

AMITY INSTITUTE OF TECHNOLOGY

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PLACEMENT

BROCHURE

2024-25

AMITY UNIVERSITY UTTAR PRADESH

Amity University Campus,
Sector-125, Noida – 201313 (U.P.)

Tel : 0120-4392000

 <https://www.amity.edu/>

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 <https://instagram.com/amityinstituteoftechnology/>



MESSAGE OF FOUNDER PRESIDENT

It has been a matter of great satisfaction for me that Amity University Uttar Pradesh (AUUP) with its global vision to provide excellent education to enthusiastic students, has nurtured students to become global leaders, who have been playing key roles in the organizations across the globe. I firmly believe that our students should have global exposure to understand the dynamics at industry level and therefore, AUUP has introduced various programmes to expose the students to industry concepts.

Recognizing the need of the hour to train future-ready engineers, Amity University and Tata Technologies have come together and established Amity Institute of Technology (AIT), to provide industry oriented, innovation led simulated competency centers; wherein the experiential learning is imparted by leading experts from the industry to produce Industry ready engineers. It is at the core of AIT, that besides providing best academic environment, a lot of emphasis is being given on imbibing valuable virtues and traits such as integrity, intuition, instinct, flexibility, creativity and absolute dedication as well as commitment amongst its students.

I am thankful to all the corporate world leaders, industry guides and mentors and all others from the corporate world whose all-time help, motivation, guidance and advice has always been a source of encouragement to the success of AIT students and AIT alumni.

Dr. Atul Chauhan has given valuable impetus in making the environment, the inspiration and the encouragement for all the students and faculty members to prove that AIT is counted amongst the best Institutes of the world.

My blessings and good wishes would always remain with the students for reaching the pinnacle of success in their professional career.

Dr. Ashok K. Chauhan

Founder President, Ritnand Balved Education Foundation
(The Foundation of Amity Institutions and the
sponsoring body of Amity Universities)
Chairman, AKC Group of Companies

**EACH STUDENT
OF AMITY WILL
BECOME A
SUCCESS STORY**



MESSAGE OF CHANCELLOR

It is only when we set out to challenge our limits that we realize our true potential. Amity University Uttar Pradesh (AUUP), has always set the bar high, in everything that it encompasses, from the caliber of the brilliant students to the achievements of the faculty.

AIT is a joint initiative with TATA Technologies, which is led by world-class experts from the industry to produce Industry ready engineers. It offers B.Tech. and M. Tech. programmes, a highly evolved learning environment, enhanced through leading edge infrastructure and an ecosystem of overall excellence. The curriculum is dynamically aligned with the current needs of the industry, and is mapped to regular corporate feedback that reflects the latest global trends.

With extensive interactions with corporate leaders and industry leaders, there is a clear focus on providing real-world insights to the students. Besides being groomed to be excellent professionals, our students are nurtured to be responsible global citizens, who are good human beings as well. They are encouraged to develop a sharp sense of right and wrong and have the courage of conviction.

I am certain that each one of the professionally accomplished Graduates and Postgraduates will make a mark for themselves in diverse domains.

My best wishes to the entire team and the students.

Dr. Atul Chauhan

Chancellor, Amity University

President, Ritnand Balved Education Foundation

CEO, AKC Group of Companies



MESSAGE OF VICE CHANCELLOR

Amity University Uttar Pradesh (AUUP) provides world-class education in diverse streams including engineering, management, law, education and others. It has been at the helm in all spheres of imparting education, industry experience and nurturing leaders for the future. To reach such a level of success the path traversed has been long but steady and in its pursuit of excellence.

AIT is a unique initiative with TATA Technologies to provide industry oriented education. The growing influence of AIT is fast attracting the corporate world to our fold by not only refining the skills of its faculty, but also by shaping and making the bright youth, industry ready in all possible disciplines. It is to the credit of AIT that it constantly keeps tapping the force lying dormant among India's confident new generation and raises them on a value system based on ethics, integrity and sincerity.

The corporate world today is thus quite alive to its continuous contribution and it has been very rightfully choosing our premier Institution-AIT as a crucible to recruit from & gainfully absorb the budding leaders into their appropriate positions.

Prof. (Dr.) Balvinder Shukla

Vice Chancellor, Amity University Uttar Pradesh



On behalf of all our faculty, staff and students, welcome to AIT, Amity University Noida.

I'm extremely proud of the rich tradition of providing practical, experience-based technical education that our university has upheld since its founding. Our undergraduate and postgraduate engineering programmes prepare our students to become leaders with the moral depth and intellectual intensity necessary to meet the challenges of a time of critical transition in society. Amity University invests significantly in undergraduate education and research. We are deeply committed to the work we do in broadening participation in higher education that leads to a more diverse and inclusive scholarly community.

Traditional engineering programmes are more towards theoretical concepts and may not be that much effective for meeting the requirements of today's industry. To cater to the requirements of industry, Amity University has joined hands with Tata Technologies Ltd. and established AIT to bridge the gap between Academia and Industry and to create a talent pool of Industry Ready Engineers. Another important aspect of this engagement is to promote Innovation and Incubation by leveraging the Industry Innovation ecosystem for Entrepreneurship and Startups.

I invite you to take advantage of the resources and opportunities that AIT, Amity University Noida has to offer.

Prof. (Dr.) K M Soni
Dy. Dean (Engg. & Tech.)
Amity University Uttar Pradesh



It gives me immense pleasure to introduce you to AIT, Amity University Uttar Pradesh, Noida.

AIT, established in 2016 in close collaboration with Tata Technologies Limited, is committed to provide excellent education to enthusiastic students for becoming a well-qualified industry ready engineers in the field of Automobile Engineering, Aeronautical Engineering, Industrial Heavy Machinery Engineering and Electric Vehicles. AIT is a globally recognized Institute for imparting outstanding education for developing all the required competencies in our next-generation engineers. For doing so; AIT has established 6 Competency Centres namely Technology Centre, Innovation Centre, Learning Centre, Virtual Reality Centre, Tear Down Bench Marking Centre and Advance Manufacturing Centre. AIT offers B.Tech. programmes in Automobile Engineering, Aeronautical Engineering, B. Tech. Hons. Specialization/Minor Degree in Electric Vehicles, Master of Technology in Electric Vehicle Technology, Master of Technology (Electric Vehicle Technology) for Working Professionals, Integrated Bachelor of Technology (Automobile Engineering) - Master of Technology (Electric Vehicle Technology), Doctor of Philosophy (Automobile Engineering) –Full/Part Time

The institute has a team of highly qualified, experienced and dedicated faculty members in diversified streams to cater for all-round development of students. I am proud to share that the curriculum of these unique programmes, has been designed and developed by industry experts of Tata Technologies and other Industries to meet industry requirement and with global outlook.

With this, I wish our students to be an invaluable asset to the Industry and once again welcome to our premium programmes at AIT.

Prof. Vivek Kumar
Head of Institution
Amity Institute of Technology



AMITY EDUCATION GROUP

Amity is India's leading Global Education Group established over 2 decades ago.

Today it is home to over 175000 brilliant students across Pre-nursery to Ph.D. levels pursuing more than 300 Programmes in 60 diverse disciplines ranging from Management to Law, besides future focussed areas like Renewable Energy, Nuclear Science & Nanotechnology.

The Group is driven by its vision of building up a Global Knowledge Network providing globally-benchmarked education. Today the Group comprises of 14 international campuses across London, Dubai, Singapore, New York, San Francisco, Abu Dhabi, Mauritius, Sharjah, South Africa, Amsterdam, Nairobi, Tashkent besides India.

175000 Students

6000 Faculty

11 Universities

17 Global Campuses

26 Schools & Preschools

Campuses spread across **1,200** acres

1500 Patents filed by faculty

25000 Papers written by faculty

150 Global Universities as Research Partners

30000 Scholarships awarded

200000 Alumni worldwide

UNIVERSITY CAMPUSES IN 9 INDIAN STATES

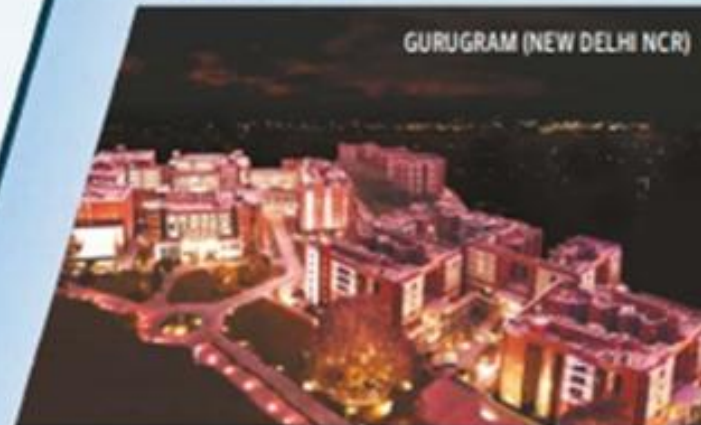
NOIDA (NEW DELHI NCR)



GREATER NOIDA (NEW DELHI NCR)



GURUGRAM (NEW DELHI NCR)



LUCKNOW



JAIPUR



GWALIOR



MUMBAI



KOLKATA



RAIPUR



RANCHI



PATNA



AMITY UNIVERSITY UTTAR PRADESH (AUUP)

Amity University Uttar Pradesh has been accredited with Grade 'A+' by National Assessment and Accreditation Council (NAAC), an autonomous institution of University Grant Commission (UGC) of India. In addition, Amity University Uttar Pradesh is proud to be the first Indian University to be accredited by The Institute of Engineering & Technology (IET, UK) for its Engineering programmes and accredited by Western Association of Schools and Colleges (WASC, USA).

The University has strong focus on Outcome Based Education (OBE) in all programmes and courses having well-defined objectives and learning outcomes aligned with institutional mission and the requirements of Industry 4.0. Programmes are relevant to local/regional/national and global developments.

It aims to be a leading Research driven University and has a strong research, innovation culture for collaborative inter-disciplinary/multi-disciplinary research. It has established high-end Research labs having sophisticated equipment including Scanning Electron Microscope, FT-IR, HPLC, Gas Chromatograph, Fermenter, Confocal Microscope FACS Accuri, Real time PCR, Chemiluminescence-GelDoc, clean room facility for stem cell culture, Atomic Absorption Spectrophotometer etc.

