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

AMITY INSTITUTE OF TECHNOLOGY

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AMITY UNIVERSITY

PLACEMENT BROCHURE

MESSAGE OF
FOUNDER PRESIDENT

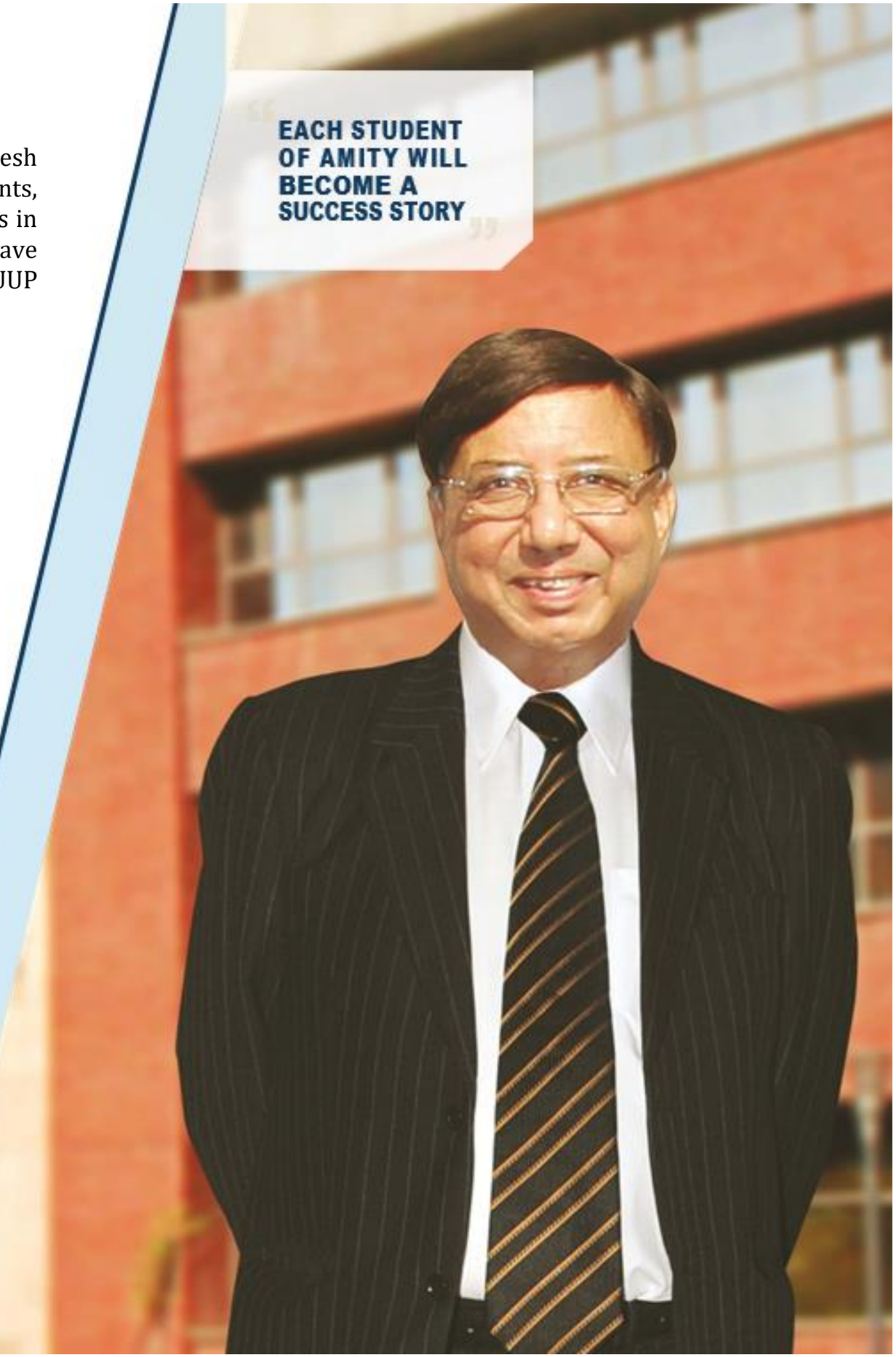
It has been a matter of great satisfaction for me that Amity University Uttar Pradesh (AUUP) with its global vision to provide excellent education to enthusiastic students, has nurtured students to become global leaders, who have been playing key roles in the organizations across the globe. I firmly 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
17 Global Campuses
26 Schools & Preschools

Campuses spread across **1,200** acres

1500 Patents filed by faculty

25000 Papers written by faculty

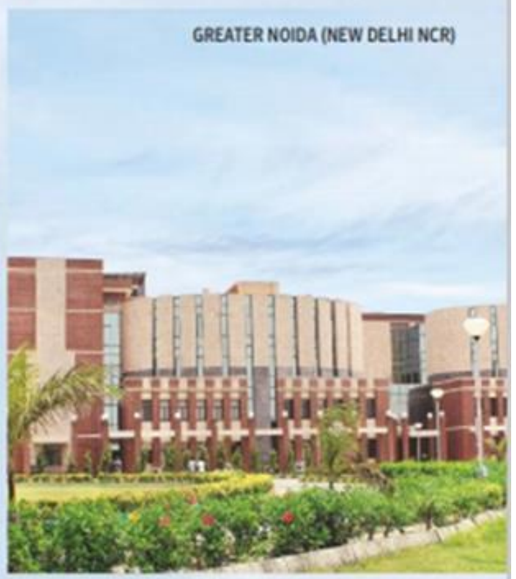
150 Global Universities as Research Partners

30000 Scholarships awarded

200000 Alumni worldwide

UNIVERSITY CAMPUSES IN 9 INDIAN STATES


NOIDA (NEW DELHI NCR)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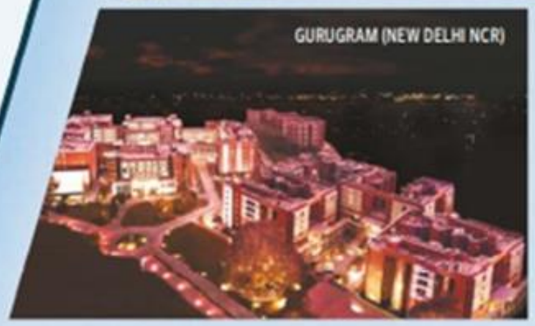

GURUGRAM (NEW DELHI NCR)


