



MORADABAD
INSTITUTE OF TECHNOLOGY

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AICTE IDEA LAB



NEWSLETTER

INNOVATE • PROTOTYPE • TRANSFORM



INSTALLATION

Setting up advanced equipments and infrastructure.



TRAINING

Empowering faculty and staff through hands-on training.



INAUGURATION

Launching a new era of innovation and excellence



**AICTE
APPROVED**



[www.mitmoradabad.edu.in
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MIT Moradabad
Uttar Pradesh, India

AICTE IDEA LAB

INNOVATION • DESIGN • ENTREPRENEURSHIP • APPLICATION



The AICTE IDEA (Innovation, Design, Entrepreneurship, and Application) Lab is an innovation and prototyping facility established in technical institutions to promote hands-on learning, creativity, design thinking, and entrepreneurship among students and faculty. It supports the objectives of the All India Council for Technical Education and the National Education Policy 2020 through the "learning by doing" approach.



The lab is equipped with advanced tools such as 3D printers, CNC Router, Laser Cutter, PCB fabrication systems, and major fabrication equipment and tools on a single platform for developing innovative projects and prototypes. It serves as a collaborative center for interdisciplinary learning, research, and product development while encouraging innovation, startup culture, and indigenous technology under the "Make in India" and "Atmanirbhar Bharat" initiatives.



The IDEA Lab was sanctioned to Moradabad Institute of Technology by the All India Council for Technical Education on 25th April 2025. The infrastructure development, procurement of equipment, installation, and training activities were completed as per the guidelines and instructions provided by AICTE. The lab was inaugurated on 25th April 2026 at the MIT campus. The IDEA Lab at MIT, Moradabad has commenced its activities and is conducting training, prototyping, and skill development programs in accordance with AICTE guidelines.



OPERATION AND MANAGEMENT PERSONNEL



DR. ROHIT GARG

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Head (ME)
Faculty Coordinator



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Lab Technician (ME)
Tech Guru 3



MR. MOHAN DUTT

Lab Technician (ME)
Tech Guru 4



MOHD. MOHSIN (ME)

Student Ambassador I



NISHTHA VAISH (ECE)

Student Ambassador 2



UJJWAL PALIWAL (CSE)

Student Ambassador 3



OUR DEVELOPERS

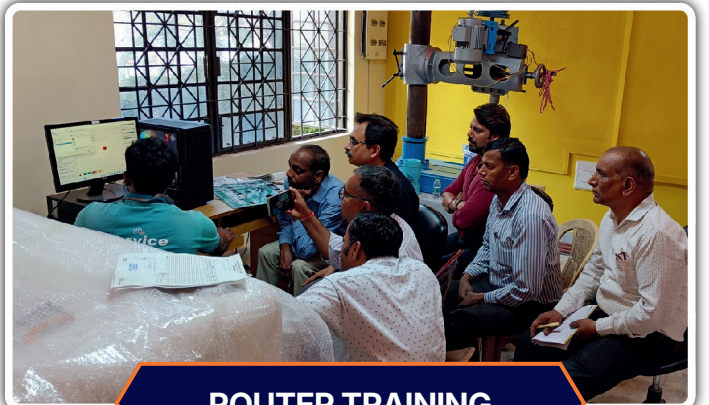
INSTALLATION OF EQUIPMENTS



TRAINING OF EQUIPMENTS



PCB & SCANNER TRAINING



ROUTER TRAINING



LASER CUTTING MACHINE TRAINING



3D PRINTING TRAINING

AICTE IDEA Lab at Moradabad Institute of Technology empowers students and faculty through hands-on training on advanced fabrication equipment and tools. Our training programs encourage creativity, innovation, and technical excellence to transform ideas into real world solutions.



In pursuit of Excellence



Inauguration of AICTE IDEA LAB

The AICTE IDEA Lab was inaugurated at MIT Moradabad by Prof. Sachin Maheshwari, Hon'ble Vice Chancellor of Guru Jambheshwar University, Moradabad, in the presence of members of the Moradabad Education Trust, Chief Mentor Dr. Rohit Garg, Coordinators Dr. Munish Chhabra and Dr. Kshitij Shinghal, along with Deans, Heads of various departments, technical staff, and students of the institute. The inauguration ceremony began with a curtain-opening ceremony, followed by a demonstration of major equipment installed in the Lab. This was followed by addresses delivered by the Chief Guest and the Director, MIT. Plantation was also conducted near the IDEA Lab premises to mark the occasion.



MOMENTS OF AICTE IDEA LAB INAUGURATION



MAJOR FABRICATION EQUIPMENTS

From Digital Design to Physical Creation

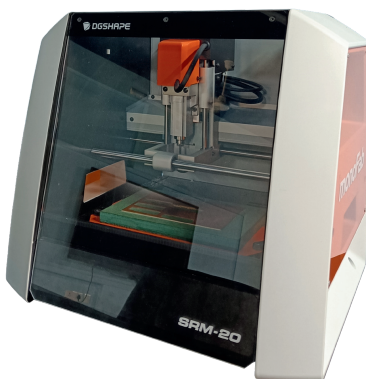
CNC ROUTER

High precision CNC Router for cutting, carving, and engraving wood, acrylic, foam, & more with computer-controlled accuracy



LASER CUTTER

Versatile laser cutter for precise cutting and engraving on wood, acrylic, leather, paper, and more



PCB MILLING

Specialized computer-controlled tool used to engrave and cut printed circuit boards



3D PRINTER

Reliable 3D printer for rapid prototyping and functional part development.

The AICTE IDEA Lab provides students with access to advanced fabrication technologies including CNC Routing, Laser Cutting, PCB Milling, and 3D Printing. These facilities promote experiential learning, rapid prototyping, product development, and innovation, enabling students to transform creative ideas into real-world engineering solutions.



LATHE CUM MILLING



VINYL CUTTER



POWER TOOLS

ELECTRONIC & SOLDERING



SOLDERING STATION



DESOLDERING STATION



SIGNAL GENERATOR



BENCHTOP MULTIMETER

TOOLS & MACHINE



PORTABLE WELDING

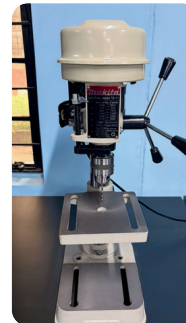


HAND HELD DRILL



BENCHTOP GRINDER

PRECISION & MACHINING



DRILL STATION



WOOD LATHE

MEASUREMENT & VISUALIZATION



DIGITAL MICROSCOPE



SEWING MACHINE



PROJECTOR

OUR DISTINGUISHED ALUMNI CONTRIBUTORS



Mr. Ajeet Singh Gill
Batch 2000

Platinum Contribution



Mr. Anees Ahmad
Batch 2000

Gold Contribution



Mr. Navneet Kumar
Batch 2000

Silver Contribution



Mr. Kumar Padmanabh
Batch 2000

Silver Contribution



CATEGORIES: PLATINUM: 2,00,000 INR, GOLD: 1,00,000 INR, & SILVER: 50,000 INR

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ABOUT AICTE IDEA LAB

AICTE Idea Lab at Moradabad Institute of Technology is a hub for innovation, creativity, and entrepreneurship. It empowers students to transform ideas into impactful solutions and build better tomorrow.



OUR LOCATION



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