AMITY INSTITUTE OF TECHNOLOGY
A JOINT INITIATIVE WITH
TATA TECHNOLOGIES
INDUSTRY PARTNER

AMITY INSTITUTE OF TECHNOLOGY

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https://www.amity.edu/ait/

AMITY UNIVERSITY

PLACEMENT BROCHURE

2025-26

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.

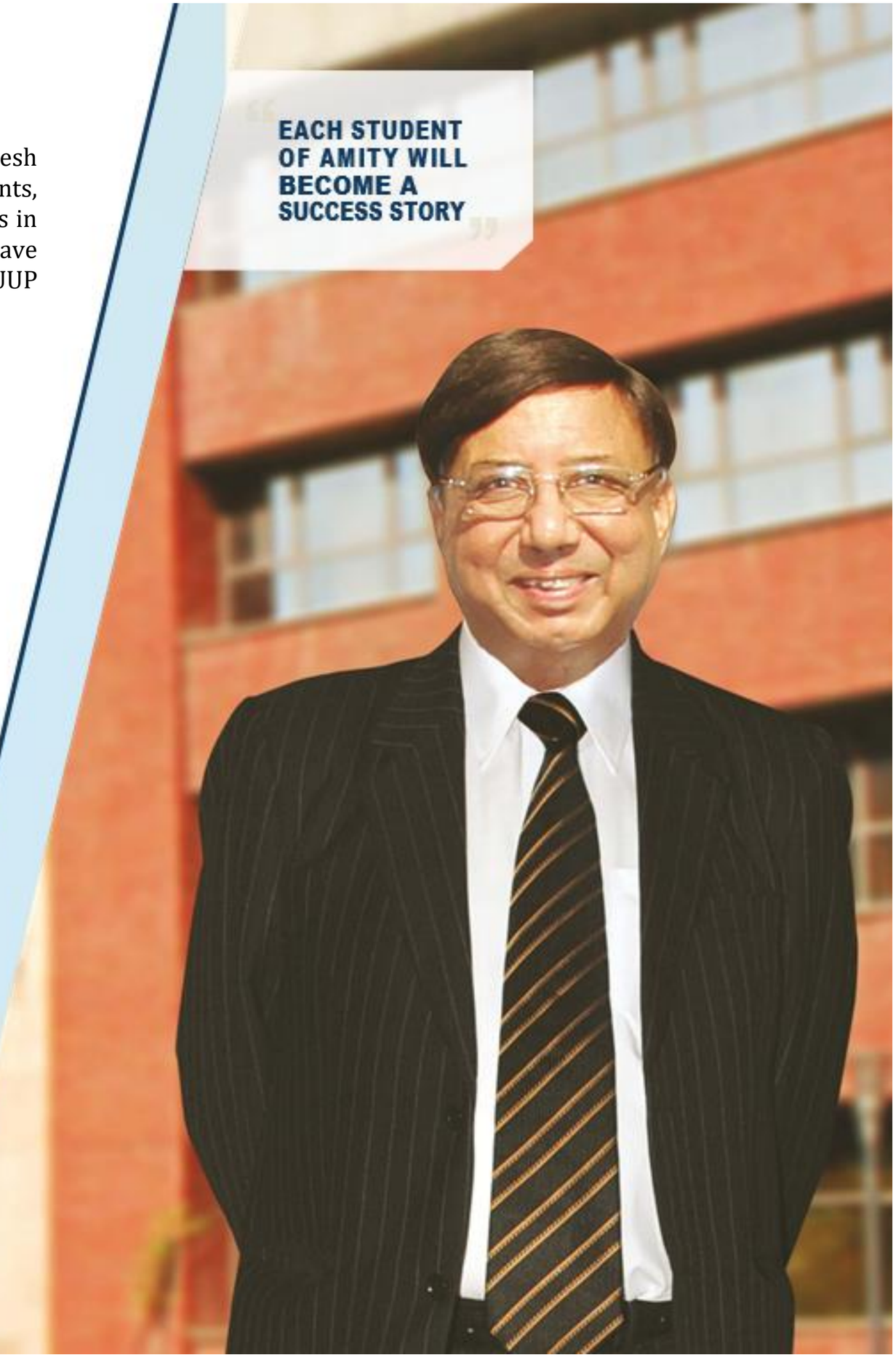
Recognizing the need of the hour to train future-ready engineers, Amity University and Tata Technologies have come together and established Amity Institute of Technology (AIT), to provide industry oriented, innovation led simulated competency centers; wherein the experiential learning is imparted by 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



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
12 Global Campuses
26 Schools & Preschools

Campuses spread across **1,200** acres

1500 Patents filed by faculty

25000 Papers written by faculty

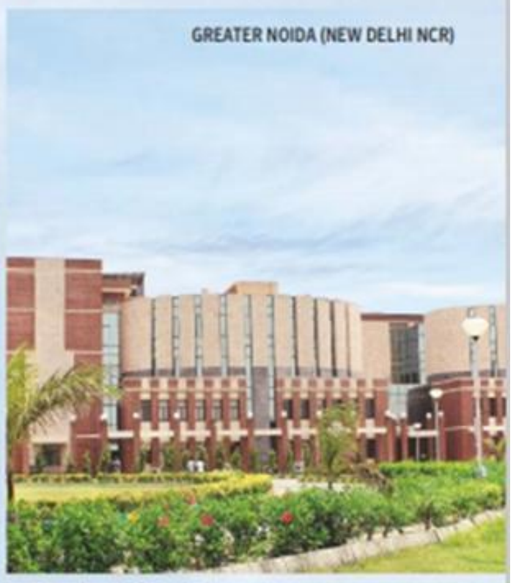
150 Global Universities as Research Partners