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 22nd AMONGST ALL GOVT. AND PRIVATE UNIVERSITIES IN THE COUNTRY

IN THE INDIA RANKINGS 2022

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**
Economics for Engineers	Sociology for Engineers	Applied Mathematics III	Applied Mathematics IV	Machine Design – I	Fundamentals of Body Engineering	Principles of Vibrations	
Aspects of Indian History for Engineers	History of Automotive Industry	Materials Engineering	Fundamentals of Auto Electrical System	Dynamics of Machines in Automobile Engineering	Machine Design II	Vehicle Integration	Autonomous Cars
Applied Mathematics - I	Applied Mathematics – II	Basic Electronics Engineering	Essentials of CAT	Chassis Engineering	Elements of Vehicle Dynamics	Project management in Industry	Mechatronics
Engineering Chemistry	Engineering Physics	Object Oriented Programming using C++	Heat and Mass Transfer	Powertrain Engineering	Industrial Robotics System	Value Analysis and Value Engineering	Product Lifecycle Management
Basic Electrical Engineering	Introduction to computers and Programming in C	Introduction to Thermo-fluids	IC Engine and Gas Turbine	Auto Electronics	Practical Finite Element Analysis	Vehicle Integration	Major Project
Essentials of CAD Tools	Engineering Mechanics	Mechanics of Solids	Kinematics of Machines in Automobile Engineering	Elements of Computer Aided Manufacturing	Applied Operations Research	Vehicle Testing & Certification	Advanced Manufacturing System Processes
Environmental Studies	Elements of Mechanical Engineering Lab	Mechanics of Solids and Mechanics of Fluids Lab	Manufacturing Engineering	Supply Chain Management in Industry		Electric & Hybrid Vehicles	
Technical Communication - I	Technical Communication - II	Fundamentals of Product Design & Development	Fundamentals of Manufacturing Engineering	Aptitude and Reasoning Ability	Automotive Air Conditioning and Refrigeration	Essentials of Industry 4.0-II	
Foreign Business Language	Foreign Business Language	Mini Project -I	Military Training Camp	Mini Project-II	Essentials of Industry 4.0-I	Mini Project-III	
		Foreign Business Language	Foreign Business Language	Working in Teams for Professional Excellence	Employability Skills for Automobile & Aeronautical Industry	Summer Internship	
				Foreign Business Language	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**
Economics for Engineers	Sociology for Engineers	Applied Mathematics III	Applied Mathematics	Compressible Aerodynamics	Practical Finite Element Analysis	Principles of Vibrations	Boundary Layer Theory
Aspects of Indian History for Engineers	History of Aeronautics	Basic Electronics Engineering	Basic Simulation Lab	Principle of Flight Mechanics	Wind Tunnel Measurement Techniques	Fatigue & Damage Tolerance	Computational Fluid Dynamics
Applied Mathematics - I	Applied Mathematics – II	Object Oriented Programming using C++	Incompressible Aerodynamics	Aero Structures - II	Aircraft Modelling & Simulation	Helicopter Engineering	Aeroelasticity
Engineering Chemistry	Engineering Physics	Materials Engineering	Manufacturing Engineering	Basics of Propulsion	Flight Vehicle Design	Aerospace Quality Assurance & Certification	Introduction to Gas Dynamics
Basic Electrical Engineering	Introduction to computers and Programming in C	Introduction to Thermo-fluids	Aircraft Systems and Instrumentation	Aircraft Material	Aircraft Stability & Control	Composite Structure Design and Analysis	Major Project
Essentials of CAD Tools	Engineering Mechanics	Mechanics of Solids and Mechanics of fluids	Aero Structures - I	Elements of Computer Aided Manufacturing	Jet Propulsion	Project Management in Industry	
Environmental Studies	Elements of Mechanical Engineering Lab	Fundamentals of Product Design & Development	Introduction to CAT	Supply Chain Management in Industry	Aircraft Maintenance Repair & Overhaul	Verification, Validation and Testing	
Foreign Business Language	Foreign Business Language	Mechanics of Solids	Military Training Camp	Heat Transfer	Applied Operations Research	Essentials of Industry 4.0- II	
		Foreign Business Language	Foreign Business Language	Aptitude and Reasoning Ability	Advanced Manufacturing Engineering	Mini Project - III	
				Mini Project-II	Essentials of Industry	Summer Internship	
				Working in Teams for Professional Excellence	Employability Skills for Automobile	Professional Ethics and Social Responsibility	
				Foreign Business Language	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

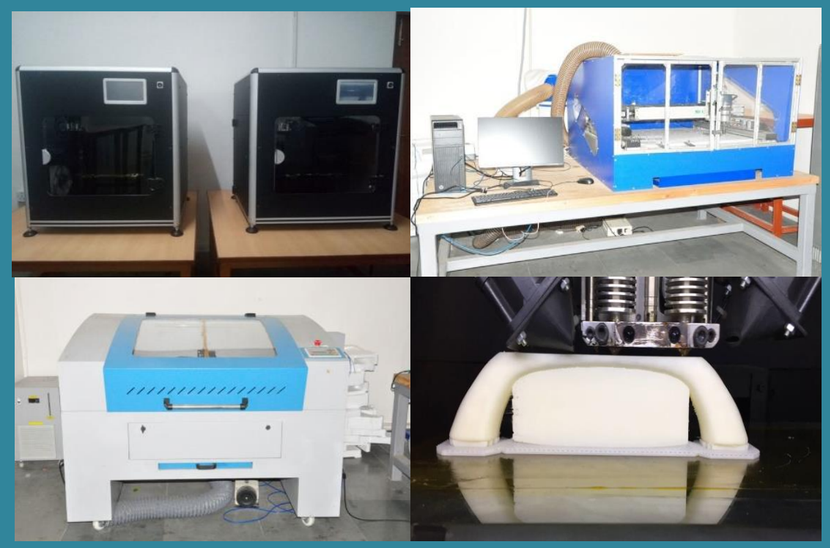
- **Computer Aided Design (CAD)**
- **Computer Aided Manufacturing (CAM)**
- **Computer Aided Engineering (CAE)**
- **Product Life-cycle Management**
- **Electric Vehicle Design and Analysis**

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 “i-get-it” 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

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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

Asst. Professor-III

Dr. Shailendra Singh Chauhan

Asst. Professor-II

Dr. Gurpreet Singh Saini

Asst. Professor-II

Dr. Anil Kumar

Asst. Professor-I

Dr. Ishtiaq Ahmed Khan

Sr. Program Manager, TATA Technologies

Mr. V K Joshi

Program Director, TATA Technologies Ltd.

Mr. Anil Kelapure

Program Director, TATA Technologies Ltd.

Dr. R. S. Tarnacha

Consultant, TATA Technologies Ltd.

Mr. A. Muthukumarswami

Consultant, TATA Technologies Ltd.

Mr. Santosh Maganahally

Project Manager, TATA Technologies Ltd.

Dr. Bedatri Moulik

Assistant Professor-III

Mr. Manish Sharma

Assistant Manager, TATA Technologies Ltd.

Mr. Rohit Yadav

Coordinator, TATA Technologies Ltd.

Mr. Rahul Sharma

Team Lead, TATA Technologies Ltd.

Mr. Harish S

Consultant, TATA Technologies Ltd.

Mr. Aditya K. Singh

Assistant Professor - III.

Dr. Puran Singh

Assistant Professor - I

ASSOCIATED INTELLECTUAL CAPITAL OF UNIVERSITY

Prof. (Dr.) Marshal Mukesh Sahni
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

Dr. Taranjeet Duggal
Head, Amity Center of Behavioral Sciences

Prof. (Dr.) Neelam Saxena
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.

