



**AMITY
UNIVERSITY**

**AMITY SCHOOL OF
ENGINEERING AND TECHNOLOGY
DEPARTMENT OF MECHANICAL
ENGINEERING**

**AMITY
UNIVERSITY**



PROGRAMMES OFFERED

UG PROGRAMMES:

- B.Tech Mechanical Engineering (ME)
 - B.Tech Mechanical Engineering – 3 Continent
 - B.Tech Mechanical Engineering – International
 - B.Tech Mechatronics
-

PG PROGRAMMES:

- M.Tech Automobile Engineering
 - M.Tech Industrial & Production Engineering
 - M.Tech Mechatronics Engineering
 - M.Tech Thermal and Fluid Engineering
-

INTEGRATED PROGRAMMES:

- Integrated B.Tech Mechanical Engineering – M.Tech (Automobile Engineering)
 - Integrated B.Tech Mechanical Engineering – MBA
-

HONORS SPECIALIZATION:

- Computational Engineering
 - Digital Manufacturing
 - Robotics
-

MINOR DEGREE:

- Augmented and Virtual Reality
 - Data Science and Analytics
 - Computer Engineering
 - Artificial Intelligence and Machine Learning
 - IoT
-

Ph.D (Mechanical Engineering)

BEST PRACTICES

**“Experience Knowledge, Innovation and Success
with our best practices!”**

- ◆ Choice Based Credit System

- ◆ Non-Teaching Credit Courses

- ◆ In-Campus Innovation Incubator

- ◆ Study Abroad Programme (SAP)

- ◆ Industry 4.0 based Curriculum

- ◆ Internationally Accredited

- ◆ Smart Factory Environment

- ◆ Industries Participation

- ◆ Foreign Business Language

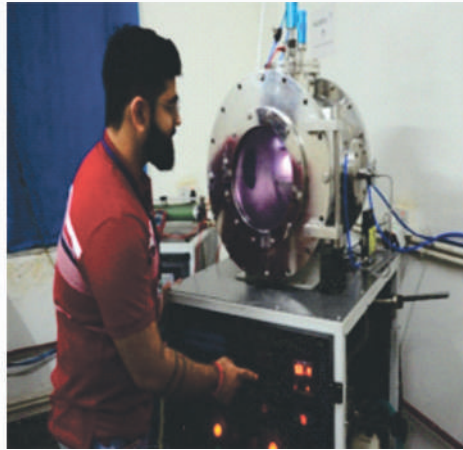
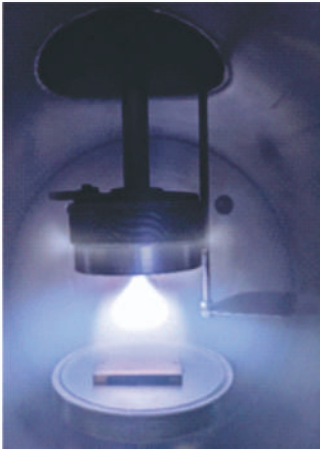
- ◆ Competitive Examination Environment

- ◆ Advance research facilities

- ◆ AI and Machine Learning based course Curriculum

LABORATORY AND RESEARCH INFRASTRUCTURE

"Experience limitless innovation and research with our world-class laboratory facilities!"



CENTRE FOR PLASMA FABRICATION



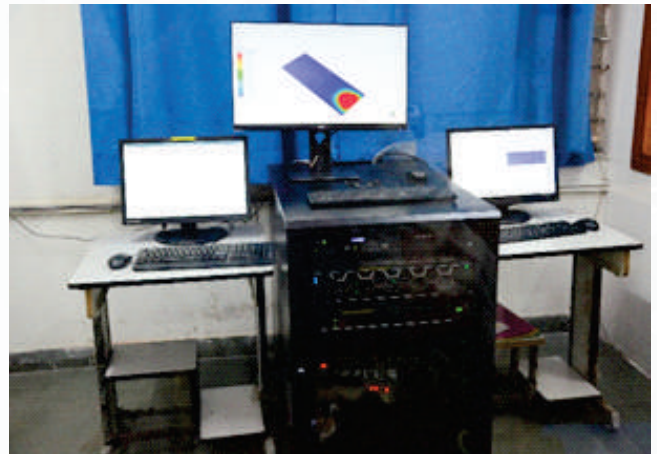
MICRO-FABRICATION LABORATORY



COMPUTATIONAL MANUFACTURING SYSTEMS LABORATORY



FLUID MECHANICS & TURBOMACHINERY LABORATORY



- Aerodynamic of airplane and automobiles body shape
- Meteorological phenomena
- Environmental hazards
- heating, ventilation
- air conditioning of buildings
- combustion in automobile
- interaction of various objects
- Multi-phase flow
- Processes in human body