30000 Scholarships awarded

200000 Alumni worldwide

UNIVERSITY CAMPUSES IN 9 INDIAN STATES


NOIDA (NEW DELHI NCR)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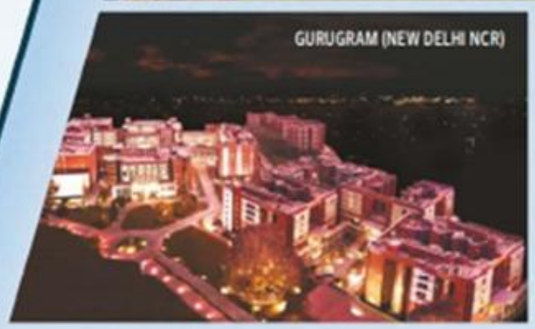
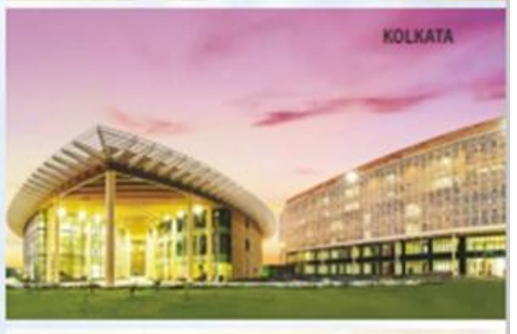

GURUGRAM (NEW DELHI NCR)


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 2024

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)
- Bachelor of Technology (Automobile Engineering) for working professionals

ELIGIBILITY CRITERIA

B. Tech.

All students successfully completed Class XII from recognized national and international boards can apply. You can apply with any percentage in Class XII, as admission is based not only on marks but a holistic view of the candidate. 80% was the average aggregate % in Class XII th of admitted students in this program last year. Programme in collaboration with TATA Technologies

Subject Requirements:

English + Physics + Mathematics + Chemistry

Selection Process:

Application Review
Personal Interview

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	
			Self-Reliance and Socialisation	Working in Teams for Professional Excellence	Foreign Business Language	Law for Engineers	
				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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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 Anubhav Maheshwari

Design Engineer
TATA Technologies Ltd

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

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

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

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.

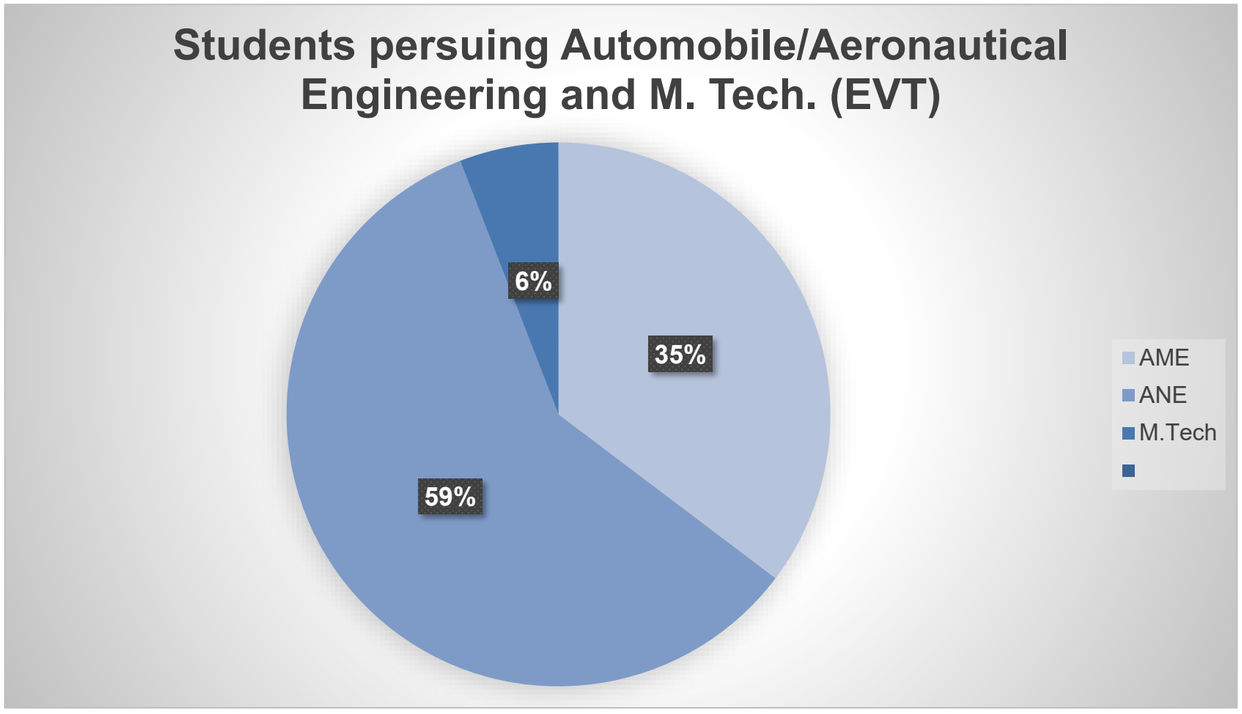
Mr. Suresh Perinjery,
Partner Technical Manager
PTC India