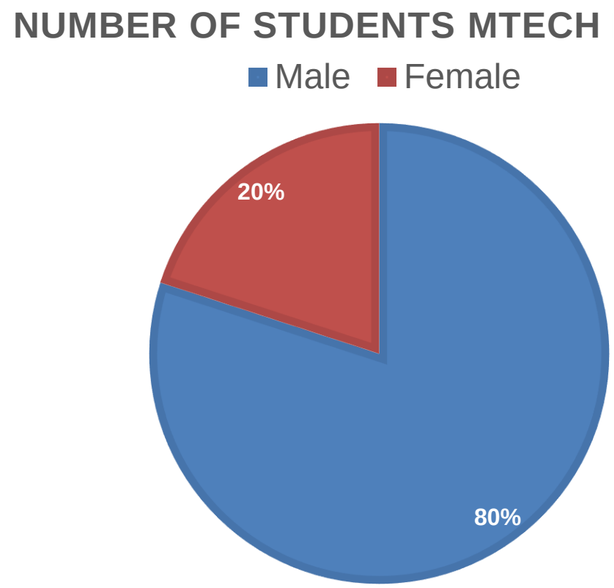
Mr. Suresh Perinjery,
Partner Technical Manager
PTC India

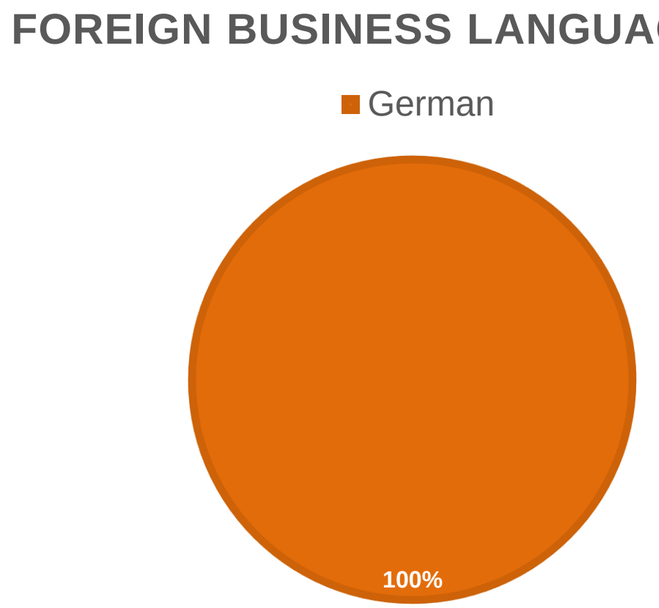
Mr. S. Sunil Kumar
Dy. Head Application and Training,
Janatics Pvt Ltd

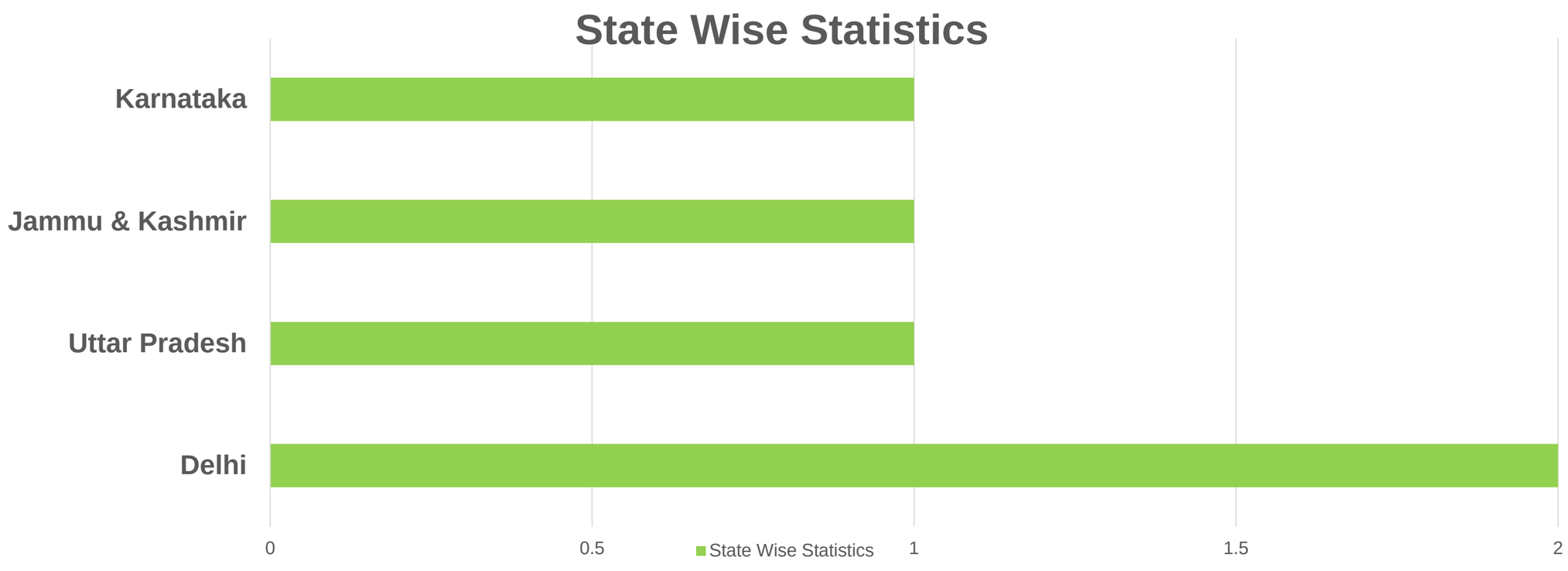
Mr. Prabal Bose
Area Sales Manager,
ABB India Ltd.

And many more……

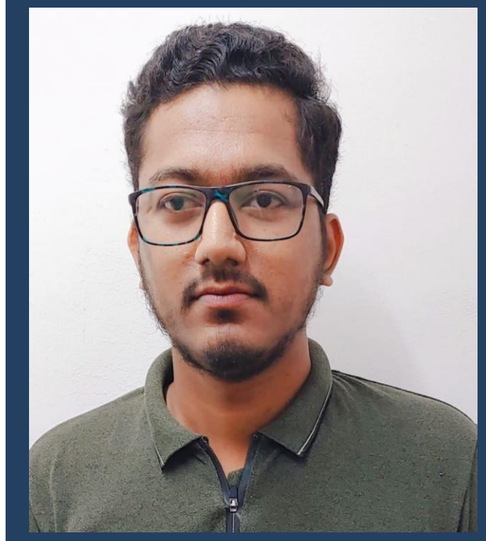
STUDENT STATISTICS @ AIT







STUDENT PROFILES (M.Tech EVT 2021-23 Batch)

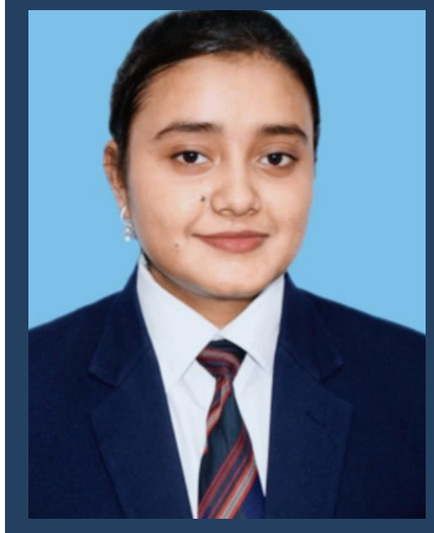


Name: Saifali Davalanavar
Phone Number: 9113686013
CGPA: 9.31
Achievements:
1. Participated in workshop on Electric Vehicle Design.
2. Attended Bosch workshop on ECU.