CFD SIMULATION AND HIGH-SPEED COMPUTATION FACILITIES



SMART AND COMPOSITE MATERIALS LABORATORY





CENTRE FOR MECHATRONICS



HEAT TRANSFER LABORATORY

CENTRAL WORKSHOP



CONVENTIONAL MACHINE SHOP



REFRIGRATION AND AIR-CONDITIONING LABORATORY



ENGINE RESEARCH LABORATORY



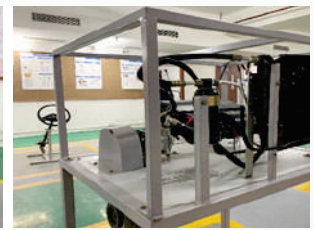
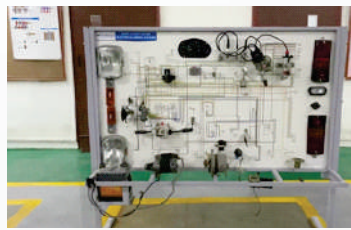
MACHINE TESTING LABORATORY



TRIBOLOGY AND VIBRATION LABORATORY



ADVANCED THERMAL & FLUID ENGINEERING LABORATORY



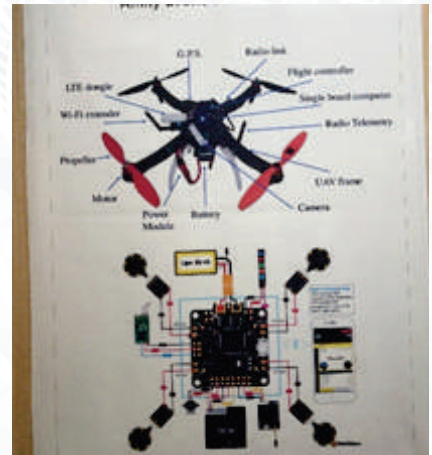
AUTOMOBILE LABORATORY



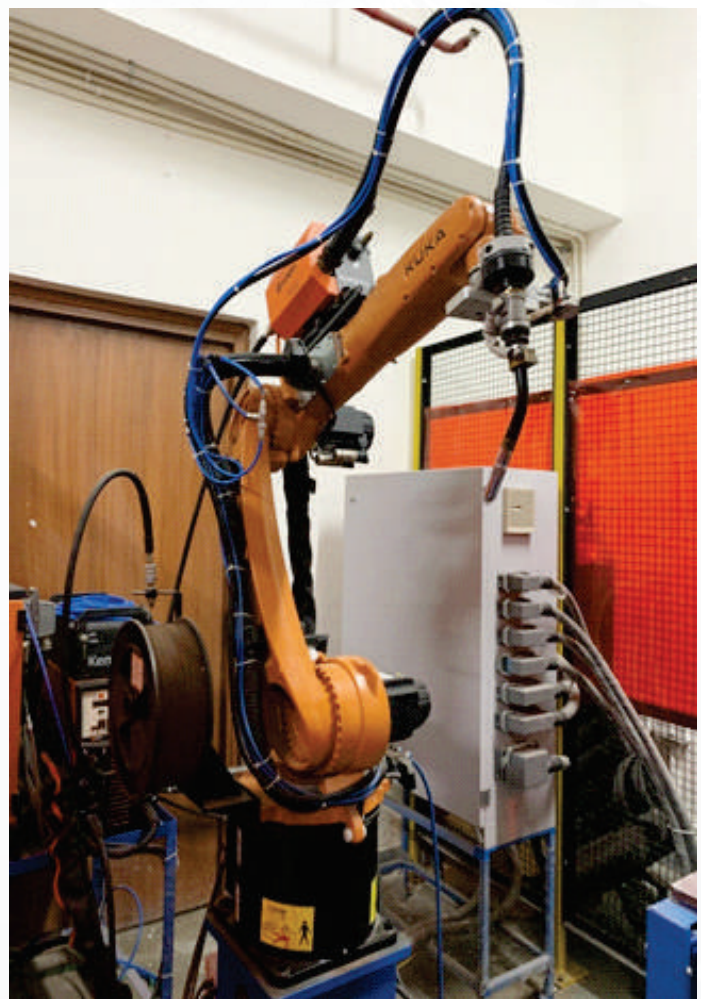
MANUFACTURING ASSEMBLY AND FABRICATION LABORATORY



TEARDOWN AND BENCHMARKING LABORATORY



Amity Drone Research Centre



Centre for Robotics





CENTRE FOR AI AND ML



VIRTUAL REALITY COMPETENCY CENTRE



SOLAR POWERED HYDROGEN CAR LABORATORY

PROGRAMMES OFFERED

Placements:

"Maximize Your Potential: Get Hired by Leading Companies through Our Department Campus Placements!"