Amity University has taken initiatives to organize over 4000+ National & International Workshops, Conferences, Symposia, Seminars & Webinars to facilitate interaction with the top Scientists, Corporates, Academicians, Researchers & World-renowned personalities in the last five years.



**RANKED 32nd AMONGST
ALL GOVT. AND PRIVATE
UNIVERSITIES IN THE COUNTRY**



IN THE INDIA RANKINGS 2025

**Indian Intellectual Property Office under DPIIT, Ministry of
Commerce & Industry, Govt. of India, has conferred
“AMITY UNIVERSITY”
as the Winner of
12th most prestigious National Intellectual Property Award
in the category of ‘Top Indian Academic Institution for
Patents & Commercialization’ for the year 2020**

UNIVERSITY CORE VALUES

The University has following eight Core Values:

1. **Academic Excellence:** University strives for the uncompromising quality and highest standard of excellence in teaching, learning, research and scholarship across various disciplines.
1. **Integrity & Ethics:** University upholds the highest ethical values, integrity and professionalism and an unwavering commitment to academic freedom, transparency and accountability.
1. **Diversity & Mutual Respect:** University nurtures an environment of safety, trust & mutual respect and embeds equality & diversity in its Strategy by ensuring that the strategic plans are fair and inclusive.
1. **Expand Horizons of Knowledge:** University is driven by research and innovation and ensures continuous engagement in the scholarly activities in the pursuit of innovation, creativity and excellence
1. **Shared Governance:** University encourages shared decision-making through a process that rests upon collaborative consultation, open flow of information, diverse involvement and collective deliberations of all stake holders.
1. **Social Responsibility:** University creates and nurtures an inclusive environment where everyone can develop their full potential and contribute to the interest of the society.
1. **Environmental Responsibility:** University is acutely aware of its environmental responsibilities and embraces principle of sustainable development to ensure that any adverse environmental impact of its activities is minimized.
2. **Service:** University seeks to serve the diverse, personal and professional development needs of its constituents and encourage habit of engagement, caring, and civic responsibility by emphasizing a connect between service, excellence, and career growth.

GRADUATE ATTRIBUTES

Graduate Attributes are central to the design, delivery and assessment of student learning in all faculty of Studies at the University. The University Level Graduate Attributes include:

1. Discipline Knowledge & Expertise
2. Self-Directed and Active Learning
3. Research and Enquiry
4. Information & Communication Technology Skills
5. Critical Thinking & Problem-Solving Abilities
6. Communication Skills
7. Creativity, Innovation & Reflective Thinking
8. Analytical & Decision-Making Ability
9. Leadership & Teamwork
10. Multicultural Understanding & Global Outlook
11. Integrity and Ethics
12. Social & Emotional Skills
13. Employability, Enterprise & Entrepreneurship
14. Lifelong Learning
15. Environment and Sustainability

For each programme, graduate attributes are defined and the programme aims to inculcate these attributes in the students during their study at Amity.

ACADEMIC SYSTEM FOR HOLISTIC DEVELOPMENT OF STUDENTS

At Amity University Uttar Pradesh, academic excellence is the central focus of teaching and learning. The academic rigor and relevancy provide the students an advantage to grow into leaders in their chosen fields. Students can choose from more than 300 programmes in more than 60 disciplines. Conferences, Internships, Panel discussions, Workshops and Seminars are conducted throughout the academic year, with active participation from the Industry and Academia.

The University tends to serve as a vibrant platform for scientists, researchers & academicians and industry drawn from world-renowned scientific and research organizations & industry.

The academic atmosphere of the University is encouraging, engaging, equitable and nondiscriminatory. The Students, Faculty and Staff work together as a community. **Each Amitian is groomed for the holistic development. Behavioral Science, English/Business Communication and a Foreign Language are taught.** Students are encouraged to participate in various cocurricular and extra-curricular activities. Also, students are encouraged to participate in relevant National and International Competitions. Outdoor Activities Based Courses (OABC) are offered such as Military Training Camps, sports courses, Entrepreneurship Awareness Camp, Human Values and Community Outreach (HVCO) etc. Students are offered Open and Domain Electives in different areas to give students an exposure to diverse areas as per their choice such as photography, performing arts, baking, personal grooming, dramatics, acting etc.

The University is at the forefront of cutting-edge technology and scientific research. It has a strong R&D infrastructure and has numerous facilities and labs with modern state of the art equipment's. Today, AUUP is the hub of scientific learning, innovation and high-end research.

AMITY INSTITUTE OF TECHNOLOGY

A JOINT INITIATIVE WITH TATA TECHNOLOGIES

Recognizing the need of the hour to train future-ready engineers, Amity University and Tata Technologies have come together to provide industry oriented, innovation led simulated competency centers; wherein the training is provided by leading experts from the industry to produce Industry ready engineers. In this approach, we have recognized the industry-academia gap and restructured our curriculum by adopting the next generation of technologies and tools to train our students to bridge this gap.

State of the art Competency Centers consist of Industrial Robots, Conveyor Assembly Line, Manufacturing Execution System, Teardown, and Benchmarking, Vehicle cut section, Automobile Components and systems, 3D Printer, Aircraft Simulators, Aircraft Components and systems along with the other core labs.

The course curriculum is designed by Industry experts and students are trained by Industry experts on various core subjects such as Product Design and Development, Electric Vehicle, Additive Manufacturing, Advanced Manufacturing, Industrial Robotics, Design Thinking, Innovation, Business Fundamentals and Soft skills supported by three mini-projects and one major project. Advanced software are playing a very important role in Industry therefore all students will be trained on software such as MS Nastran, MSC Patran, MSC Apex, Catia V5, CREO etc. as per Industry standards.

Tata Technologies is a leader in the engineering and design space with transformative IT capabilities that help our customers bring better products to the market. Our services and solutions are modeled to bring out the best results in this digital era. Our engineers, practitioners and consultants put their skills to work to master the biggest challenges our customers face and partner with them to realize their vision and make better products. It's the millions of people who benefit from those products we help to make that inspires us to constantly innovate. The company is a strategic partner for developing complete vehicles, engineering subsystems and components, managing the New Product Introduction(NPI) process through collaborative engineering tools, while implementing cutting-edge solutions encompassing light weighting, Internet of Things (IoT), physical and virtual system integration, connected vehicles, digitization and many more.

VISION OF AIT

AIT in collaboration with Tata Technologies aims to become a globally recognized Institute for imparting outstanding education leading to well qualified and industry ready engineers, who are innovative, entrepreneurial and successful in advanced fields of Automobile Engineering, Aeronautical Engineering, Drone Technology and Electric Vehicles, to cater the ever changing industrial and social needs.

MISSION OF AIT

- To provide the students with academic excellence, leadership, ethical values and lifelong learning needed for a long and sustained career path.
- To educate students about professional & ethical responsibilities and to inculcate leadership qualities for their career growth.
- To create opportunities and to guide students in acquiring appropriate skills for their ever-ready acceptance by the industry.



Foreign Delegates Visit to AIT Competency Centres

PROGRAMMES OFFERED

- Doctor of Philosophy (Automobile Engineering)
- Doctor of Philosophy (Automobile Engineering) - Part-Time
- Master of Technology (Electric Vehicle Technology)
- Master of Technology (Electric Vehicle Technology) for Working Professionals
- Integrated Bachelor of Technology (Automobile Engineering) - Master of Technology (Electric Vehicle Technology)
- Bachelor of Technology (Automobile Engineering)
- Bachelor of Technology (Aeronautical Engineering)
- Hons. with specialization/Minor Degree (Electric Vehicles)
- Hons. with specialization/Minor Degree (Drone Technology)

ELIGIBILITY CRITERIA

B. Tech.

60% in class X & XII and 60% in PCM for Non-sponsored category.

Eligibility will be relaxed by 5% for Sponsored category.

Aggregate percentage will be calculated on the basis of marks scored in English and three academic subjects (excluding second language, Physical Education, Fine Arts, Performing Arts or any other Vocational /Non Written subjects). Student should have passed all the subjects of class XII from a recognized board.

M. Tech.

B.E. / B.Tech./ AMIE (Automobile /Aerospace & Space Tech / Electrical / EEE / Mechanical / Mechatronics / Robotics) (min 60%) & 10+2 (min 60%).

Eligibility will be relaxed by 5% for Sponsored category.

Ph.D

M. Tech / M.E./M.S. in Mechanical / Automobile / Aerospace / Aeronautical / Power systems/Control Systems/Mechatronics/Industrial Production Engineering/Thermal Engineering/CAD&CAM/ disciplines with min CGPA of 5.5 or 55% and min 55% aggregate in B.Tech/B.E.

Foreign/ NRI applicants with a Masters' degree from a foreign university must apply with an equivalence certificate of AIU along with the Online Application Form.