Projects:
1. Design and Development of Advanced Battery management system for EVs.
2. Design analysis of E- Rickshaw.
3. Stir casting and characterization of Aluminum Alloy with tungsten carbide and aluminum oxide.
4. Solar Heat Dryer.

Internships:
1. Summer intern at Goenka Electric motor vehicle Pvt Ltd.
2. Summer Intern at AirTech Pvt Ltd.
3. Intern at Padmaja Industries Pvt Ltd.

Name: Somil Keshav
Phone Number: 9582910678
CGPA: 8.8
Achievements: 1. Training in Digital Manufacturing.
2. NPTEL Certificate: Joy of computing using Python.
3. Industrial Visit to Indian Railway-Forging operations, IPL Tech Electric Pvt Ltd.
Projects:1. Modelling and Simulation of controlled motor drive system for EVs.
2. Analysis of 3 axis stabilzed Gimbal system
3. Surveillance using computer vision.
Internships:
1. Summer intern at EVI Technologies.



Name: Soumya Srivastava
Phone Number: 9336868139
CGPA: 8.88
Projects : 1. Design and Development of Advanced Battery management system for EVs.
2. Design analysis of E- Rickshaw.
3. Research and Design of Environmental monitoring and road lighting system on IOT.
Internships:
1. Summer intern at Goenka Electric motor vehicle Pvt Ltd.

STUDENT PROFILES (M.Tech EVT 2021-23 Batch)

Name: Farhan Mukhtar
Phone Number: 9149987167
CGPA: 9.0
Achievements:
1. Presented research paper in conference in NIT, Kurukshetra
2. Industrial visit in Honda, Manesar, ICAT and IPL Tech electric Pvt Ltd

Projects And Research Papers:
1. Design and Development of Advanced Battery management system for EVs.
2. Design analysis of E- Rickshaw
3. Design analysis of an electric go-kart
4. Technical analysis for implementing BS-VI automotive emission norms with respect to EV production by 2020 in India
5. Air pollution a major threat to the people of Khrew (J&K)
6. Adaptive fractional order PID controller design of a pacemaker based on heart rate control strategy
7. Liquid level control strategy using fractional order PID controller based on Artificial Intelligence
8. Autonomous eviscerating BOT using ANT colony optimization

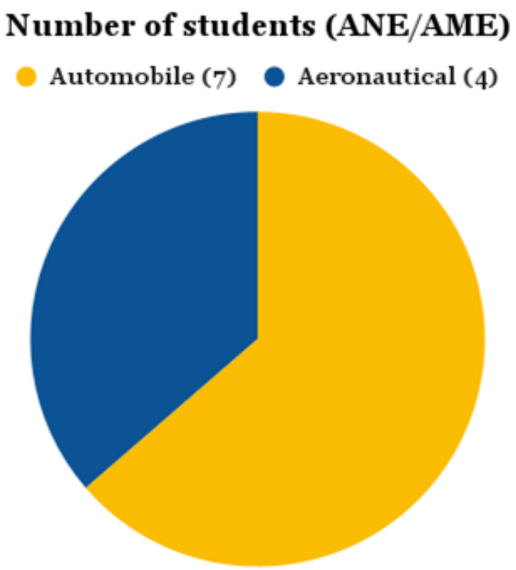
Internships:
1. Summer intern at Goenka Electric motor vehicle Pvt Ltd
2. Summer internship in Rahim Motors Maruti Suzuki

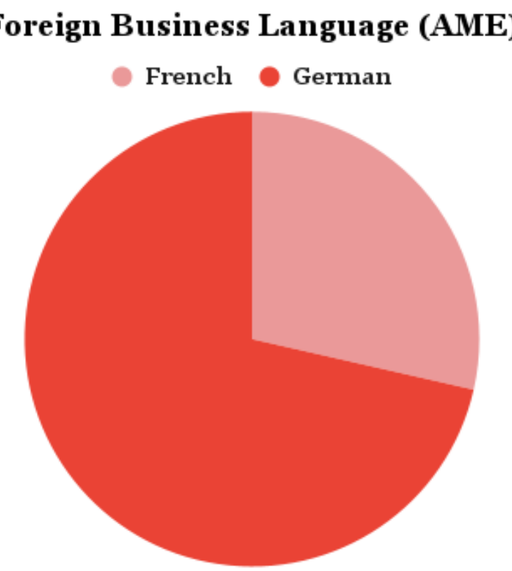
Name: Ankit Khatri
Phone Number: 8447788726
CGPA: 9.70
Achievements:
1. D&D Engineer at DO REAL MOTORS.
2. Class representative for Batch 2021-2023.
3. Solid works course completion certificate.
4. Vice President at SAE Chapter AIT 2022-2023.
5. Secretary at SAE ASET 2020-2021.
6. Publicity Manager at SAE ASET 2019-2020.
7. Placement In charge at AIT 2022-2023 and at ASET Delhi 2020-2021.
8. Vice House Captain in School.

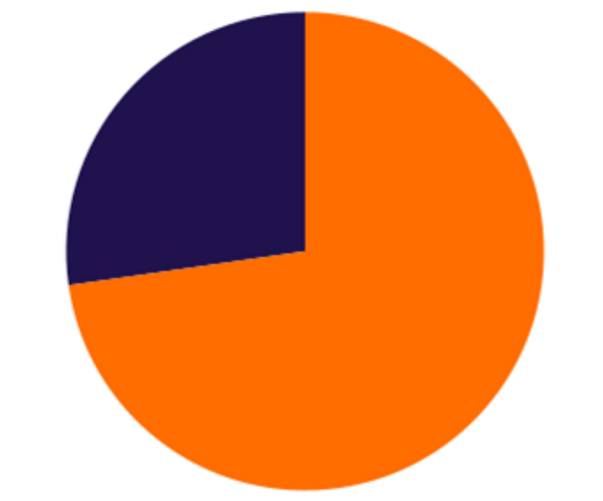
Projects and Reports:
1. Modeling and Simulation of controlled motor drive system for EVs.
2. Report on Electric Trains working and components.
3. Design and Fabrication of Automated car parking system.
4. Design and Simulation of Four wheeler Chassis using Solid works.
5. Design and Fabrication of Automatic Drill press machine.
6. Design and Fabrication of Electric Generator.