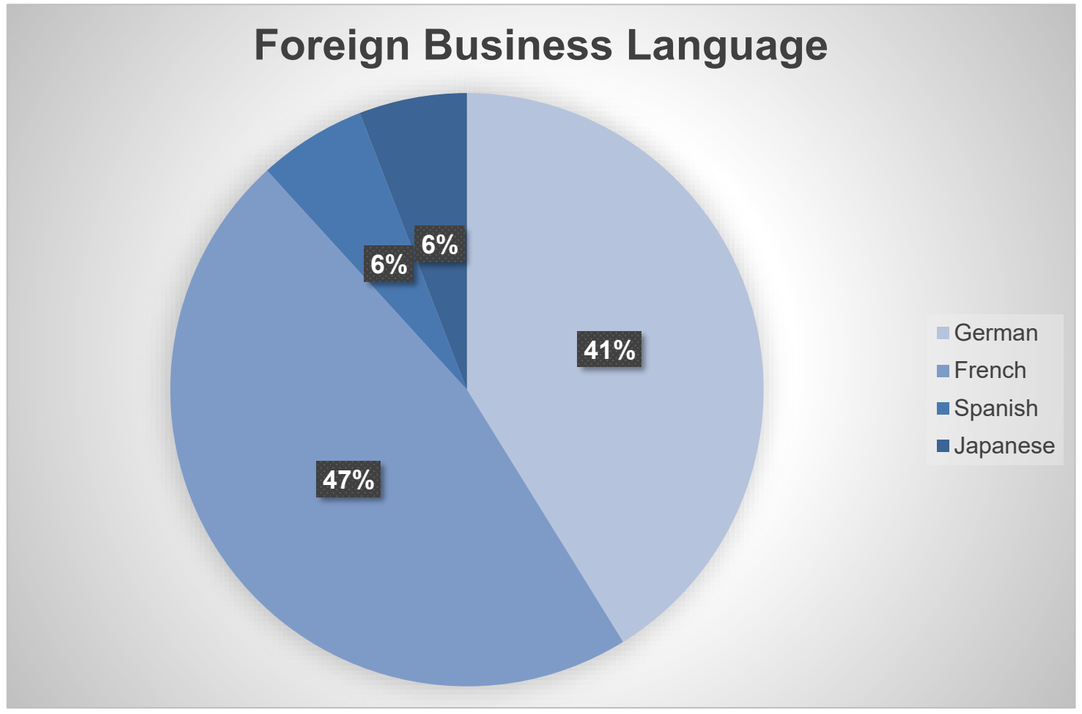
Mr. S. Sunil Kumar
Dy. Head Application and Training,
Janatics Pvt Ltd

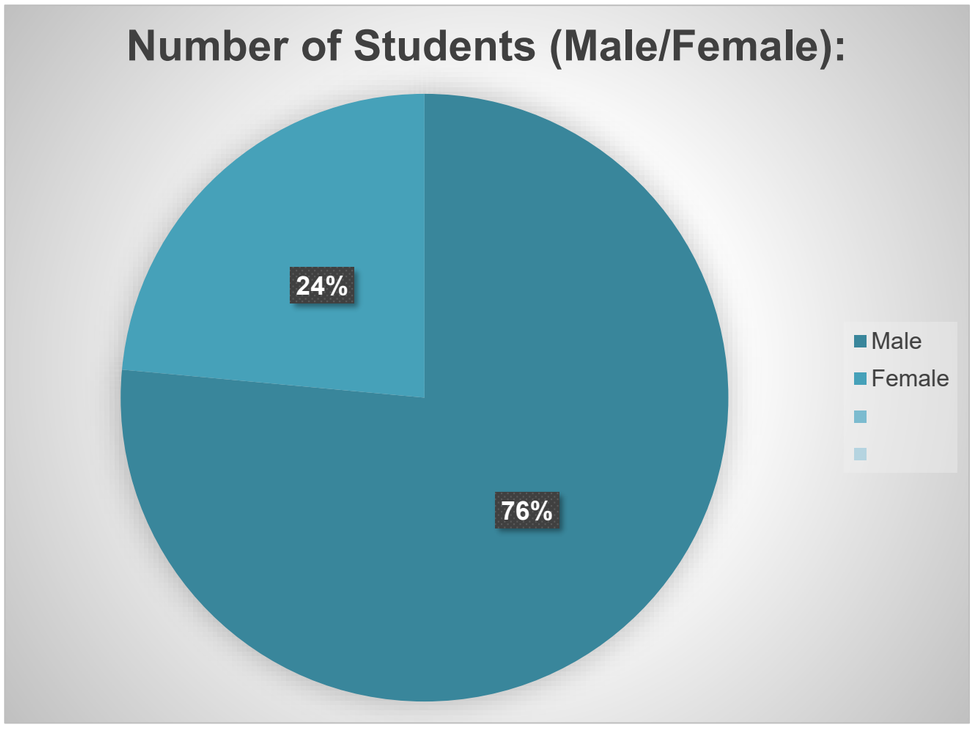
Mr. Prabal Bose
Area Sales Manager,
ABB India Ltd.