Programme Structure(B.Tech. AME)

| First Year | | Second Year | | Third Year | | Fourth Year | |
|------------------------------|--|--|--|--|---|---|---------------|
| SEM-1 | SEM-2 | SEM-3 | SEM-4 | SEM-5 | SEM-6 | SEM-7 | SEM-8 |
| Applied Mathematics - I | Design Thinking and Innovation | Applied Mathematics III | Applied Mathematics IV | Design of Auto Components | Fundamentals of Body Engineering | Principles of Vibrations | Major Project |
| Engineering Chemistry | Basics of Automotive | Materials Engineering | Fundamentals of Auto Electrical System | Dynamics of Machines in Automobile Engineering | Elements of Vehicle Dynamics | Principles of Economics | |
| Basic Electrical Engineering | Applied Mathematics – II | Basic Electronics Engineering | Essentials of CAT | Chassis Engineering | Industrial Robotics System | Project management in Industry | |
| Essentials of CAD Tools | Engineering Physics | Object Oriented Programming using C++ | Heat and Mass Transfer | Powertrain Engineering | Practical Finite Element Analysis | Value Analysis and Value Engineering | |
| Environmental Studies | Engineering Mechanics | Introduction to Thermo-fluids | IC Engine and Gas Turbine | Auto Electronics | Professional Ethics and Social Responsibility | Aspect of Indian History for Engineers | |
| Technical Communication - I | Elements of Mechanical Engineering Lab | Mechanics of Solids | Kinematics of Machines in Automobile Engineering | Elements of Computer Aided Manufacturing | Automotive Air Conditioning and Refrigeration | Vehicle Testing & Certification | |
| Foreign Business Language | Technical Communication - II | Fundamentals of Product Design & Development | Manufacturing Engineering | Aptitude and Reasoning Ability | Essentials of Industry 4.0-II | Mini Project-III | |
| | Foreign Business Language | Mini Project -I | Vehicle Engineering | Mini Project-II | Employability Skills for Automobile & Aeronautical Industry | Summer Internship | |
| | | Foreign Business Language | Foreign Business Language | Essential of Industry 4.0 | Electrical Drives and Power Electronic Systems | Sociology for Engineers | |
| | | | | Working in Teams for Professional Excellence | Foreign Business Language | Law for Engineers | |
| | | | Self-Reliance and Socialisation | Foreign Business Language | HVCO | Vehicle Integration | |
| | | | | Fundamental of Electric and Hybrid Vehicles | | Energy Storage, BMS and Charging Infrastructure | |
| | | | | | | Foreign Business Language | |

Programme Structure (B.Tech. ANE)

| First Year | | Second Year | | Third Year | | Fourth Year | |
|------------------------------|--|--|--------------------------------------|--|---|---|---------------|
| SEM-1 | SEM-2 | SEM-3 | SEM-4 | SEM-5 | SEM-6 | SEM-7 | SEM-8 |
| Applied Mathematics - I | Design Thinking & Innovation | Applied Mathematics III | Applied Mathematics-IV | Compressible Aerodynamics | Practical Finite Element Analysis | Principles of Vibrations | Major Project |
| Engineering Chemistry | History of Aeronautics | Basic Electronics Engineering | Basic Simulation Lab | Theory of Flight Mechanics | HVCO | Helicopter Engineering | |
| Basic Electrical Engineering | Applied Mathematics – II | Object Oriented Programming using C++ | Incompressible Aerodynamics | Aero Structures - II | Flight Vehicle Design | Aerospace Quality Assurance & Certification | |
| Essentials of CAD Tools | Engineering Physics | Materials Engineering | Manufacturing Engineering | Basics of Propulsion | Aircraft Stability & Control | Composite Structure Design and Analysis | |
| Environmental Studies | Technical Communication-II | Introduction to Thermo-fluids | Aircraft Systems and Instrumentation | Aircraft Materials | Jet Propulsion | Summer Internship | |
| Foreign Business Language | Engineering Mechanics | Fundamentals of Product Design & Development | Aero Structures - I | Elements of Computer Aided Manufacturing | Aircraft Maintenance Repair & Overhaul | Mini Project - III | |
| Technical Communication-I | Elements of Mechanical Engineering Lab | Mechanics of Solids | Introduction to CAT | Heat Transfer | Advanced Manufacturing Engineering | Aspects of Indian History for Engineers | |
| | Foreign Business Language | Foreign Business Language | Military Training Camp | Aptitude and Reasoning Ability | Essentials of Industry 4.0-II | Computational Fluid Dynamics | |
| | | Mini Project-I | Foreign Business Language | Mini Project-II | Employability Skills for Automobile & Aeronautical Industry | Law for Engineers | |
| | | | Self-Reliance and Socialization | Working in Teams for Professional Excellence | Foreign Business Language | Economics of Engineers | |
| | | | Fundamentals of Drone | Foreign Business Language | Professional Ethics and Social Responsibility | Sociology for Engineers | |
| | | | | Essentials of Industry 4.0-II | Stability and Control of Drones | Navigation and Flight Control Systems | |
| | | | | Flight Mechanics and Aerodynamics | | Flight Testing | |
| | | | | | | Foreign Business Language | |

Programme Structure (M.Tech. EVT)

| First Year | | Second Year | |
|--|--|--|--------------|
| SEM-1 | SEM-2 | SEM-3 | SEM-4 |
| Advanced Vehicle Engineering | Noise, Vibration and Harshness in Electric Vehicles | Advanced Optimization Techniques | Dissertation |
| Advanced Electric Vehicles and Hybrid Vehicles | Electric Drives and Systems | Testing and Certification of EVs | |
| Advanced Powertrain Engineering | Power Electronic Systems | Professional Ethics and Social Responsibility for Sustainability | |
| Energy Storage and Management in Electric Vehicles | Smart Grid and Advanced Metering Infrastructure | Industry Internship | |
| Research Methodologies | Advanced Battery Recycling Technologies | Social Responsibility & Community Engagement | |
| Fuel Cell Technology | Introduction To Industry 4.0 And Industrial Internet Of Things | Minor Project | |
| Professional & Business Communication | Seminar - I | Foreign Business Language | |
| Foreign Business Language | Cognitive Analytics & Social Skills for Professional Development | | |
| | Foreign Business Language | | |
| | | | |
| | | | |

COMPETENCY CENTRES AT AIT

AIT has six Competency Centres for training and imparting skills for producing industry ready engineers and to enhance their employability.

TECHNOLOGY COMPETENCY CENTRE

The Technology Competency Centre consists of 30 high end work stations, which are loaded with various softwares like Creo, Ansys, Abaqus, CATIA, etc. The Competency Centre has virtual tools of all the major OEMs which are used by the industries across globe. Students use these high end facilities and softwares for

- **Computer Aided Design (CAD)**
- **Computer Aided Manufacturing (CAM)**
- **Computer Aided Engineering (CAE)**
- **Product Life-cycle Management**
- **Electric Vehicle Design and Analysis**

These technologies help students to understand the theory followed by industry domains and leading to creating of individual projects. In this unique set up of two display monitors per user and with TATA technologies e-learning platform "IGETIT" students will be taught the entire "Concept to Production" life cycle of different components and assemblies used in manufacturing sector mainly in Automotive, Aeronautics and Industrial Heavy Machinery. Students will also be able to work on the real life projects.



Technology Competency Centre

INNOVATION COMPETENCY CENTRE

- This Competency centre is equipped with different automotive components and assemblies, working cut section models ranging from manual steering wheel up to a full vehicle (SUV and Passenger car) to hone and upgrade the skills of the students. This centre has steering wheel, transaxle, Diesel Engine, Petrol Engine, Front Axle, Rear Axle with differential, Engine mock up, Body without conventional Chassis and Body over frame chassis with almost 30 parts cut sections.
- The training will be provided on these machines. These training will not only enable the resources to operate these machines but also the process for repairing the machines and its various parts.
- Learning Centre is committed to helping students launch successful careers in the automotive industry. The students get involved in vehicle electronics or specialize in engines, axle, gear assembly, wheels etc.



Innovation Competency Centre

LEARNING COMPETENCY CENTRE



Learning Competency Centre

- This Competency centre is equipped with different automotive components and assemblies, working cut section models ranging from manual steering wheel up to a full vehicle (SUV and Passenger car) to hone and upgrade the skills of the students. This centre has steering wheel, transaxle, Diesel Engine, Petrol Engine, Front Axle, Rear Axle with differential, Engine mock up, Body without conventional Chassis and Body over frame chassis with almost 30 parts cut sections.

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- Learning Centre is committed to helping students launch successful careers in the automotive industry. The students get involved in vehicle electronics or specialize in engines, axle, gear assembly, wheels etc.

VIRTUAL REALITY COMPETENCY CENTRE

The Virtual Reality Centre has 15 workstations, Industrial Visualization software by Siemens and Dassault Systems, a Flight Simulator and Aircraft Landing Gear. Following software packages are installed with 1 license and 5 extra seating.

- Lockheed Martin Prepar3d
- AerX propriety software for simulation

Following MSC package is installed with 14 licenses each.

Adams, MSC Apex, Dytran, Easy5, Marc Mentat, MSC Nastran, Patran, MSC FEA, AFEA & TFE

- Virtual Learning Centre has been established as “Visualization lab for industrial process” using the expertise in Visualization technologies and manufacturing domain. We are developing self-paced interactive e-learning modules which will be delivered through this competency centre.
- The advantages of these learning modules to students are designing with no assumption of domain knowledge or technology expertise, self-paced, interactive sessions making learning easier and enjoyable.



Virtual Reality Competency Centre

TEARDOWN BENCH MARKING COMPETENCY CENTRE

The Teardown Bench Marking Centre has facility for conducting benchmarking studies, studying cost effective designs, instill the principles of Value Engineering, frugal design in students. This also helps instill the philosophy of exploring ideas for innovative products keeping product value in sight. This facility caters to batch of 30 students. The lab consists of different machinery that enables teardown and benchmarking – car lift, air compressor, display trolleys, Computers, engineering toolbox, measuring tools & equipment, special teardown equipment, weighing scale, portable crane, camera, recorders, projectors and cars for tear down.



Tear Down and Bench-marking (TDBM) Competency Centre

ADVANCED MANUFACTURING COMPETENCY CENTRE



Advanced Manufacturing Competency Centre

- The pedagogy of this Advanced Manufacturing Centre is built on the principles of experiential learning. Learning in context is well established as a highly effective method for students of all disciplines, but it is especially effective for the physical sciences. Our project teams mirror the work place. The staff is immersed in not only meeting the technical needs of local industry but in learning to teach to the different learning styles of diverse team members. Teams learn firsthand, in real time, the importance of maximizing the team's talent.
- This centre is well equipped with of FANUC/Kuka Robot, Robot programming, fixtures for 2D, 3D path, hardware needed for installations etc.

INTELLECTUAL CAPITAL OF AIT



Prof. (Dr.) K M Soni

Dy. Dean (Engg. & Tech.)
Amity University Uttar Pradesh



Prof. Vivek Kumar

Professor & In-charge Head
Amity Institute of Technology



Dr. Sanjay Singh

Professor & HOD (Aeronautical
Engineering)



Dr. Eswara Krishna
Mussada

Associate Professor



Dr. Bedatri Moulik

Asst. Professor-III



Dr. Anil Kumar

Asst. Professor-III



Dr. Ishtiaq Ahmed Khan

Program Director
TATA Technologies Ltd.