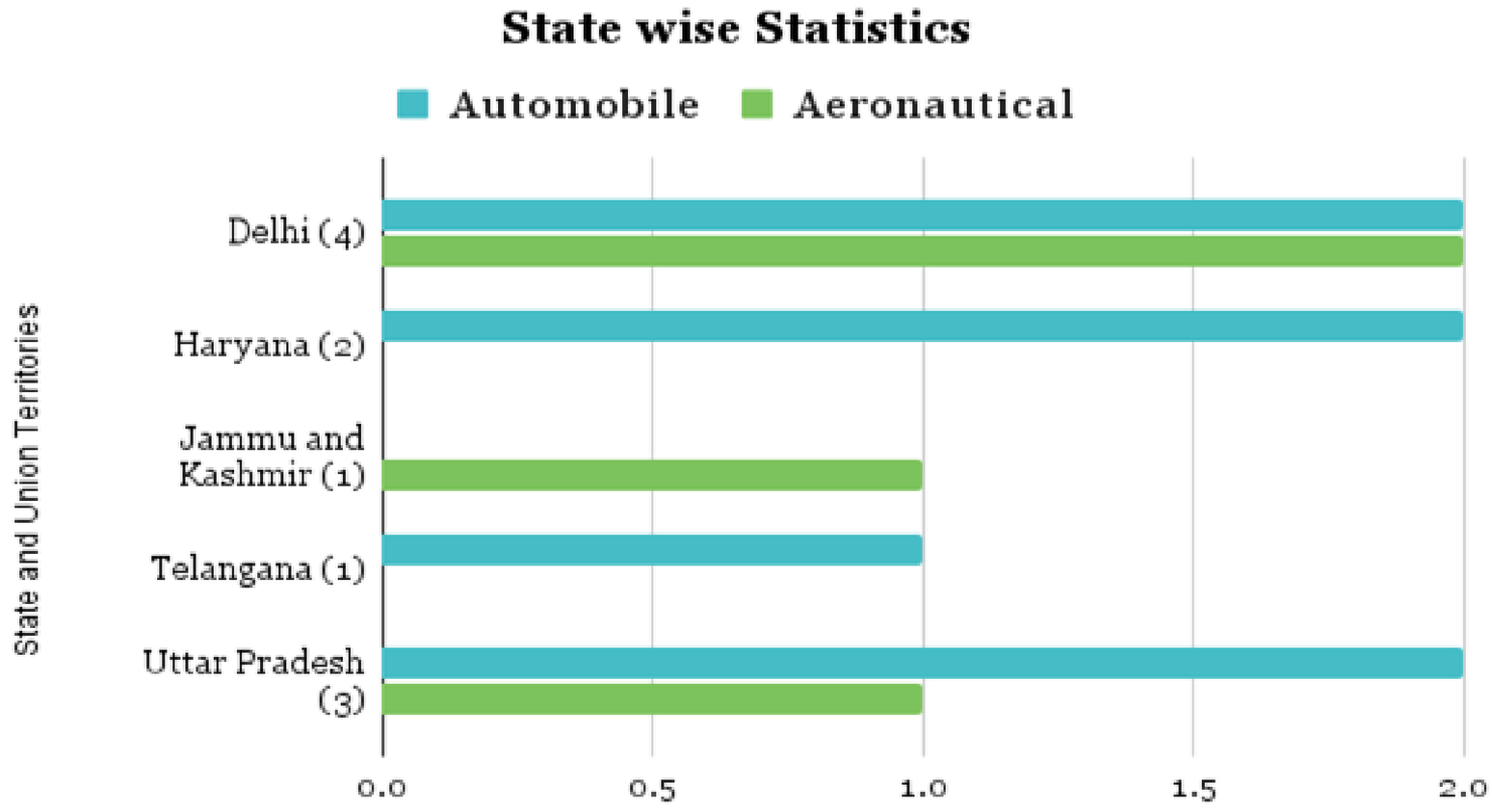
Skills: MATLAB, Solid Works, MS OFFICE.
Internships: 1. Summer internship at PMI Electro mobility Pvt Ltd.
2. Internship at Jay Bharat Maruti limited (JBM).

STUDENT STATISTICS @ AIT









STUDENT PROFILES (Automobile Engineering 2019-23 Batch)

Name: Abburu Sai Sandeep
Phone Number: 9703456827
CGPA: 8.8
Achievements: Rank 3 in CAD Mania (AYF), Rank 7 in SAE Efficycle 2021
Elected President Of SAE chapter
Certification on EV and Auto systems from IIT
Projects And Research Papers: 1) Feasibility study of autonomous cars
2. Application of IOT and AR in automotive industry
3. Drowsiness detection in car using I.O.T
4. Advanced modelling and analysis of piston and piston rings
5. Design of a 3 wheeled Electric vehicle
Internships:
1. Summer intern at Tata Technologies
2. Design Intern at RE5
3. EV powertrain systems from IIT
4. EV design Intern at FMAE

Name: Armaan Mattoo
Phone Number: 8375008147
CGPA: 7.42
Achievements: Participated in webinar on additive manufacturing
Projects:1.Geometric design and tolerancing in design and manufacturing
2. Application of IOT and AR in automotive industry
3. Prevention system for inebriated drivers
4. Study of electric drive system
Internships: Summer intern at Tata Technologies

Name: Venkatesh Trivedi
Phone Number:9971773189
CGPA: 8.43
Achievements: SAE chapter member
Projects And Research Papers:
1) Feasibility study of autonomous cars
2) Artificial intelligence and machine learning in automobiles
3) Study of cooling system in electric vehicle
4) Drowsiness detection in car using I.O.T
Internships: Summer intern at Tata Technologies

Name: Gyanvi Bhardwaj
Phone Number: 9971263399
CGPA: 9.40
Achievements: Rank 1 in essay competition (AYF), Rank 3 in CAD Mania (AYF), Rank 3 in slogan competition (AYF), Vice President Of SAE Chapter, Member of Internal Quality Assessment Cell of the Institute
Projects And Research Papers:
1. Study of regenerative braking system
2. Comprehensive study of electric vehicles
3. Design and analysis of ventilated disc brake
4. Structural and thermal analysis of piston
5. Prevention system for inebriated drivers
Internships:
1. Summer intern at Tata Technologies
2. Research intern (Design of hydrogen electrolyser) at AHODS Technologies
3. Summer Intern at Competent Automobiles Company Ltd. Maruti Suzuki

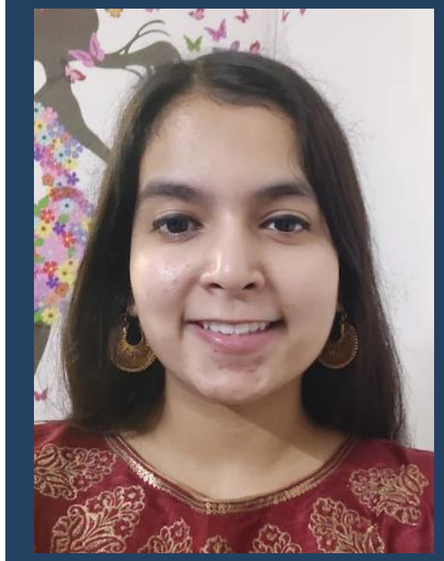
STUDENT PROFILES (Automobile Engineering 2019-23 Batch)

Name : Anubhav Rawat
Phone Number : 9899112976
CGPA : 7.37
PROJECTS:
1. Geometric Design and tolerancing in Design and manufacturing.
2. Artificial intelligence and Machine learning in Automobiles.
INTERNSHIPS:
1. Service engineer intern at Hyundai Motor India.
2. Content Developer at Motorbhai.com
3. Social Media Management at The affordable organic store.
4. Marketing Intern at Navyfox.in
5. Working on my own YouTube channel which is automobile oriented with over 400+ subscribers.