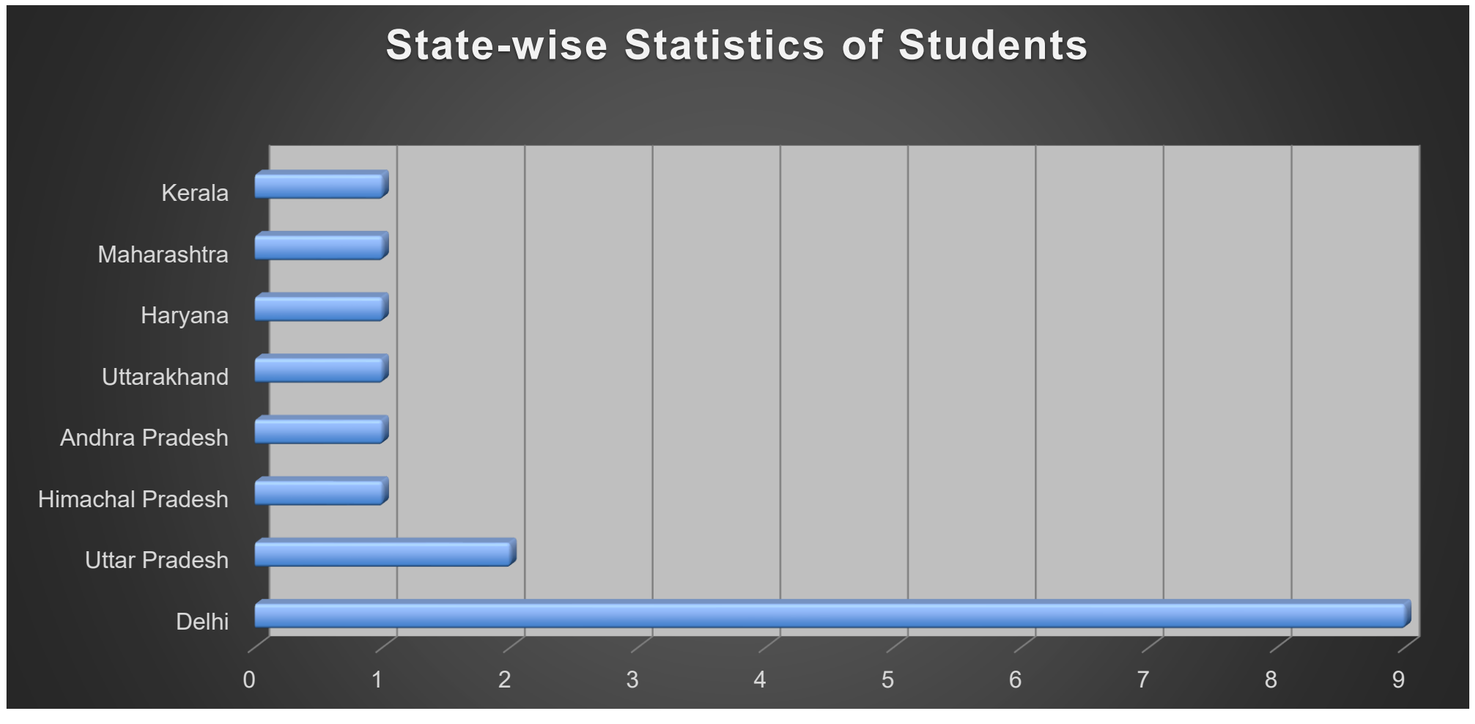
And many more……

STUDENT STATISTICS @ AIT









STUDENT PROFILES (Automobile Engineering, 2022-26 Batch)

Name: Shantanu Rusia

Mobile Number: +91 9816613081

CGPA: 8.43 | Foreign Business Language - German

Achievements:

1. NPTEL courses:
   - Elite Certificate for Manufacturing Automation – IIT Kanpur (2024)
   - Elite Certificate for Technical Communication for Engineers – IIT Roorkee (2024)
2. Secretary of SAE Chapter Amity
3. Secretary of Piston Craft Club
4. Organised and managed different event at university.
5. Member of Placement committee (2024-2025).
6. Completed technical studies on various automobile systems:
   - Steering systems, braking systems (including ABS & ESP), suspension systems (McPherson, etc.)
   - Battery Management System (BMS), regenerative braking, CVT, TPMS, BCM, and more.
7. Class Representative for 2024-25
8. NGO work | YSS Foundation: successfully volunteered 80+ hours.

Projects:

1. Damaged Part receiving & its analysis in Supply Chain Management at HCIL. (2025)
2. Homologation Process in Automobile Industry. (2025)
3. AI and its Use Cases in Automobile Industry. (2024)
4. AI & IOT Enabled Smart Manufacturing of Automobile Components. (2023)
5. Human Value and Community Outreach (2024-2025)

Internship:

1. **Honda Cars India Limited -** Tapukara, Rajasthan – Worked as a Project Intern in Mass Production Delivery – Quality Division

STUDENT PROFILES (Automobile Engineering, 2022-26 Batch)

Name: Sanjit Mathur

Mobile Number: +91 8368601426

CGPA: 8.49 | Foreign Business Language - German

Achievements:

1. NPTEL course: Elite Certificate for Manufacturing Automation – IIT Kanpur (2024)
2. Creative Head of SAE Chapter Amity
3. Technical Advisor and Creative Head of Piston Craft Club, Aerobotics Club of AIT
4. Organised and managed different competitions and events in the university.
5. Head of Placement committee (2025-2026).
6. Completed technical studies on various automobile systems: Powertrain System, Chassis Engineering, suspension and steering systems, Battery Management System (BMS), regenerative braking, various types of transmissions, auto electrical systems.
7. Class Representative for 2023-24
8. Sports Captain - AIT
9. Organised the AeroMaster Quiz
10. Organised Future Mobility Design Competition
11. Editor in chief – Institute Magazine “The AIT Times”

NGO work | YSS Foundation: successfully volunteered 80+ hours.