1.Three Tier Placement System:

- Amity Training and Placement Centre (ATPC)
- Corporate Resource Centre (CRC)
- Department Level

2.150 + placement partners for passing out Batch of 2024

3.Internship-cum-placement fair for students starting from 6th Semester Onwards

4.100% placement of the students of passing out Batch 2024

5.Core Companies like TATA, Hyundai, Honda, Reliance, TVS, Bluestar, Escorts etc.

6.Alumni earning up to Rs.1 Crore P.A Salary

7.Alumni selected in Top 10 ranks in GATE Examination

8.Alumni selected in Indian Civil Services

9.Highest Salary Offered: 12 LPA*

10.Average Salary Offered: 7 LPA*

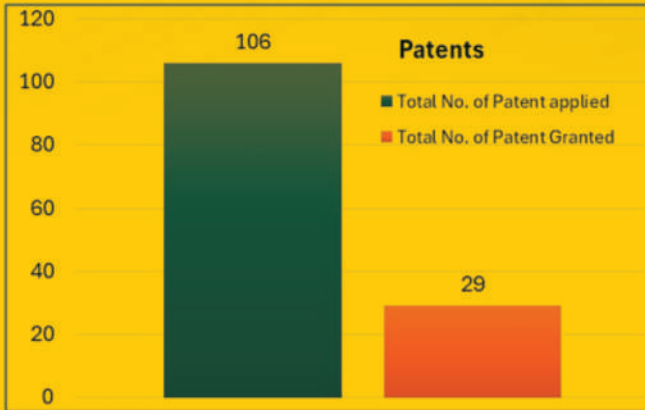
(* For 2024 Batch)

OUR TOP RECRUITERS

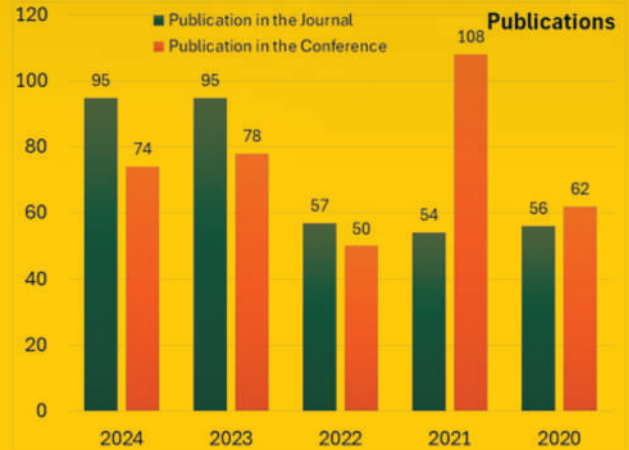


... and many more

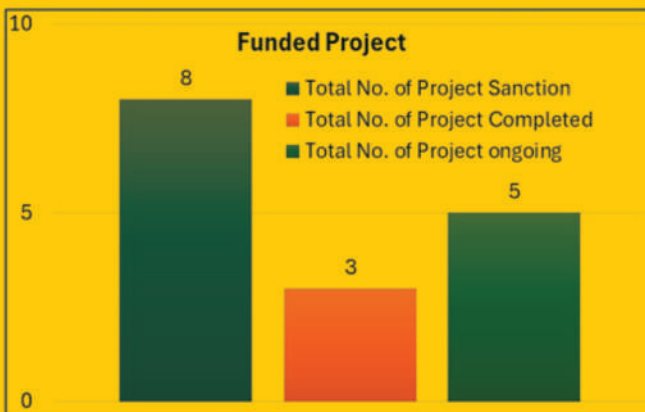
Departmental research Profile



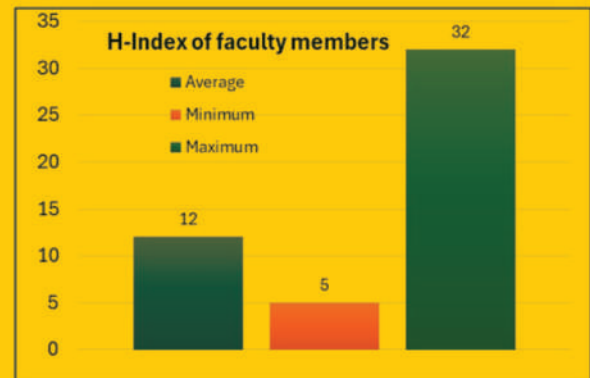
Number of patents applied and granted by faculty members and students for last three years



Journals and conferences publications of faculty members for last 3 academic year.



Number of research project going on and completed by faculty members for last 3 years.



H-index of faculty members by Scopus



CONNECT WITH US

Head of Department
 Department of Mechanical Engineering
 Amity School of Engineering and Technology
 Amity University, Sector – 125, Noida Uttar Pradesh- 201303

www.facebook.com/Mech_ASET [@me_amitynoida](https://www.instagram.com/me_amitynoida) www.linkedin.com/in/meamitynoida

✉ Write to us at: bssikarwar@amity.edu ☎ Contact No.: +91 9319343556