Mr. V K Joshi

Program Director
TATA Technologies Ltd.



Dr. R.S. Tarnacha

Consultant Tata Technologies Ltd.



Mr. Jai Kumar Jain

Consultant, TATA Technologies Ltd.



Dr. Gurpreet S Saini

Assistant Professor-III



Dr. S.S Chauhan

Asst. Professor-III



Dr. Gaurav Ninawe

Asst. Professor-II



Dr. Indradeep Kumar

Asst. Professor-I



Mr. Manish Sharma

Assistant Manager
TATA Technologies Ltd.



Mr. Rahul Sharma

Team Lead
TATA Technologies Ltd.



Mr. Rohit Yadav

Coordinator
TATA Technologies Ltd.



Mr. Naresh Kr Sharma

Design Engineer



Mr. Ankush Kulshrestha

Senior Engineer
TATA Technologies Ltd.

ASSOCIATED INTELLECTUAL CAPITAL OF UNIVERSITY



Dr. H. P. Singh
Dean Student Welfare,
Amity University Uttar Pradesh



Prof. (Dr.) Alpana Kakkar
Dean, Student Support and Academic Affairs,
Amity University Uttar Pradesh



Prof. (Dr.) Sujata Pandey
Head - Amity Innovation Design Centre
Professor, Amity School of Engg. & Technology



Prof. (Dr.) Anupam Narula
Dy. Director (Alumni Relations),
Amity University Uttar Pradesh



Prof. (Dr.) Sunita Rattan
HOI & Addl. Director,
Amity Institute of Applied Science



Prof. (Dr.) Alpana Kakkar
Head, Amity Center of Behavioral Sciences



Prof. (Dr.) Garima Agarwal
Professor & Head, ACED
Amity Centre for Entrepreneurship Development



Prof. (Dr.) Anil Sehrawat
Prof. and Dy. Director,
Amity Institute of Corporate Communications



Mr. Inderbir Singh Kochar
Offg Head,
Amity School of Foreign Languages

GUEST SPEAKERS FROM INDUSTRIES



Mr. Pushkaraj Kaulgud
Global Director, EESS, ER&D Department,
TATA Technologies



Mr. Zafar Equbal
Co-Founder & CEO,
Goenka Electric Motor Pvt Ltd.



Mr. Rajiv Malhotra
President,
Motherson Techno Tools Ltd.



Mr. Sunil Bhatnagar
Director,
Sanvaru Technologies Pvt Ltd.



Mr. Anup Wadhwa
Director,
Automation Industry Association



Mr. A.L.N. Rao
CEO,
EXIGO Recycling Pvt Ltd.



Dr. Prabir Kanti Basu
Sr. Vice-President, New Energy,
Reliance Industries Ltd



Dr. Allabaksh Naikodi
Head-EV,
Royal Enfield



Mr. Saurabh Mohan Saxena
Founding Director & CEO,
AHODS Technologies India Pvt Ltd.



Mr. Vikrant K Aggarwal
Founder and Director,
EVI Technologies



Mr. Vikas Gupta
CEO,
E-Ashwa Automotive Pvt Ltd.



Mr. P. Bala
CEO,
Sodion Energy



Mr. Vinod K Gupta
President,
Imperial Society of Innovative Engineers



Mr. Arun JeyaPrakash
Director & CEO,
Aviocian Technologies Pvt Ltd.



Mr. Krishna Kumar Srinivasan
Head Electrical,
Mott McDonald Company, Musqat



Mr. Prabhakar Chaurasia,
Founder & CEO,
AutoApps Engineering Solutions Pvt Ltd.



Mr. Suresh Perinjery,
Partner Technical Manager
PTC India



Mr. S. Sunil Kumar
Dy. Head Application and Training,
Janatics Pvt Ltd

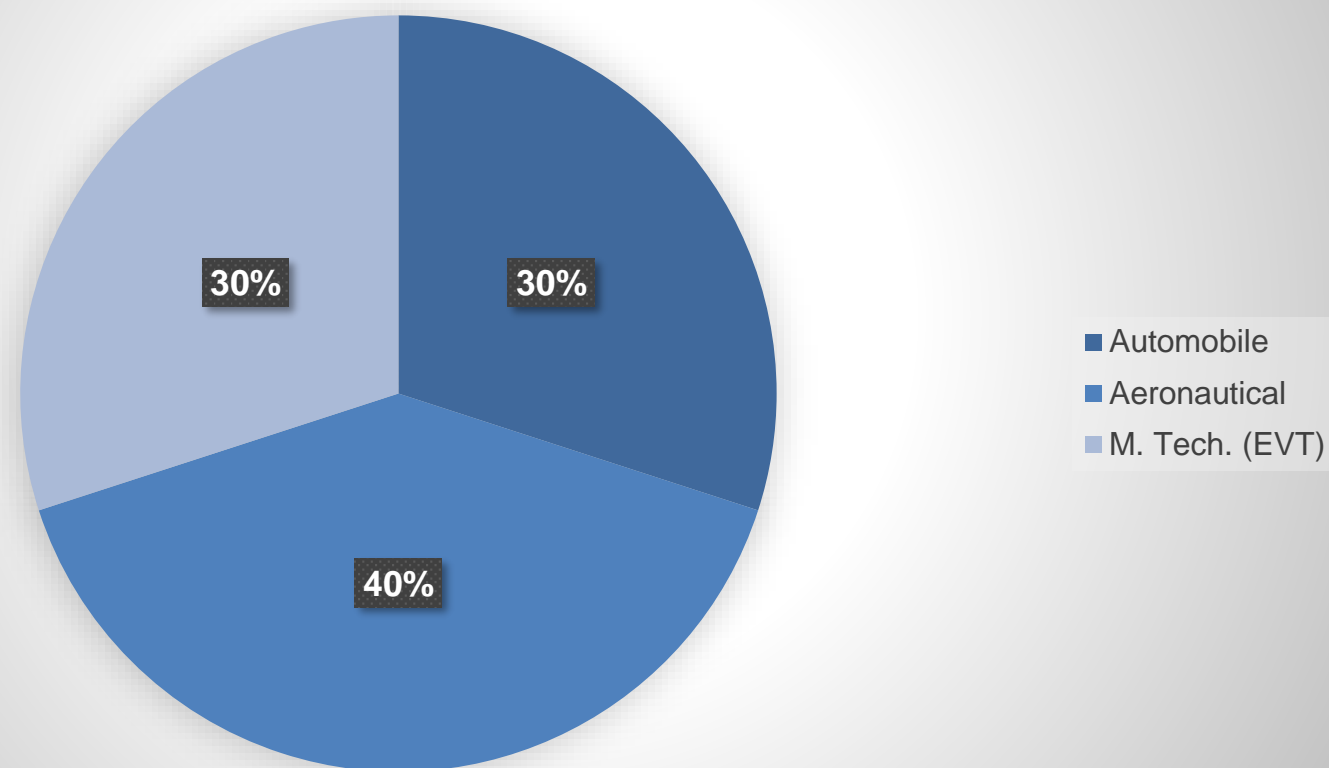


Mr. Prabal Bose
Area Sales Manager,
ABB India Ltd.

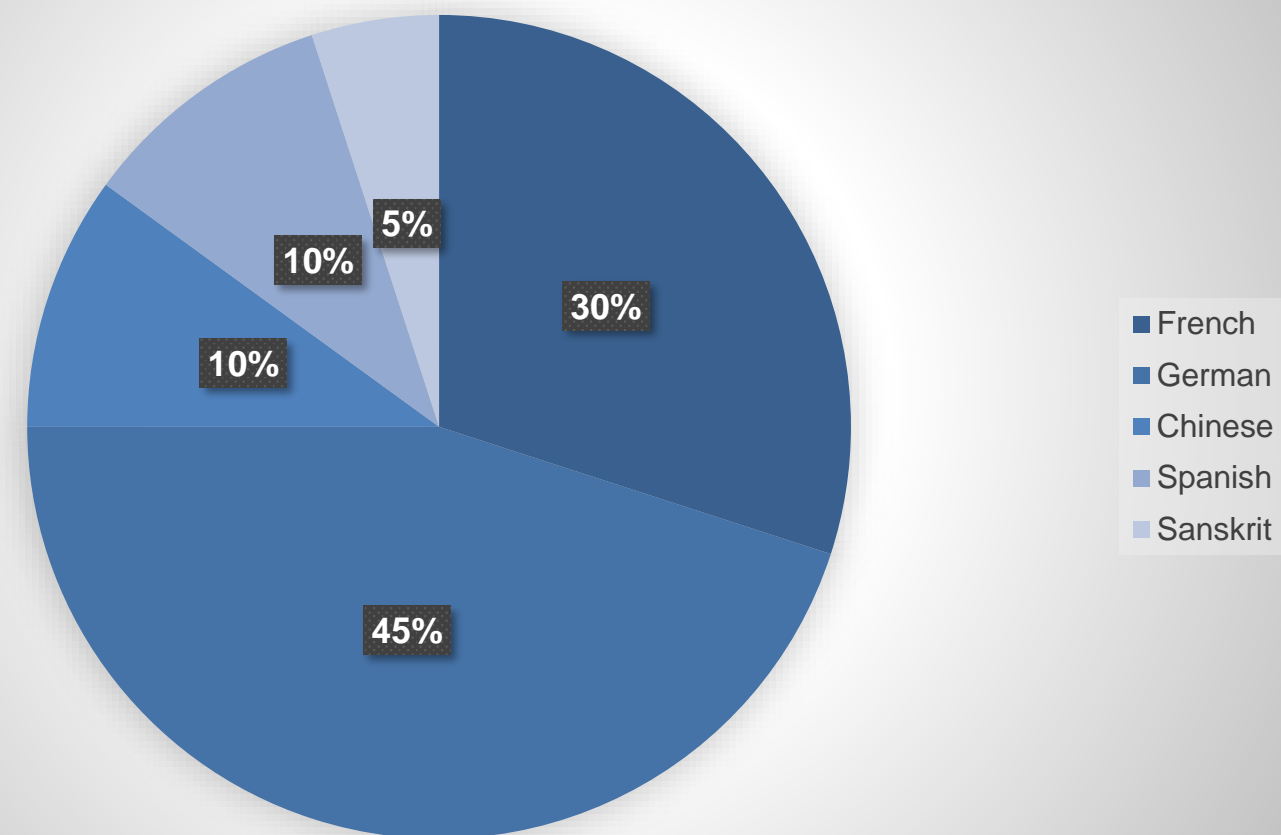
And many more.....