Name: Aditya
Phone Number: 9350016021
CGPA: 7.5
Achievements:
1) Attended Seminar on Future of Mobility-Electric and Hybrid Vehicles.
2) Attended Seminar on Design and Simulation of EVs.
3) SAE member
Projects And Research Papers:
1) Study of Regenerative Braking System
2) Application of IOT and AR in Automobile Industry
3) Drowsiness detection in Cars using IOT
Internships: Summer Intern at Tata Technologies

Name : Ashutosh Singh Negi
Phone Number : 9703456827
CGPA : 7.73
Achievements: SAE member
Attended Seminar on Future of Mobility-Electric and Hybrid Vehicles
Attended Seminar on Design and Simulation of EVs
Attended Seminar on Design and Application for Automotive Domain
Sangathan - Amity Sports Meet (2019)
PROJECTS:
1) Feasibility study of autonomous cars
2. Application of IOT and AR in automotive industry
3. Drowsiness detection in car using I.O.T
INTERNSHIPS: Summer intern at TATA Technologies

STUDENT PROFILES (Aeronautical Engineering 2019-23 Batch)



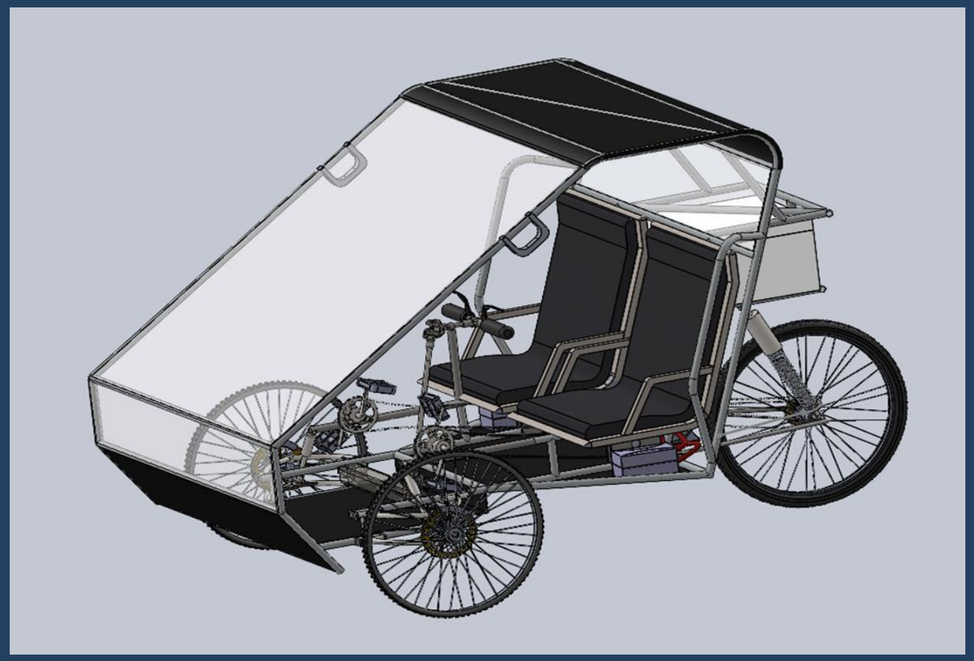
Name: Shivi Singh
CGPA - 9.28
Achievements : Currently on Ashok Chauhan 100 % Scholarship
President of Vesuvius: The performing arts for the academic year 2022-23
Student President of Association of Energy Engineers (AEE Amity) for the academic year 2022-23
Member of Internal Quality Assessment Cell of the Institute.
Participated in SAE Efficycle competition 2021.
Amongst the top 10 participants of Vikalpa 2022
Undergone Risk Management course and Business Continuity Management course offered by BSI.
Projects and Research papers
1) Use of flapping wings for generation of lift in UAVs
2) Design and development of conceptual model of a ground effect vehicle.
3) Designing of pressurized fuselage for Dornier-228.
4) To design a transonic wing for a transport aircraft.
Internships : 1) Summer intern at HAL-TAD, Kanpur
2) Intern at Brahmastra Aerospace

Name : Nitish Rana
Phone number - 9557570840
CGPA - 7.04
Achievements -1. Treasurer of Vesuvius club: the performing arts (2021-2022) 2. Treasurer of piston craft club: technical club (2021-2022) 3. Participated in SAE Efficycle competition 2021. (treasurer)
Project and research paper -
1. Use of flapping wings for generation of life in UAV's.
2. Design and development of conceptual model of a Ground effect vehicle.
3. Designing of a pressurized fuselage for Dornier-228.
Internship -
1. Summer intern at HAL-TAD, KANPUR.
2. Intern at Brahmastra Aerospace.

Name: Prince Kumar Chauhan
Phone number: 8287715578
CGPA- 8.01
ACHIEVEMENTS- Participation in Efficycle-2021, Participation in Sangathan-2019(Football), Participation in VIKALPA 2022.
PROJECTS AND RESEARCH PAPERS-
1. Review of changes in aircraft control approaches in the past and likely trends in future.
2. To Design and study Car Copter.
3. To Design the pressurized fuselage of Dornier - 228.
4. Preliminary sizing and aerodynamic parameter estimation of pressurized fuselage of Dornier 228.
Internships- Summer Intern at Hindustan Aeronautics Limited(HAL Kanpur).

Name : Nishtha Gupta
Phone number - 8899770111
CGPA- 8.01
ACHIEVEMENTS- Participation in Efficycle-2021, Participation in Sangathan-2019(Football), Participation in VIKALPA 2022.
Participated in AMIMUN'20
Participated in model rocketry competition
Participated in Unifest 2020
PROJECTS AND RESEARCH PAPERS-
1. Review of changes in aircraft control approaches in the past and likely trends in future.
2. To Design and study Car Copter.
3. To Design the pressurized fuselage of Dornier 228.
4. Preliminary sizing and aerodynamic parameter estimation of pressurized fuselage of Dornier 228.
Internship- Summer Intern at Hindustan Aeronautics Limited (HAL Kanpur).

