



What is AICTE IDEA Lab?

AICTE has launched a scheme for establishing AICTE-IDEA (Idea Development, Evaluation & Application) Lab in its approved institutions for encouraging students for application of Science, Technologies, Engineering and Mathematics (STEM) fundamentals towards enhanced hands-on experience and learning by doing.

As a common facility embedded in the institution, IDEA Lab facilitates the students to “engage, explore, experience, express and excel” as desired by the Hon’ble Prime Minister in the wake of release of National Education Policy 2020. These Labs are mandated to function 24 x 7 in the institutions selected and be available to the colleges, schools and industries around also.

We can summarize it in following points:

- The purpose of IDEA Lab is to provide all facilities under one roof, for conversion of an idea into a prototype.
- It is like a special place where students, just like you, come together to think, create, and turn their ideas into something real.
- If someone is curious and love to come up with new ideas or solve problems, an Idea Lab is a fantastic place for you. It's a space where you can explore, learn, and make a real impact on the world with your creativity

Our Mentors



Dr. Rakesh Saxena
Chief Mentor
Director, SGSITS, Indore



Dr. Krishnakant Dhakad
Coordinator
Assistant Professor, IPED



Ms. Priyanka Bamne
Co-Coordinator
Assistant Professor,
CSE Department

AICTE IDEA LAB Student Ambassadors



Mr. Avneesh Vijay



Ms. Vanshika Jindal



Mr. Vedant Mishra

Final Year Team



**Mr. Akash
Kumar Mishra**
Final Year
Student



**Mr. Anshuman
Singh**
Final Year
Student



**Mr. Gaurav
Gupta**
Final Year
Student



**Mr. Kamaljeet
Sahu**
Final Year
Student



**Ms. Meenakshi
Patel**
Final Year
Student



**Ms. Pragati
Gupta**
Final Year
Student



**Mr. Pritesh
Dhaware**
Final Year
Student



**Mr. Rushikesh
Pandey**
Final Year
Student



**Mr. Satyam
Singh**
Final Year
Student

Our Team

IIIrd Year Students

- Mr.Aradhya Sharma
- Mr.Ashutosh Kushwaha
- Mr.Basu Jain
- Mr.Hemank Rakesh
- Ms.Jaya Singh Chauhan
- Mr.Jayesh Kumar Sharma
- Ms.Mihika Pathak
- Mr.Shriyansh Jar
- Mr.Ujjwal Kalbhore

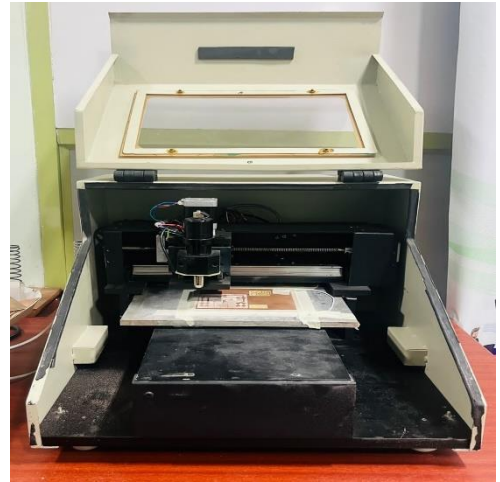
IInd Year Students

- Mr.Aayush Gupta
- Mr.Abhijeet Solanki
- Mr.Adanya Jaiswal
- Mr.Adarsh Agrawal
- Mr.Aditya Shukla
- Mr.Ajeet Sahani
- Mr.Amber Gupta
- Mr.Anany Sharma
- Mr.Arihant Rathore
- Mr.Chitransh Guha
- Mr.Devansh Ramdurgekar
- Mr.Gaurav More
- Mr.Mradul Patoriya
- Mr.Ronak Chopde
- Mr.Shivam Bansal
- Ms.Neetu Vishwakarma
- Ms.Shrutee Mishra
- Ms.Tanusha Choudhary
- Ms.Zeenat Khan

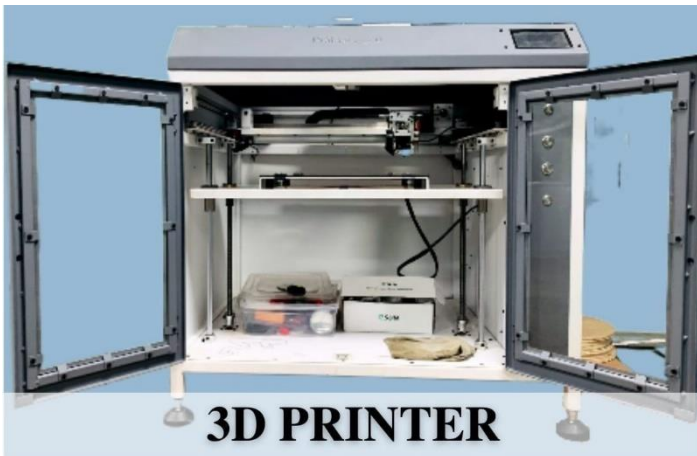
Our Equipments



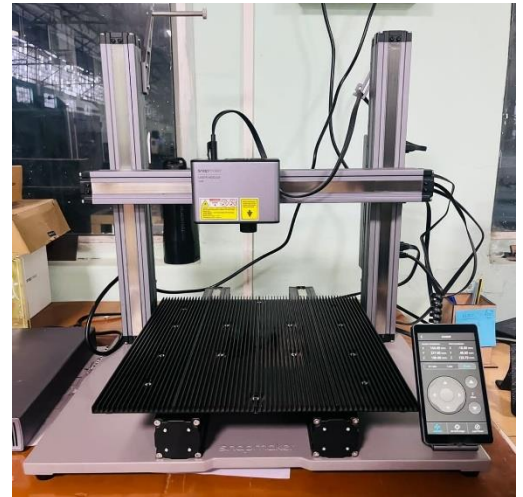
CNC ENGRAVER



PCB



3D PRINTER



Snapmaker



CO₂ Laser Machine



3-D Scanner



Vinyl Cutter

Facilities at Our IDEALab

Workspace

Prototyping services like 3D Printing, Laser Cutting, PCB making ,CNC cutting and engraving etc

Computer and Software

Expert Guidance

Access to Funding and Resources

Completed-Projects

Solar operated pesticide sprayer

Lab trainer kits for Biomedical Engineering Department

Autonomous drone for remote deliveries

Surgical robotic arm

Automatic Seed Sowing Machine

Gesture-Controlled Wheelchair

Automatic ON/OFF Switch

Agricultural Monitoring System

Quantisile Injector Prototype

Automatic Oiling for Ayurvedic Treatment

Ongoing-Projects

Pellet durability calculator

CNC Machine for hardening of metal parts

Contactless smart water dispenser

QR Code based Vending Machines

Website for Army Inventory

AC-Motor timer based R.B.M. Controller