STUDENT STATISTICS @ AIT

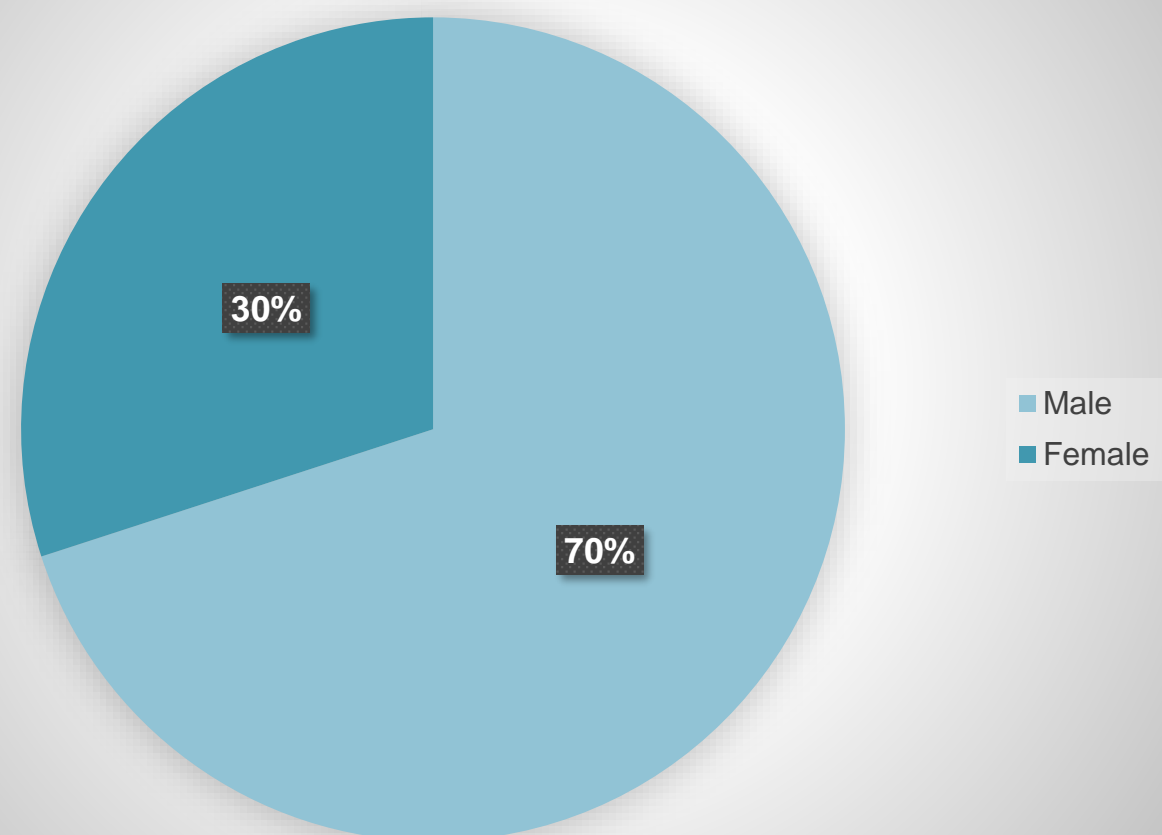
Students persuing Automobile/Aeronautical Engineering and M. Tech. (EVT)



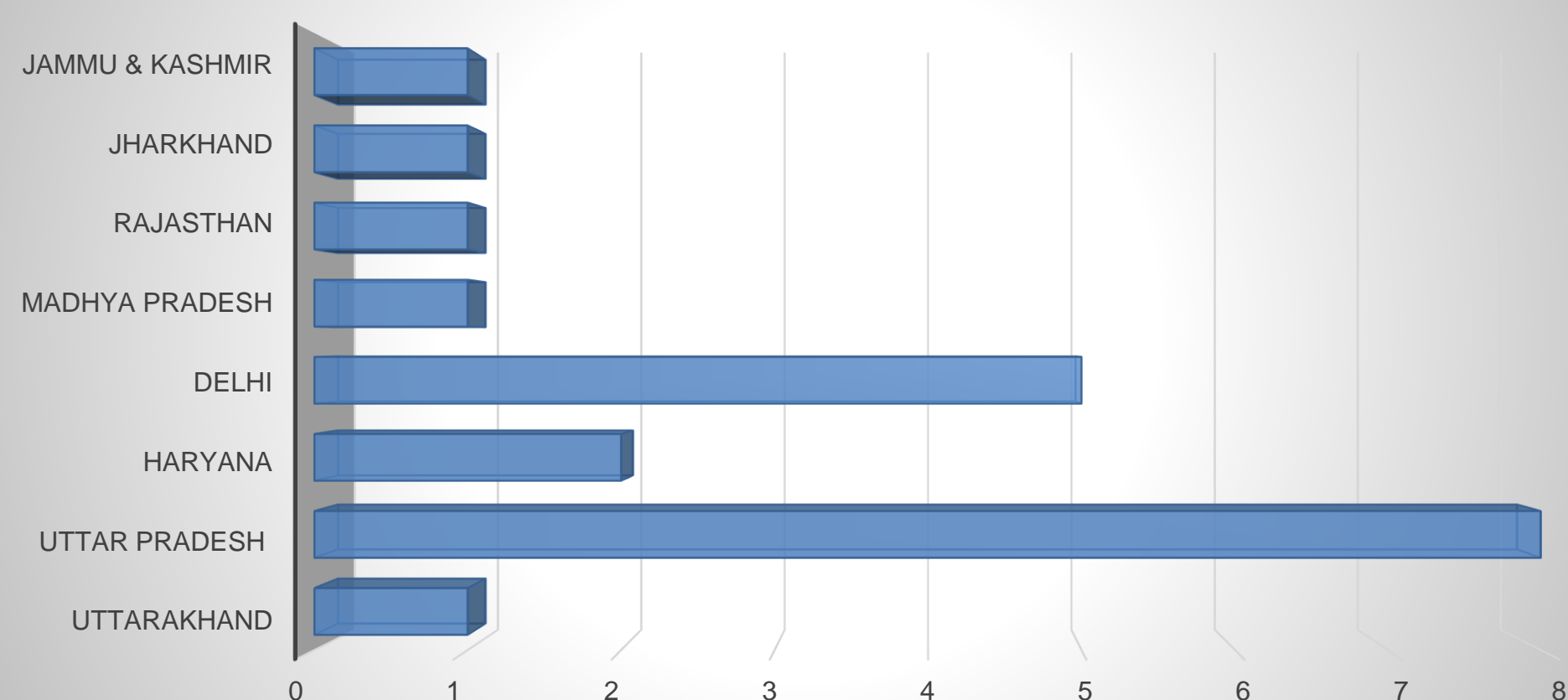
Foreign Business Language



Number of Students (Male/Female):



State-wise Statistics of Students



STUDENT PROFILES (Automobile Engineering 2021-25 Batch)



Name: Mohit Singh

Mobile Number: 7088317699

CGPA: 7.91

Achievement:

1. Class representative of B.Tech(Automobile Engineering) Batch 2021-25
2. NPTEL Certified Course-Manufacturing Automation
3. NPTEL Certified Course-Sociology of Science
4. NPTEL Certified Course-Economics of Innovation (Ongoing)

Projects :

1. Driving pattern recognition using AI
2. Comparative performance study of diesel engine and petrol engine
3. Study different types of transmission in automobiles

Internships:

Summer intern at Tata Technologies



Name: Navya Ratti

Mobile Number: 7428148544

CGPA: 6.41

Achievements:

1. NPTEL Certified Course-Manufacturing Automation
2. NPTEL Certified Course-Sociology of Science
3. NPTEL Certified Course-Economics of Innovation (Ongoing)

Projects:

1. Study of different types of gears
2. Detailed analysis of design of flex fuel vehicle.-SHEV
3. Design and development of Go-Kart.

Internships:

After-sales Quality: Operations and market problems and diagnosis at Honda Cars India Ltd. under Service Quality dept.

STUDENT PROFILES (Automobile Engineering 2021-25 Batch)



Name: Abhay Kumar Kaushik
Mobile Number: 9310879884
CGPA: 6.52

Achievements:

Class Representative for first 2 Academic year
Joint Secretary of SAE chapter 2023-24
Participated in SAE BAGA Event in Sep-22
Certified NPTEL Course-Manufacturing Automation
Certified NPTEL Course-Sociology of Science
Ongoing NPTEL Course-Economics of Innovation

Projects And Research Papers:

1. Study on different types of batteries used in Automobile/ EV
2. Design and Analysis of leaf spring suspension
3. Design and development of Go-Kart

Internships

1. Summer Internship at Tata Technologies



Name: Hardik Sehgal
Mobile Number: 9810284735
CGPA: 7.65

Achievements:

1. President of SAE India Chapter
2. Vice President of Piston Craft Club
3. Sports Coordinator
4. Completed course - Fundamentals of Electric and Hybrid Vehicles.
5. NPTEL courses:
 - Completed course - Manufacturing Automation.
 - Completed course - Sociology of Science.
 - Ongoing course - Economics of Innovation.
6. Participated in SAE eBAJA 2022
7. Event Captain (Football) 2024
8. Participated in Sangathan (Football) in 2022, 2023 and 2024

Projects:

1. Study of Different Types of Gears.
2. Hybrid Additive Manufacturing of Automotive Components.
3. Design and Development of a Go-Kart.