STUDENTS' ACHIEVEMENTS



AIT students ranked 7th in SAE EFFICYCLE COMPETITION in 2021

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

TATA TECHNOLOGIES

HYUNDAI

IndiGo

INTERGLOBE

MARUTI SUZUKI

Way of Life!

RENAULT

JMA REDEFINING FLIGHT

DXC.technology

CNH INDUSTRIAL

CONGRUEX NETWORKS BUILT BETTER

accenture

High performance. Delivered.

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

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

Getting into Amity was the best thing that I have ever experienced. Apart from excellent education it has given me several opportunities and experiences to revitalise my career. Amity has given me the memories that I'll cherish lifelong. There are excellent teaching Faculty, Spacious and state of the art laboratories, and a Ragging free atmosphere. Apart from this, the Institute has a collaboration with Tata Technologies Ltd. which provides trailblazing Industry Ready Experience along with the Curriculum which is rarely seen anywhere else in the country. Proud to be a Amitian.

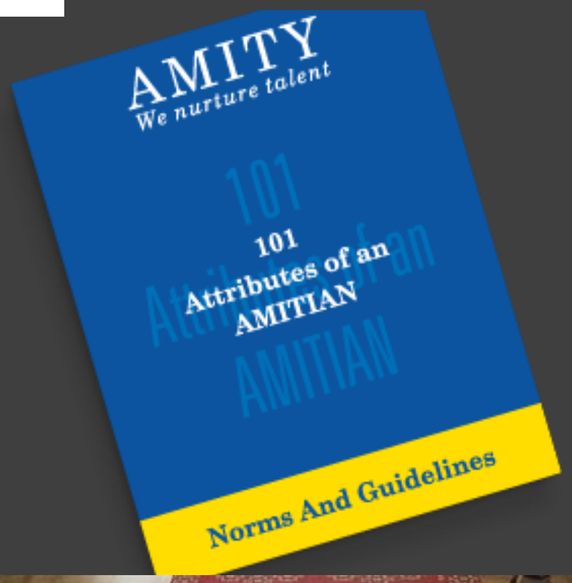
Venkata Sai Jatin Immaneni,
B.Tech (Automobile Engineering),
2018-22, CGPA: 9.59
Graduate Engineer Trainee,
Spares and Logistics,
Honda Car India Limited,
Panapakkam, Chennai

Amity Institute of Technology fuelled my passion for automobile. Through comprehensive modules to the affiliation with Tata Technologies, we received well rounded training for a career in automotive industry. We received support right from day one until our placement. I am now a part of Renault Nissan Technology and Business Centre (RNTBCI).

Gundeep Singh Narang
B. Tech (Automobile), 2018-22
Engineer Trainee,
Renault Nissan Technology and Business Centre (RNTBCI)

THE AMITY EXPERIENCE

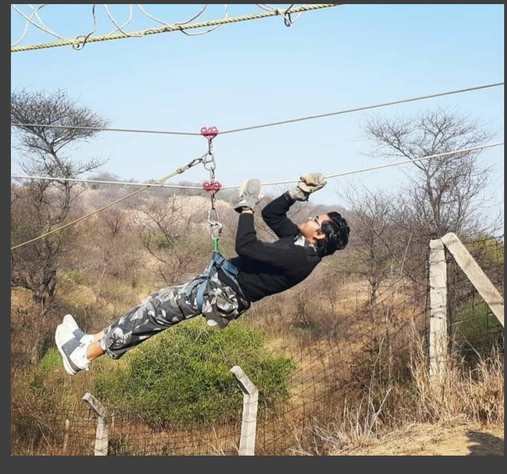
The **101 attributes of Amitians** aims to take the students closer to completeness.



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.