Projects:

1. Inventory Management of tools at HCIL. (2025)
2. AI and its Use Cases in Automobile Industry. (2024)
3. AI & IOT Enabled Smart Manufacturing of Automobile Components. (2023)
4. Human Value and Community Outreach (2024-2025)

Internship:

1. **Honda Cars India Limited -** Tapukara, Rajasthan – Worked as a Project Intern Tools & Maintenance – Tool Engineering Division

STUDENT PROFILES (Automobile Engineering, 2022-26 Batch)

Name: Aaryan Agarwal
Mobile Number: 9354677311
CGPA: 6.7 | Foreign Business Language - Spanish

Achievements:
1. NPTEL course: Manufacturing Automation (completed)
2. Sports: Chess inter-college, Dehradun
Badminton (participation), Skating inter-state (silver)
3. Amity Hindi debate (2nd position)

Projects:
- Automatic pneumatic hammer (semester project 2021)
- Old motorcycle restoration
- Study of ADAS in automobile
- Study of TRI - fuel vehicles

Internships:
- Armaan Machineries

Mar 2022 - Apr 2022
Greater Noida, Uttar Pradesh
Used to help in visiting other manufacturing companies for CNC parts and receiving bulk orders for our workplace.
Also performed printing, sticking, and packaging work in the industry it-self. Restored an old motorcycle, including the carburettor, and different smaller parts.

- Amity university

In-house internship by Amity University
Aug 2021 - Oct 2021 Greater Noida, Uttar Pradesh
It was a theoretically based in-house internship offered by amity university during the 5th semester.
Duration: 8 weeks
Research work was the main goal on the topic: future of IC engines, hybrid, and

STUDENT PROFILES (Aeronautical Engineering, 2022-26 Batch)

Name: Shreya Sharma
CGPA : 8
Mobile Number : 8090910417
Foreign Business Language - French

Achievements:

1) Class Representative for 2022- 23
2) Creative Head of Aerobotics Club
3) Sports Captain of Amity Institute of Technology

Internship:

1)DEAL, DRDO. Topic: "Aerodynamic characteristics of a 2D propulsive wing "Softwares used: Ansys Fluent and Seimen NX Duration: 1.5 months (2025)

2. Topgun Fitness Work: Solid Modeling of company products for future manufacturing on ansys fluent and inventory management.Duration : 1 month (2023)

Name: Ananya Sadera
Mobile Number: 7838874435
CGPA: 9.17 | Foreign Business Language - German

Achievements:-
1) NPTEL courses:
Elite certificate for Introduction to Experiments in Flight-IIT Kanpur (Percentage score-88%)
2024Silver certificate for Technical Communication for Engineers-IIT Roorkee (Percentage score-83%)
2) Secured 1st position in the prestigious Inter-College Entrepreneurship Competition-AMITANK 2023
3)Successfully advanced to the zonal level of the 'Speak for India' (International) Competition after clearing the preliminary round.
4) German language proficiency: B1 level (certified)- Goethe Institute
5) Held the position of Class Representative for the academic year 2024-25, followed by Head Class Representative for 2025-26.
6) Successfully engaged as a participant in the Amity International Business School Model United Nations (MUN) 2023, demonstrating strong diplomatic and negotiation skills
7) Coordinator of Aerobotics club (2022-25)
8) Joint secretary of Piston Craft club (2022-25)
9) Crowned Miss Fresher (Department Freshers) and Miss Charming (University Freshers) at AUUP 2023.
10) Member of placement committee

Projects:-
1) To study about the Hydraulic System of an AVRO Aircraft-2025
2) Thrust Vector Control of Fighter Aircraft-2024
3) Boeing 747- The Queen of the Skies-2024
4) To study about Subsonic and Supersonic Wind Tunnels-2023
5) Human Values and Community Outreach - (2024-2025)

Internships:-
1) Hindustan Aeronautics Limited- Transport Aircraft Division, Kanpur- worked as a maintenance intern in the transport aircraft division on the project- “To study Hydraulic System of an AVRO Aircraft” - 11 May’25 - 17 June’25
2) Indian Air Force- Base Repair Depot, Palam, New Delhi- worked as an intern in the Base Repair Depot- May’22- July’22

STUDENT PROFILES (Aeronautical Engineering, 2022-26 Batch)

Name- Akshara Bhardwaj
Mobile No. : 8368508109
CGPA- 8.15
Foreign Business Language - French

Achievement:

1)NPTL courses
-Introduction to Experiments in Flight (percentage-56%)- 2024
-Technical communication for engineers (percentage - 66%)
2) Treasurer of Vesuvius club (2023-24) , 3)Secretary of Vesuvius club , the cultural (2024).
4) Participated in Aero master quiz (2024) 5) Human Values and Community Outreach

Projects:

1.To study about hydraulic system of AVRO Aurcraft.
2.Thrust Vector Control of a Fighter Aircraft.
3.To study about subsonic and supersonic wind tunnels.

Internship:

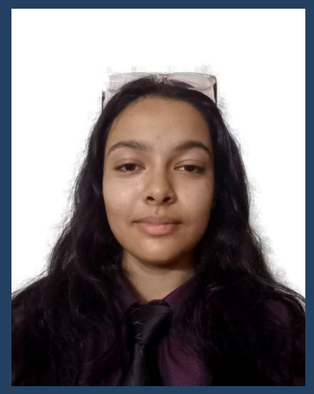
Hindustan Aeronautics Limited(Transport Division)- Worked as maintenance intern in the transport aircraft maintenance department on the project- " To study the hydraulic system of AVRO Aircraft."