Internships:

1. Escorts Kubota Limited - Construction Equipment | Project Intern.
2. Manav Mandir Gurukul | Education Mentor.

STUDENT PROFILES (Automobile Engineering 2021-25 Batch)



Name: Vyom Srivastava
Mobile Number: 7011142657
CGPA: 7.55

Achievements:

1. Completed ASDC courses (2023)
2. Completed NPTEL course: Manufacturing Automation (2023)

Projects And Research Papers:

1. Application of Alternate propulsion systems in automobiles (2024)
2. Application of Artificial Intelligence in Additive Manufacturing of Automobile parts (2023)
3. Comparative study of Fossil Fuel vehicles and Electric Vehicles (2022)

Internships:

Summer internship with TATA Technologies (2024)



Name: Gurneet Singh
Mobile Number: 9718678555
CGPA: 7.57

Achievements:

1. Excellence in Innovation challenge for global environment” awarded 2nd position
2. Silver medalist in athletics 200 m race represented by university
3. State Level footballer, represented Faridabad in the Haryana state Championships for 3+ years

Projects:

1. Driving Pattern Recognition using AI
2. Development of energy harness system in Hybrid Vehicles

Internships:

Tata Technologies Ltd(In depth research on Alternative Propulsion Systems for Automotive Applications)

STUDENT PROFILES (Aeronautical Engineering 2021-25 Batch)



Name: Kevin Philip Shajan
Mobile Number: 9810793722
CGPA: 6.88

Achievements:

1. NPTEL Certification in Introduction to experiments in flight and Sociology of science
2. NPTEL Ongoing Course in Economics of innovation

Projects:

1. Sports Aerodynamics
2. Flapping wing flight ideas

Internships:

HAL Transport Aircraft Division Kanpur



Name: Smriti Mathur
Mobile Number: 7838874435
CGPA: 9.17

Achievements:

1. Received "A" grade in ISRO Start Programme-2023
2. NPTEL courses
Elite certificate for Rocket Propulsion-IIT Madras (Percentage Score=63%)- 2024
Silver certificate for Lighter than Air Systems-IIT Bombay (Percentage Score=79%)- 2023
Completion certificate for Aircraft Design Course-IIT Madras (Percentage Score=56%)-2023
Completion Certificate in Sociology of Science
Ongoing course in Economics of Innovation
3. Supply Chain Management Intern-General Electric Aerospace-2023
4. Advanced Concept Development Team Intern-general electric aerospace-2023
5. merit-scholarship was awarded during 1st and 2nd year of engineering. (2021-23)
• a merit-scholarship awarded for class 10th board exams-cbse. an article for the same was also published in hindustan times newspaper. percentage obtained was 98.2%(2019)
6. Completed the course on Matlab onramp-2023
7. Class representative for 2021-23
8. Secretary of Vesuvius Club, the Cultural (2021-22)
9. Member at Editorial board at The AIT Times- the quarterly newsletter (2023)

Projects:

1. Performance analysis of Rotor system for a Classical Helicopter-2024(ongoing)
2. Ramjet engines as a source of propulsion-2023
3. Study of Jet Engines-2022

Internships: :

Hindustan Aeronautics Limited-Transport Aircraft Division, Kanpur- worked as Design Intern in the Transport Research and Design Centre on the project- "Stress analysis of fitment of EO/IR pod on transport aircraft"- 15 May,2024- 01 July,2024

STUDENT PROFILES (Aeronautical Engineering 2021-25 Batch)



Name: Jaya Kushwah
Mobile Number: 9560729120
CGPA: 8.83

Achievements:

1. Class Representative (2023-25)
2. Head Class Representative (2024)
3. President of Vesuvius club (2022)
4. Sports captain (2023)
5. NPTEL Certification in Introduction to experiments in flight and Sociology of science
6. NPTEL Ongoing Course in Economics of innovation

Projects:

1. Study of Design and Construction of Multi Rotor Drones
2. Design of a Multi Rotor UAV

Internships:

Stress analysis for fitment of EO/IR Pod on transport aircraft in HAL Kanpur



Name: Shivangi Singh
Mobile Number: 9999223638
CGPA: 6.22

Internships:

1. Completed MATLAB Onramp
2. Vice President of Aerobotics Club (AIT) in year 2023
3. Secretary of Vesuvius club in year 2022
4. Secretary of Aerobotics club (AIT) in year 2022
5. Completed NPTEL course (Sociology of Science)
6. Ongoing NPTEL course (Economic of innovation)

Projects:

1. Study of the aircraft fuel system.
2. Emerging trends in aeronautics.
3. Maintenance program of a transport aircraft.

Internships:

Completed internship at HAL Kanpur on Understanding Maintenance Philosophy of Do 228.

Name: Ajay Raj Singh
Mobile Number: 7042285597
CGPA: 5.17

Achievements:

1. National Archery player
2. NPTEL Certification in Introduction to experiments in flight and Sociology of science
3. NPTEL Ongoing Course in Economics of innovation

Internships :

HAL Summer Internship



Name: Adityavikram Singh Sengar
Mobile Number: 8130145264
CGPA: 7.43

Internships:

NPETL Certificates

Projects:

NTCC

Internships:

HAL TAD Kanpur



STUDENT PROFILES (Aeronautical Engineering 2021-25 Batch)



Name: Gnanvitha Kosaraju
Phone Number: 9116567110
CGPA: 9.19

Achievements:

1. Editorial Board Team Leader for "The AIT Times" - quarterly newsletter (2023-24)
 2. Sports Captain Girls at Institution level (2022)
 3. President of Vesuvius Club (2023-24)
 4. Vice President of Vesuvius Club (2022-23)
 5. Student head of Placement Committee (2024-25)
 6. Hostel Prefect (2023-24)
 7. Silver Medal in Basketball, Sangathan Sports Event (2022)
 8. Team Captain of Basketball Team for Sangathan (2024)
 9. NPTEL Courses
- Elite certificate for Introduction to Experiments in Flight (Percentage Score=84%)-2023
Completion Certificate in Sociology of Science
Ongoing course in Economics of Innovation

Projects:

1. Study of Aircraft Failures- Jun'22-Jul'22
2. Airworthiness Certification – May'23- Jun'23
3. Numerical study of flow and aerodynamic forces generated by a cropped delta flying wing (Ongoing)

Internships :

Hindustan Aeronautics Limited-Transport Aircraft Division, Kanpur- summer Intern in the TARDC on the project- "Stress analysis of fitment of EO/IR pod on transport aircraft"- May'24- July'24



Name: Garima Gangwar
Phone Number: 9193416442
CGPA: 6.05

Achievements:

Certificate of NPTEL courses
(Economics of innovation , sociology of science, introduction to experiments in flight).
Certificate of Circulars activity
(NGO , participation certificates in athletics).
Completed MATLAB onramp certifications.
SAE club member
AEE club secretary
Cultural club coordinator

Projects:

- 1- History Of aircrafts .
- 2- Aerodynamic characteristics of different NACA aerofoils.
- 3-Maintenance program of transport aircraft .

Internships:

Completed internship at HAL Kanpur on
Understanding Maintenance Philosophy of Do 228.

STUDENT PROFILES-M.Tech (EVT) 2023-25 Batch



Name: Priyansh Mathur
Phone Number: 7014569166
CGPA: 8.69

Achievements:

1. Class representative (CR) for the session 2024-25
2. NPTEL Certification: Introduction To Industry 4.0 And Industrial Internet Of Things
3. Udemy Certification: The Complete Course of Altium Designer - PCB Designing
4. Industrial visit in IPL Tech electric Pvt. Ltd and Motherson Techno tools Ltd.
5. Attended FEED 2024 – AEEE's flagship event focusing on energy efficiency and decarbonisation.
6. Attended conference on ICE to EV: Challenges, Opportunities, and Roadmap for Just Transition in India's Automobile Sector organized by iFOREST.

Projects:

1. A review of Solar based wireless charging system for EVs
2. Comprehensive analysis of advanced powertrain of electric vehicles
3. Design and simulation of motor Hall sensors PCB and motor testing

Internships :

1. Summer intern at Tsuyo Manufacturing Pvt. Ltd.
2. Summer intern at NBC bearings during B.Tech



Name: Rajat Choudhary
Mobile Number: 9103187653
CGPA: 9.08

Achievements:

1. Student placement committee Head of Amity Institute of Technology for the session 2024-25
2. Mathworks courses on Simscape Battery Onramp, Simscape Onramp, Simulink Onramp and MATLAB Onramp.
3. ASDC - Basics of Automobile, Steering system, Clutch & transmission.
4. NPTEL Certification: Introduction To Industry 4.0 And Industrial Internet Of Things

Projects:

1. Design, modelling & fabrication of bipolar plates (BPP) for Fuel cells using Additive manufacturing (ongoing)
2. Engineering solutions for Fuel cell Commercialization (Summer Internship)
3. Cycle operated washing machine (Bachelors)
4. Multiple EPC projects under JSCL (Internship)

Internships:

1. Summer Internship at Ditya Smart iSolutions LLP - 2024
2. Mechanical Er. at Jammu Smart city Ltd. project under Ministry of Urban Affairs - 2023
3. Insurance Regulatory and Development Authority Internship Trainee at IRDA - 2021
4. Vocational training at Salal Power station, Jyotipuram (NHPC Ltd) - 2014

STUDENT PROFILES (EVT 2023-25 Batch)

Name: Kavita
Phone Number: 7206312006
CGPA: 8.37



Achievements:
Completed MATLAB onramp
Completed training at Lumax Industries
Member of Placement Committee

Projects:
Lithium Ion Battery Testing
N78 Band(5G)
Battery Modelling and State Estimation

Internships:
Important Parameters for Battery Charging(EVI Tech)
Circuit Designing(Lumax Industries)
Embedded System Design(Hindian Technologies)

Name: Prabhat Kumar
Mobile Number: 6205136635
CGPA: 6.94

Achievements:
Awarded the "Technology Virtual Experience Program" certificate by Deloitte

Projects:
Aluminum Composites for Electric and Hybrid Vehicles

Internships:
Battery Assembly and chassis of 2 and 3-wheeler EV



Name: Sanjay Singh
Mobile Number: 8882239759
CGPA: 8.49

Achievements:
1. As Territory Parts & Service Manager (TPSM) at Hyundai Motor India Ltd: Enhanced After Sales Business Development and Customer Service Experience of a Hyundai Dealer Network.
2. As a Product Group In-charge in Technical Support Team at Hyundai Motor India Ltd: Cost reduction activities, Customer Education Dangers, Product Improvement QIR Processing, All India Technical Parts Centre Operations.
3. As a Regional Warranty Manager at Hyundai Motor India Ltd: Contributed to Launch of Warranty Policy Manual, Streamlining of Warranty & Freight Claim Systems, Warranty Audits of Dealerships (200+ Dealers Audited).
4. Developed Inter-Dealer Free Service Coupon Claim Settlement System for Hyundai Dealer Network.
5. ISO 9001:2015 TUV SUD Certified Internal QMS Auditor
6. Certification on Electric Vehicles from NPTEL / IIT Madras.
7. Certification on Automotive Systems from NPTEL / IIT Madras.
8. Certification on Python for Data Science from NPTEL / IIT Madras.