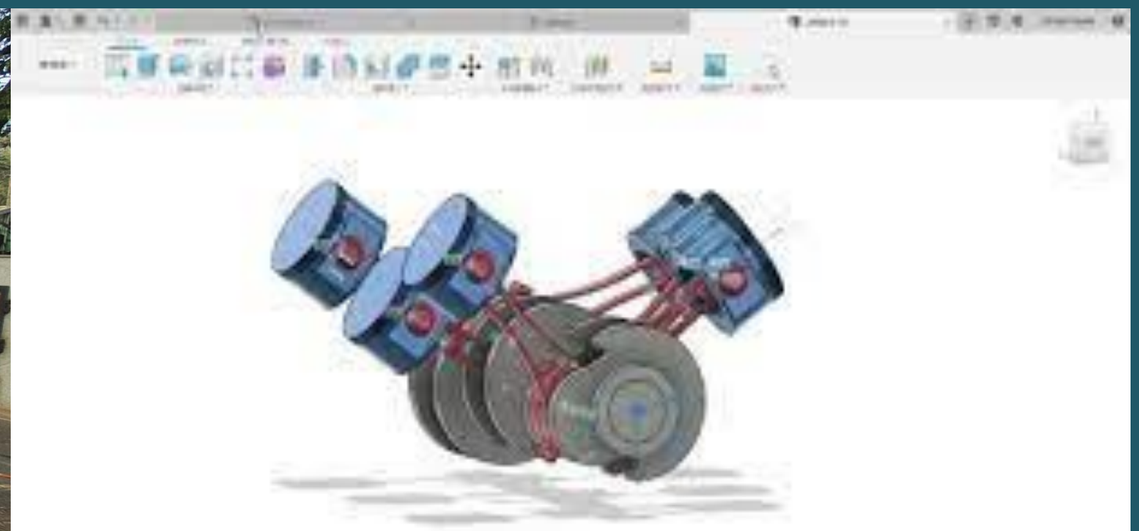
CLUBS AT AMITY INSTITUTE OF TECHNOLOGY

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

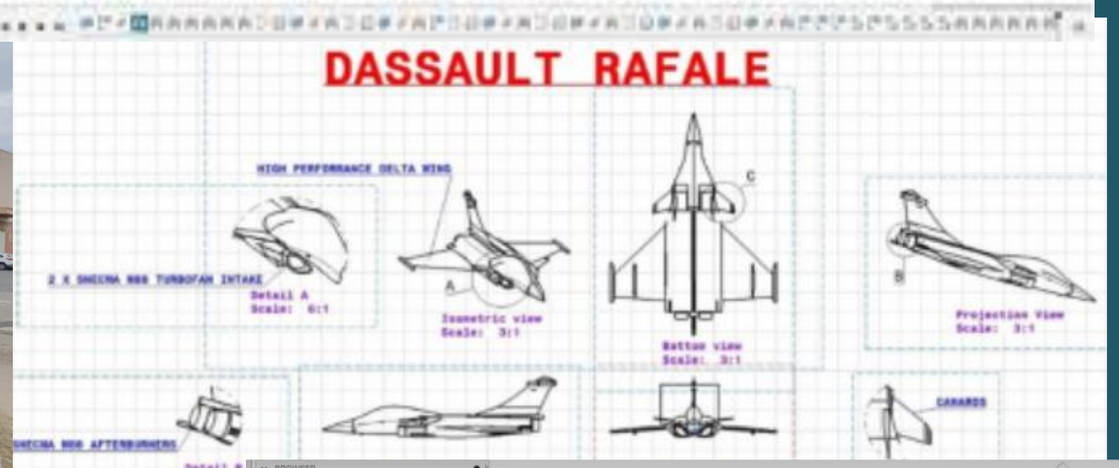
Piston Craft, The Technical Club of AIT

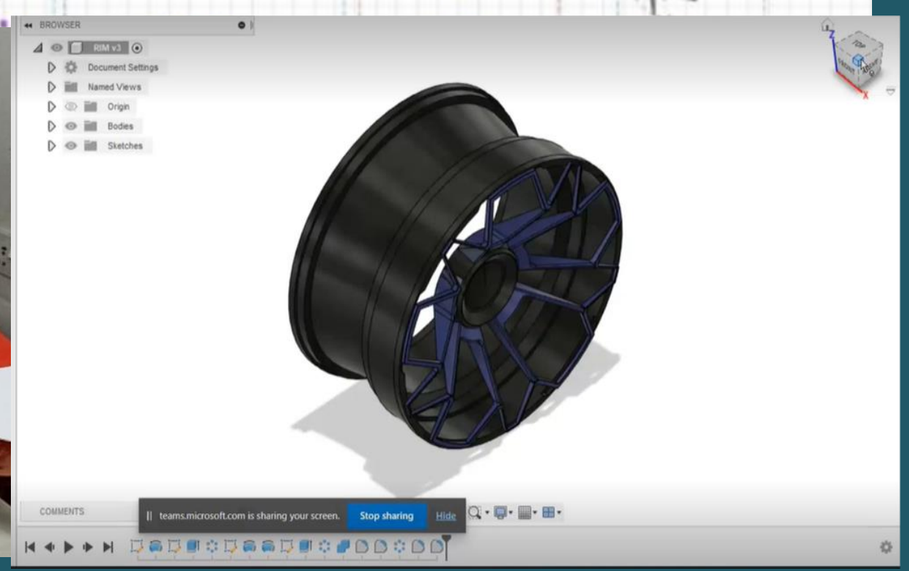
Vesuvius, The Cultural Club of AIT

GLIMPSES OF PISTON CRAFT

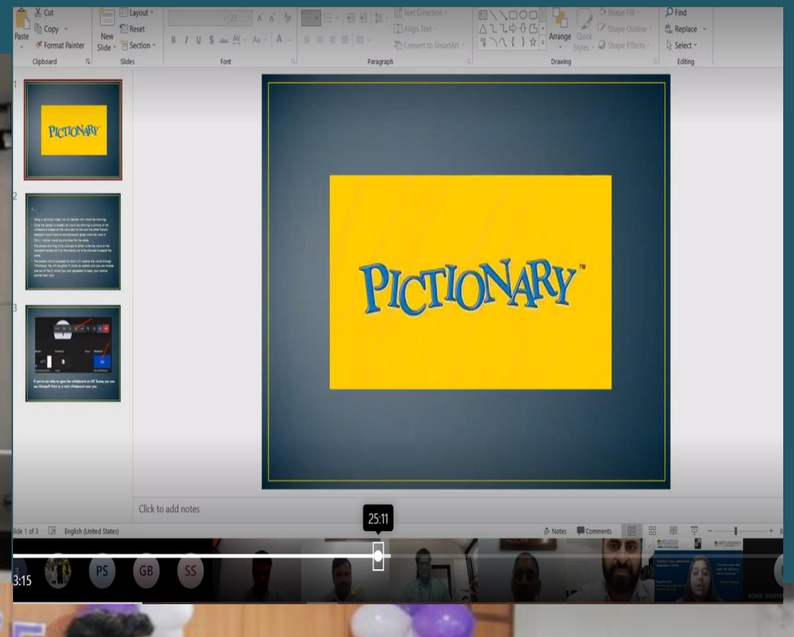


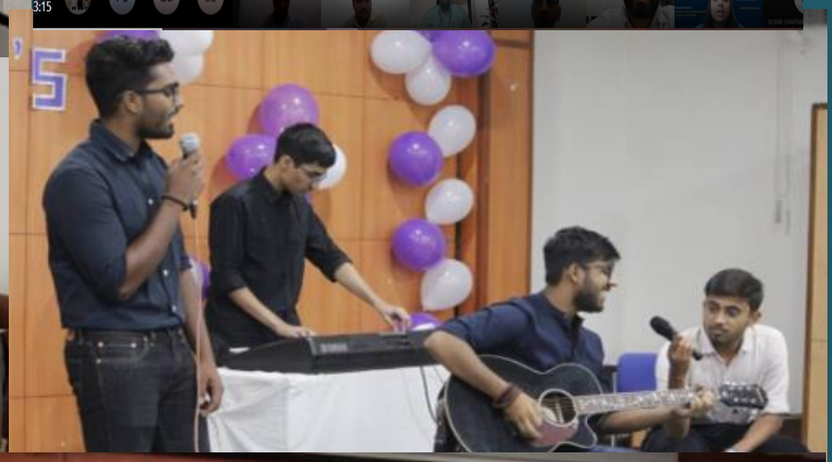
DELHI
MACHINE TOOL EXPO 2019
08 - 11 August 2019
India Exposition Mart Limited
Greater Noida

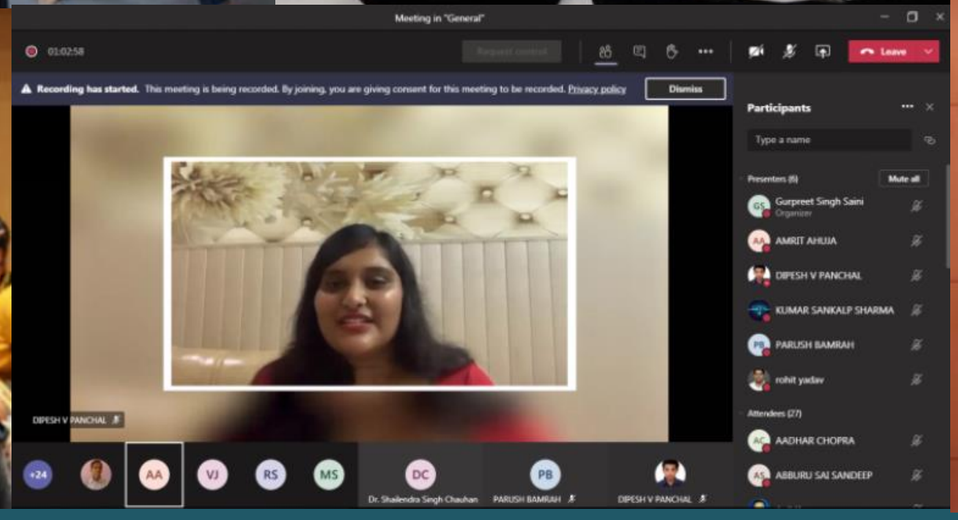




GLIMPSES OF VESUVIUS







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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