Name: Aaryan Bansal
Mobile: 9310070464
CGPA: 9.5 | Foreign Business Language - French

Achievements:
1) 100% on admission merit scholarship in 2022-23
2) 100% Merit scholarship in 2023-24,2024-25,2025-26
3) Topper of Semester I to VI of B. Tech (Aeronautical Engineering) with CGPA 9.5
4) Completed a certificate course "Technical Communications for Engineers" from IIT Roorkee, NPTEL in 2024
5) Completed a certificate course "Introduction to Experiments and Flight" from IIT, Kanpur, NPTEL in 2023
6) Vice President Aerobotics Club of Institute 2024-25
7) Joint Coordinator Piston Craft Club of Institute
8) Assistant Editor, Editorial board at The AIT Times
9) Member of Vesuvius club
10) Member of SAE club
11) Attended a seminar on "Demystifying Drone Technology" by Integrated Drone Training Academy

Projects:
1) A 4-week summer project on "India's Current and Future space Programe" in 2023
2) A 7-week summer project on "Thrust vector Control of fighter Aircraft" in 2024
Internship:
Completed internship with Air India Engineering Services Ltd, Terminal 2 IGIA, Delhi on a project Maintenance of Turbofan Engine – CFM 56 from May 19th, 2025, to July 4, 2025, with 96% score.

STUDENT PROFILES (Aeronautical Engineering, 2022-26 Batch)



Name: Anoushka Verma
Phone Number: 9667699668
CGPA: 8.38 |
Foreign Business Language – German

Achievements:
1.President of Vesuvius Cultural Club
2.Coordinator of Piston Craft Club
3.Coordinator of Aerobotics Club
4.Promotional Head of SAE India AIT Chapter
5.Participated in SAE Aerothon 2023 and 2024
6.Sports Captain
7.Participated in Sangathan - Volleyball - (2022, 2023)
8.NPTEL course on “Introduction to Experiments in Flight, IIT Kanpur”
9.Volunteered at “YSS foundation”
10.Participated in Etheral MUN, 2024

Projects:
•Gas Turbines in Aviation and Its Ground Applications
•Design and Analysis of Aircraft and Aerospace Structures Fabricated by Additive Manufacturing
•Additive manufacturing of bimetallic alloys and its post-processing for aerospace applications (CMTI, Bangalore)

Publication :
1. Kumar, S., Verma, A., & Mussada, E. K. (Accepted for publication). Topology Optimization of Additively Manufactured Thrust Reverser Blocker Door Hinge Bracket. Recent Advances in Mechanical Engineering: Select Proceedings of FLAME 2024. SpringerLink. https://link.springer.com/book/9789819674794

Name: Sukrit Kumar
Mobile Number: 9911273395
CGPA: 8.31 (6th Sem) | Foreign Business Language - French

Achievements
1. President at Piston Craft Club
2. Vice president at SAE India AIT Chapter
3. Secretary at Aerobotics club
4. Best presentation Award in International conference on Advanced materials for sustainable future (ICAMSF-2025) held at Chitkara university
5. Participated in SAE Aerothon 2023 and 2024
6. Participated in Bharat Cycle Design Challenge, 2023 as Leader and Head of design for Multi utility cargo cycle
7. Participated in Shooting Pistol Category, Sangathan 2024
8. Certificate for Basics of automotive
9. NPTEL course on “Introduction to Experiments in Flight, IIT Kanpur”
10. Volunteered at “YSS foundation” as Group leader
11. Appointed as prefect during 2018-19 session, in the student council.
12. Participated in Etheral MUN, 2024
13. Specialisation Electives for Hons. In Electric Vehicles

Projects:
•Cost effective sustainable home automation and redundant multipurpose storage server (personal)
•Characteristics of STOL and VTOL Aircrafts
•Design and Analysis of Aircraft and Aerospace Structures Fabricated by Additive Manufacturing
•Additive manufacturing of bimetallic alloys and its post-processing for aerospace applications (CMTI, Bangalore)

Publications
•Kumar, S., Verma, A., & Mussada, E. K. (Accepted for publication). Topology Optimization of Additively Manufactured Thrust Reverser Blocker Door Hinge Bracket. Recent Advances in Mechanical Engineering: Select Proceedings of FLAME 2024. SpringerLink. https://link.springer.com/book/9789819674794
•Mussada, E. K., Kumar, S., & Mamilla, R. S. (Submitted). CFD Analysis of Material Removal Distribution During Two Way Abrasive Flow Finishing of Additively Manufactured 17-4PH steel Components. International Journal of Applied Ceramic Technology. (Under review)

STUDENT PROFILES (Aeronautical Engineering, 2022-26 Batch)

Name: Vedant Vijay Ghanwat
Phone Number: 8920010285
CGPA: 9 | Foreign Business Language - German

Key Projects:
1) Aircraft Design Project: Rectangular Wing Design Using Python
2) Exploratory Data Analysis and Visualization for various Datasets present on Keggle
3) Literature Review on Topics: Gas Turbine Engines, Wing Morphing, Pseudo Satellites, Ionic Thrusters
4) Made a hand launched Aircaft model with Depron sheets.

Leadership & Co-curricular Achievements:
1)President, Aerobotics Club (1 year): Successfully organized and executed "Quad Mania," a national-level drone competition as part of the annual fest, securing sponsorships. Organized various competitions. Coordinated multiple industrial visits to relevant aerospace facilities.
2) Member of Editorial Team AIT, wrote technical articles for AIT Times.
3) Successfully hosted institution's Farewell'25 for seniors.

Competition Participation:
1) Reached the Final Round of the Prayagraj Mahakumbh 2025 Hackathon.
2) Reached the 2nd Round of the AeroGCS Global Competition.