Projects:
1. Analysis on Optimization of Electric Vehicle Charging Infrastructure.
2. Inter-Dealer Free Service Coupon Claim System for All India Dealer Network of Hyundai.
3. Warranty Parts Return and Freight Claim Systems at Hyundai Motor India Ltd.

Internships :
1. Charging Station Operations and Requirement Analysis at EVI Technologies, Delhi

STUDENTS' ACHIEVEMENTS



AIT students ranked Second Runner-Up in ICAT EV Skill Development Programme in 2022



AIT Students' Team won 1st Prize and Gifts worth 7500 in National Competition "Weaving Synergies - Spot the Innovation" at Auto Expo Components 2018, Organized by SIAM



AIT Students' Team Won Best Innovative Project Award in International Conference on Entrepreneurship, Innovation and Leadership, 2019

AIT RECRUITERS



CORPORATE TESTIMONIAL

AIT is a jewel in the crown of Amity University UP, Noida as the Industry–Academia partnership. In Indian context, it's a new beginning with a global benchmark as per any international academic standards in Aero and Automotive sectors. It is strategic and very intelligent step by Tata Technologies by investing and balancing the skills and demography dividend issue of our country in both short and long term. In my view it's a unique combination, best synergies of both academic & industrial world for students. Wish we had it during our times! Starting from the Amity's world class infrastructure, industry aligned course curriculum to the lab set-ups , real time working cut models to industrial software trainings, industry expert interactions/mentorship to factory visits surpasses them from GET or MT directly to Engineer or Management staff , when they join industry. This is because most of skills needed and the training was already part of their study experience of 4 years. In my language they are not “raw resources” rather “industry ready” resources for companies. Over and above is the fresh prospective & the mind-set which they bring to industry is an asset!

Proud to be part of set-up journey as Member Board of Studies in touch with young turks as Mentor feeding food of thoughts with real case scenarios, projects, latest updates in technology & global industrial trends in their hungry minds.



MR SAURABH MOHAN SAXENA

Founding Director & CEO,
AHODS Technologies India Pvt Ltd.

CORPORATE TESTIMONIAL

Amity University, its world class competency centers and industry led curriculum designed by Tata Technology, with a distinctive record of accomplishments in the field of teaching, training and research, has always been active in establishing collaborative linkage with reputed industries, international academic institutions and Research& Development organizations for reaching the zenith & achieving the excellence.

I am positive that Amity will lay significant emphasis & give insight into integrating sustained quality & excel in the manufacturing process. This in turn will help equip the students be Industry ready to face the techno-economic challenges of the millennium, resulting in a healthier economy. The World class & industry led curriculum & newly introduced Design Lab and Workshop with cross sectioned working models of Engines, Gearbox, Car& SUV etc. will prove to be a brilliant linkage to the textbooks for quick practical learning & another milestone in the achievements of scientific knowledge and trends innovations in the areas of Engineering.



MR RAJIV MALHOTRA

President,
Motherson Techno Tools

CORPORATE TESTIMONIAL

Amity Institute of Technology is one of the finest institutions which adds industry orientation to the students' knowledge. Amity engineers are far clearer in their approach due to practically industrial environment in collaboration with Tata Technologies. Automobile engineers from Amity are in great demand as AIT imparts practical knowledge along with the degree. Amity faculty of intellectuals with industry academia exposure is the best combination for any Institute. Amity young engineers have the best placement opportunities as the institute produce future ready engineers for a nice take off. My best wishes to AIT!!



MR SUNIL BHATNAGAR

CXO, Lithium Project, IPL Tech Electric P Ltd,
Murugappa Group Company

ALUMNI SPEAK



I am very much thankful to my institute, A place where I gained knowledge, best needed for the survival in outer world and confidence. My Institute provided me with an opportunity to be a part of such a unique Industry academia partnership between Amity University & Tata Technologies. Right from day 1 energy and enthusiasm is what I experienced, be it faculty or students.

Pratyush Singh, B.Tech (Automobile), 2016-2020
Engineer, Hyundai Motor India Limited (HMIL)



Amity Institute of Technology is one the finest passage for all Automotive enthusiasts to turn their dreams into reality and entering the professional Automotive Industry with class-leading technologies and super-advanced labs for all the practical knowledge you can gain in the field. Collaboration with Tata Technologies has made the boat sail smoother than ever as the best possible instructors from the industry have been guiding us and providing us with all the real-world experience they have gained in their service to the field. Due to all this only, I have been able to join the industry I have always dreamt of serving.

Mayank Bhatia, B.Tech (Automobile), 2016-2020
Graduate Engineer Trainee, Tata Technologies Ltd.



I am very grateful that I got opportunity to learn at Amity Institute of Technology, it improved me as a person and as a student to a great extent, the industry exposure that one get here is very helpful in future prospects. It's really a place where you get lot of opportunities in every domain. The teachers and every faculty member here is so experienced in their respective fields that I felt privileged to be a graduate from here. The support I got throughout was so great .

Shashank Kumar, B. Tech. (Aeronautical Engineering) 2016-20,
M.Tech Aerospace IISc Bangalore 2021

ALUMNI SPEAK



The Symbiotic relationship of Amity university With Tata Technologies made all the difference. It is the best Industry-led program across the country with Teachers having a humongous experience in their fields. I am very grateful to my institute for providing an opportunity of my choice in one of the leading organizations in the country.

Shantanu Bakshi, B.Tech (Automobile), 2016-2020
Engineer, Tata Technologies Ltd



My institute, Amity Institute of Technology is in collaboration with Tata Technologies Ltd. And this was the opportunity that I grabbed and entered Tata Technologies Ltd. as an Automobile Engineer which fulfilled my dream. I am very much thankful to my institute for providing me with a platform to showcase my talent and supporting recruitment.

Ishaan Jha, B.Tech (Automobile), 2016-2020
Engineer, Tata Technologies Ltd



I am extremely grateful to Amity Institute of Technology for creating a vibrant ambience for learning, exploring and for molding us from amateur individuals to young professionals, ready to take-on the challenges in our industry with confidence. Enriched with the golden experience and expertise of the faculty and subject matter experts from Tata technologies and Hindustan Aeronautics Limited, it is truly a beautiful amalgamation of the industry and academia. Glad to be a part of this wonderful synergy, imbued with optimism and passion for teaching, skilling and preparing industry-ready engineers.

Parush Bumrah, B.Tech (Aeronautical), 2017-2021
Master of Aerospace Engineering, Concordia University

ALUMNI SPEAK



My sincere gratitude and appreciation go to Amity Institute of Technology in collaboration with Tata Technologies Ltd. for giving me this platform to perform better in life. The unique combination with the best synergies of the academic and industrial world fosters Industry ready students for facing larger techno-economic challenges. The extremely knowledgeable and Industry-focused faculty & experts enriched my vision and overall experience as a student

Vishwa Modha, B.Tech (Automobile), 2017-21
Graduate Engineer Trainee, Tata Technologies Ltd.



The curriculum has been designed to have more laboratory courses rather than having series of lectures where I developed my skills through the state of the art equipment and tools provided by Tata Technologies. So, that's the reason I have secured AIR 461 in GATE examination.

Ankit Singh, B.Tech (Automobile), 2017-2021
M.Tech (Smart manufacturing), IIT Madras



Amity Institute of Technology, AUUP in collaboration with Tata Technologies, has been empowering students with skills and competencies. They have molded many young individuals into industry ready engineers complying with Industry 4.0. Presence of highly educated and professional faculties along with robust infrastructure and facilities have always been a constant source of motivation for all. Amity Institute of Technology has made an invaluable contribution in my success story and many more!

Amrit Ahuja, B.Tech (Automobile), 2017-2021
Design Engineer, Congruex Asia Pacific LLP

ALUMNI SPEAK



The moment I stepped onto the campus; I knew I had made the right choice in pursuing my engineering education at Amity. The faculty at AIT is undoubtedly one of the greatest assets of the institution. The professors are not only highly knowledgeable in their respective fields but also genuinely passionate about teaching and guiding students. I am proud to be a part of the Amity family and would highly recommend AIT to any aspiring engineering student seeking a comprehensive and enriching educational experience.

Gyanvi Bhardwaj, B.Tech (Automobile), 2019-23

Executive Trainee, Honda Motorcycles & Scooter India Pvt Ltd.



I am grateful for the opportunities offered by Amity University, Noida (AIT) to enhance my knowledge. As I recently got Graduated with a degree in Aeronautical Engineering, the complete program structure, environment, and industry-relevant exposure make this institution a dream college for every student who aspires to be successful in their career.

Prince Kumar Chauhan , B.Tech (Aeronautical), 2019-2023

Associate Engineer(Component), United Airlines



I have recently graduated from Amity University with a degree in Automobile Engineering. Through-out my academic journey, I was fortunate to have incredibly supportive and understanding teachers who played a vital role in my success. One aspect that greatly contributed to my practical knowledge was the collaboration between the university and Tata Technologies. Through this partnership, I had access to benchmarking labs, where I gained hands-on experience in the field. Proud to be a part of Amity.

Venkatesh Trivedi, B.Tech (Automobile), 2019-2023

GET Service , Suzuki Motorcycle India Limited

ALUMNI SPEAK



As an alumni of AIT Amity University Noida, I am thrilled to share my journey since graduating with a degree in Aeronautical Engineering at AIT. I, Payal Kadam, currently working at Nittocorp Co. Ltd in Japan, a prominent company in the aeronautical and automobile sector.

Joining Nittocorp has been a dream come true. Working in Japan, a global hub for technology and innovation is exhilarating. Moreover, being part of a company at the forefront of technological advancements is inspiring and rewarding. The compensation package at Nittocorp is highly competitive, among other benefits.

