Customer Relationship Management (CRM) processes.</li><li>● Exposure to emerging trends in CRM through HubSpot, enabling students to stay updated with the latest developments in customer management strategies.</li></ul>
<b>CoRover.ai</b>	<ul style="list-style-type: none"><li>● Availability of Large Language Models for students to train their models</li><li>● Develop Chat Gpts</li><li>● Develop Chat bots</li></ul>



## MODEL INSTITUTE OF ENGINEERING & TECHNOLOGY (AUTONOMOUS)

(Permanently Affiliated to the University of Jammu, NAAC 'A' Grade Accredited)

<b>Bentley</b>	<ul style="list-style-type: none"><li>• Access to train faculty and students on 50 core softwares used in different domains of the Civil Engineering Department</li></ul>
----------------	---

These collaborative endeavors underscore our commitment to bridging the gap between academia and industry, ensuring that our graduates emerge as skilled professionals ready to make meaningful contributions to the workforce.

  
Director  
Model Institute of  
Engineering & Technology  
JAMMU-181122

Prof. Ankur Gupta

Director, MIET