Technical Skills & Certifications:
1) PDRL Certified Drone Expert.
2) Completed 6 FAA Courses on Aviation Safety.
3) Completed workshops/courses in Python Programming, Data Analytics **,Drone Technology (from IIT Delhi)**, and **AI/ML (from IIT Delhi)**, .
4) Proficiency in CAD software: PTC Creo, CATIA, Autodesk Inventor. (learning: Ansys Structural and Ansys Fluent)
5) Programing Languages: Python, MATLAB and C++.
6) Strong theoretical understanding of Assembly Line Analysis, Cell Manufacturing, Line Balancing, Workflow Optimization and G-code and M-code
7) Actively pursuing knowledge in Six Sigma and Total Quality Management (TQM).
Soft Skills:
Leadership & Team Management | Project & Event Coordination skills | Strong Analytical Problem-Solving | Critical Thinking | Effective Communication (Verbal & Written) | Adaptability & Continuous Learning | Ability for Interdisciplinary Collaboration.

Name: A Sai Viswakesh
Mobile Number: 9390007218
CGPA: 7.4
Foreign Business Language - French
Achievements:
1. Head and creative corner of Editorial board at The AIT Times- the quarterly newsletter (2023)
2. Completed ISIEINDIA industry skill based programs and awarded certification
3. Sports person of badminton, cricket, long jump and others
4. Completed the course of Matlab and computer aided designing
5. Completed the course of Autocad designing tool
6. NPTEL courses • Introduction to Experiments in Flight- IIT Kanpur (percentage score=55%)2024

Projects:
Automotive skill development council
• Completion certificate of Advanced electrical (2023/August)
• Completion certificate of Basics of electricity(2023/july)
• Completion certificate of Measuring tool(2023/july)
• Completion certificate of Basics of Automobile(2023/August)
1) Unmanned aerial vehicles and drones. 2025(ongoing) 2) Study of LCA Tejas jet and UAV's (2024)

Internships:
• Hindustan Aeronautics Limited- (Aircraft Research and Design Centre), Bengaluru - worked as Design Intern and Adaptive to work environment of (34) Departments. Training at HAL ARDC, Design Complex, Bengaluru from 14-05-2025 to 27-06-2025
• Industrial training at Plasmid from April 1st 2025, to June 1st 2025 and I got awarded for my project submission .

STUDENT PROFILES (Aeronautical Engineering, 2022-26 Batch)

Name: Arshaan Ahmed
Mobile Number: 9354677311
CGPA: 6.7 | Foreign Business Language - German

Achievements:

1. Completed CREO Modeling for Beginners course, gaining foundational 3D CAD part and assembly modeling skills (2024).
2. Completed Python Basics for Beginners course, covering syntax, data types, loops, and functions (2024)..
3. Won first place in a poster-making competition, showcasing creativity and visual design skills (2024).
4. Participated in a Responsible Driving Quiz and Simulation event, promoting road safety awareness (2023).
5. Performed in the “Sing Your Moment” Cultural Club event, demonstrating active extracurricular engagement (2023).
6. Attended a seminar on Demystifying Drone Technology, learning about drone mechanisms and applications (2022).
7. Earned NPTEL Elite certificate in ‘Introduction to Experiment on Flights’ with a score of 72% (2024).
8. Participated in virtual experience programs and hands-on workshops on manufacturing processes and CAD/CAM tools.
9. Vice president of vesuvius club the cultural club 2024-2025

Projects:

Researched different types of UAVs and analyzed their future scope in civilian and defense applications.
Studied various communication and navigation systems used in modern aircraft, focusing on functionality and integration.
Currently working on a fixed-wing UAV project powered by solar panels, aimed at achieving long-range endurance

Internships:

Worked as Maintenance Intern in the Transport Aircraft division (rotables) Centre of HAL- TAD Kanpur on the Project- “to study overhaul process of propeller of Dornier DO-228 and Avro aircraft”- 15th May 2025- 16th June 2025

Name: Yatharth Sagar
Mobile no: 8527917364
Cgpa: 7.4 | Foreign Business Language - German

Achievements:

1) Done courses in British council
2) Done drone workshop in IIT Delhi
3) Nptel courses
4)Attended workshop in DMRC

Projects:

Participated in aerothon (Drone making competition)
Internship: Hindustan aeronautics limited - transport aircraft division , kanpur -worked MRO intern (hydraulic system)

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

TVS
IndiGo
TATA MOTORS
MARUTI SUZUKI
TATA
TATA TECHNOLOGIES
SPARK MINDA
Powered by Passion
DXC TECHNOLOGY
CONGRUEX
NETWORKS BUILT BETTER
CNH INDUSTRIAL
日東電気グループ
NITTOCORP
sopra steria
RENAULT
hitech
Your Partner in Process Excellence
25
HYUNDAI
HYUNDAI MOBIS
JMA
REDEFINING FLIGHT
TIGER ANALYTICS
INVESTO XPERT.com
Redefining Realty
FNR Software Pvt. Ltd.
UNITED AIRLINES
JAMCE AEROSPACE
HONDA
KUROKAWA industry
PHENIX
EDS
an HP company
BIRDMAN
AVIATION INDIA
AVIOTRON AEROSPACE
AEROSPACE FOR KIDS
RoboMQ
R-Logix
wipro
AHODS
The power of one
OLA ELECTRIC
newgen
ECOSPERITY MOBILITY
INTERGLOBE

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 Croup 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.