I owe a debt of gratitude to AIT Amity University Noida for laying the foundation of my career and providing me with the opportunities to pursue my passions in aeronautical engineering. The support and mentorship I received from all the faculty members of AIT and my peers have been instrumental in shaping my journey thus far.

To current students of AIT Amity University Noida, I encourage you to seize every opportunity that comes your way and pursue your passions wholeheartedly.

In conclusion, I am immensely proud to be alumni of AIT Amity University Noida. I am grateful for the foundation it provided me to embark on a successful career in the aeronautical industry. I look forward to seeing future generations of students thrive and excel in their respective fields.

Kadam Payal Kailas, B.Tech (Aeronautical), 2020-24
Aeronautical Engineer, Nittocorp Co. Ltd, Japan.

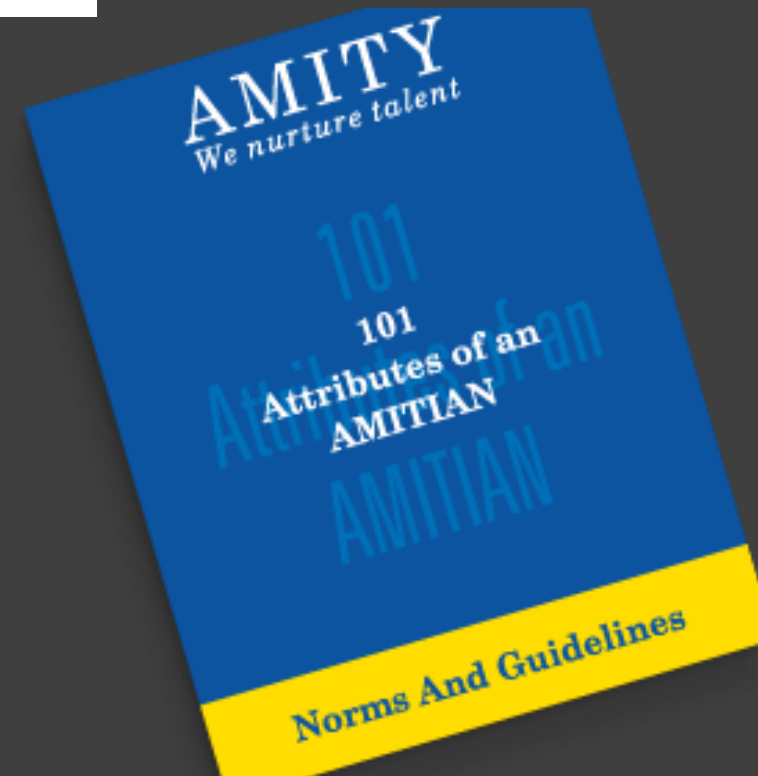


The Amity Institute of Technology bestowed upon me an exceptional platform to acquire knowledge and foster personal growth. I owe my success to the unwavering support and guidance of the faculty, who instilled in me the confidence to learn from my mistakes and develop a professional approach towards my goals. My experience studying here has been nothing short of enlightening and enjoyable, and I feel fortunate to have been a part of such a thriving environment. I express my heartfelt gratitude to Amity for providing me with numerous opportunities to excel.

Javin Raghuvanshi, B. Tech (Automobile Engineering), 2020-2024.
Graduate Engineering Trainee, Kurakawa Co. Ltd., Japan.

THE AMITY EXPERIENCE

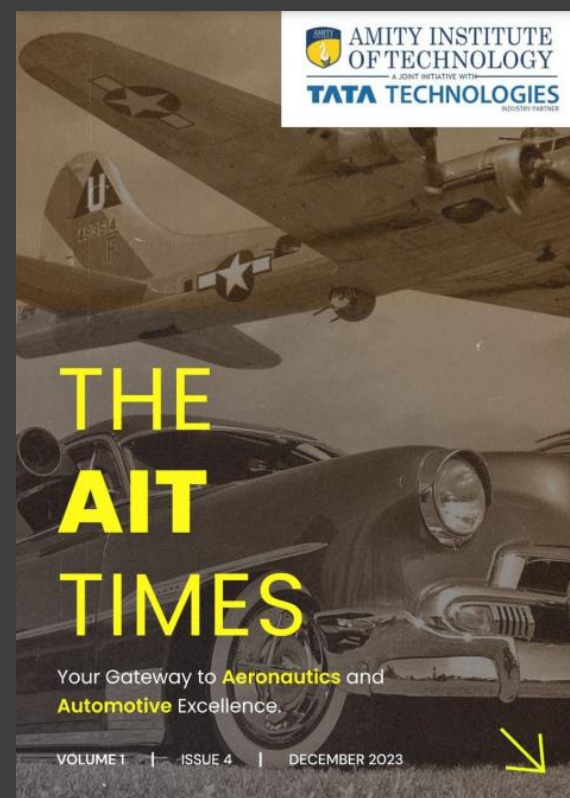
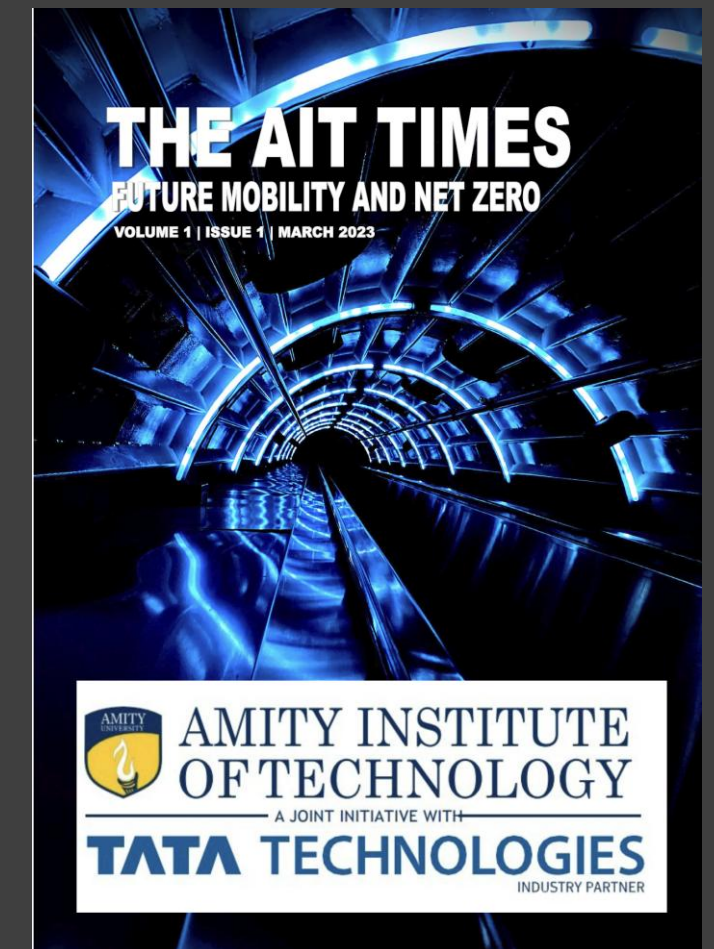
The **101 attributes of Amitians** aims to take the students closer to completeness.



Ours is an institution where **modernity blends with tradition** as the beginning of every event is earmarked by a havan



Amity students have more **corporate interaction** than any other industrial institution, making it a consistently **top-ranked university**.



Amity organizes a **Military Training Company** in Manesar for its students every semester to imbibe the value of discipline and a spirit of patriotism, commitment and perseverance by participating in a variety of activities that test their mental and physical; agility.



LIFE @ AMITY INSTITUTE OF TECHNOLOGY

TECHNICAL CLUB : PISTON CRAFT



CULTURAL CLUB: VESUVIUS

SOCIETY OF AUTOMOTIVE ENGINEERS (SAE)



ASSOCIATION OF ENERGY ENGINEERS (AEE)

STUDY ABROAD PROGRAMME (SAP)

Study Abroad Programme (SAP) is important for global exposure to students of various disciplines. SAP programme has been re-engineered to give an experiential learning platform to the students of Amity on a global scale. The students will get hands-on experience of gaining knowledge of foreign culture, industry and economic dynamics. It will provide the students with an opportunity to interact with foreign faculty and carry out focused projects under their expert guidance.

The SAP provides the opportunity to a student to study at the following campuses/ universities:

- London, Dubai, Singapore, Mauritius and Australia.

The advantages of pursuing SAP are:

- Special modulus delivered by the industry experts and leading foreign faculty.
- Industry visits.
- Extensive project reports.
- Familiarize with the industry dynamics and trends on a global scale.



CLUBS AT AMITY INSTITUTE OF TECHNOLOGY

AIT has four active student clubs for cultural and technical events:



Piston Craft, The Technical Club of AIT



“Where culture comes alive”

Vesuvius, The Cultural Club of AIT



“Soaring Through Skies Together”

Aerobotics Club



AIT, SAE Student Chapter
AEE- Association of Energy Engineers

GLIMPSES OF PISTON CRAFT



GLIMPSES OF VESUVIUS





ABOUT



Amity Institute of Technology

2016

Amity Institute of Technology
was established

Amity University has joined hands with Tata Technologies Ltd. and established AIT to bridge the Gap between Academia and Industry and to create a talent pool of Industry Ready Engineers. Another important aspect of this engagement is to promote Innovation and Incubation by leveraging Industry Innovation ecosystem for Entrepreneurship and Start-ups; wherein the training is provided by leading experts from the industry to produce Industry ready engineers. In this approach, we have recognized the industry-academia gap and restructured our curriculum by adopting the next generation of technologies and tools to train our students to bridge this gap.

The AIT was established in the year 2016 with a vision to become a globally recognized Institute for imparting outstanding education leading to well qualified and industry ready engineers, who are innovative, entrepreneurial and successful in advanced fields of Automobile Engineering, Aeronautical Engineering, Industrial Heavy Machinery Engineering and Electric Vehicles to cater the ever changing industrial and social needs. The institution aims to nurture students in terms of modern techniques and to prepare them, to cope well with the technical advancements in future. The Amity Institute of Technology, a joint initiative with TATA Technologies being the flagship institution of the Amity University takes focus in scientific research, scientific programming, and technology development.

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