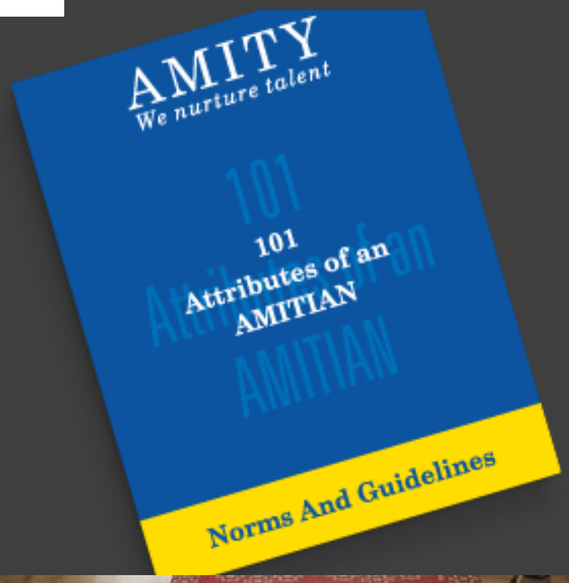
Kadam Payal Kailas, B.Tech (Aeronautical), 2020-24
Aeronautical Engineer, Nittocorp Co. Ltd, Japan.

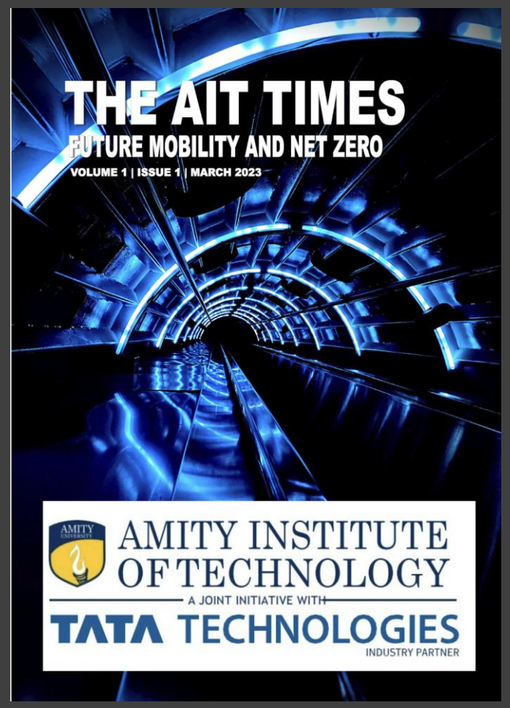
The Amity Institute of Technology bestowed upon me an exceptional platform to acquire knowledge and foster personal growth. I owe my success to the unwavering support and guidance of the faculty, who instilled in me the confidence to learn from my mistakes and develop a professional approach towards 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

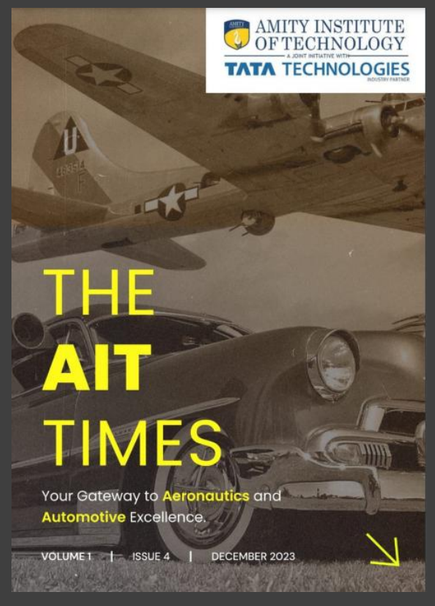
The **101 attributes of Amitians** aims to take the students closer to completeness.





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)

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"

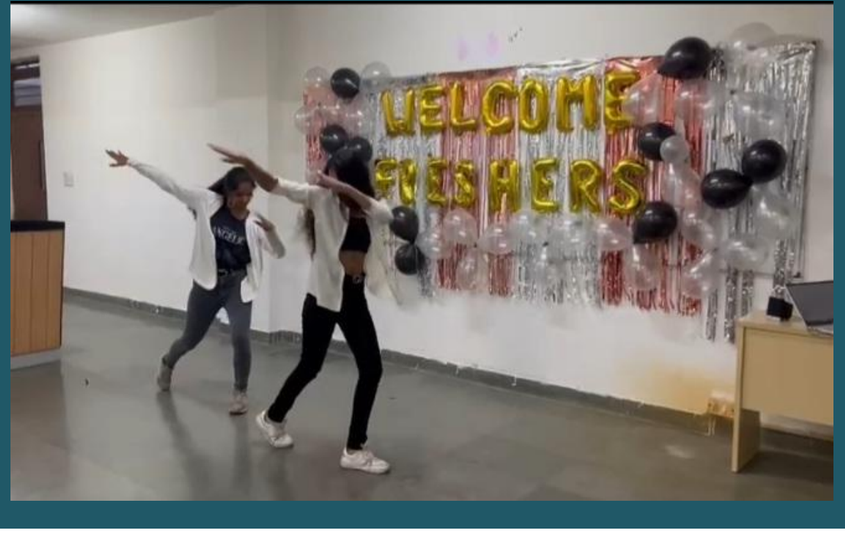
Aerobotics Club

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.

AMITY INSTITUTE OF TECHNOLOGY

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https://instagram.com/amityinstituteoftechnology/

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Ms Vedant Ghanwat B. Tech. (ANE)
Ms Ananya Sadera B. Tech. (ANE)
Mr Shantanu Rusia B. Tech. (AME)
Mr Sukrit Kumar B. Tech. (ANE)
Ms Anoushka Verma B. Tech (ANE)
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Mr Tanmay Tewary B. Tech. (AME)
Mr Asmit Bhattacharjee B. Tech. (AME)
Ms Shreya Sharma, B. Tech. (ANE)