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Aryan

"adding extra to the ordinary"

Institute of Technology, Ghaziabad (Delhi-NCR)



INFORMATION BROCHURE

• **B.Tech** • **Polytechnic** • **MBA** • **ITI**

Approved by AICTE, Affiliated to Dr. A.P.J. Abdul Kalam Technical University &
Board of Technical Education (BTE), Lucknow, NCVT & QCI, New Delhi

The background of the cover features a teal-to-blue gradient with a faint world map and gear patterns. In the top-left corner, there are two overlapping squares, one dark green and one medium green. The word "Aryan" is written in a large, white, serif font.

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Why *Aryan* ?

We choose the very best, and make them better. Join us for a life-changing experience.





VISION

The vision of AIT is to elevate itself to a position, where from it is able to provide high quality and value based education on a national and global level.



MISSION

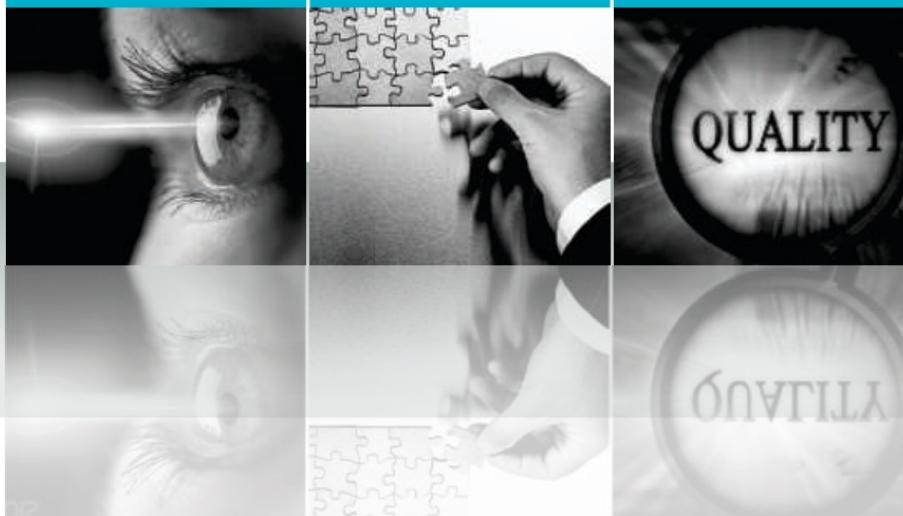
The mission of AIT is to provide the best opportunity for each of its students to attain the best of their capabilities and creating in them the desire to excel. AIT will act as a catalyst in creating excellence in professional education which will implant the seeds of competitiveness among the students. The continuous efforts through research and analysis in academics would ensure that our mission to serve the society through dedicated professionals with appropriate knowledge and skills capable of providing imaginative and technologically sound solutions to industry, academia, and other professions would get fulfilled.



QUALITY POLICY

We at Aryan Institute of Technology are committed to provide quality education and training to the students for developing human resources that meet global competition by

- Continual improvement of facilities and faculties at par with global standards.
- Professionally competent and committed faculty.
- Professional approach in every activity.
- Creating centers of excellence in all faculties with the state-of-the-art facilities.





GOVERNING BODY

Mr. Mukesh Gupta
Chairman

Mrs. Shweta Aggarwal
Vice Chairperson

Mr. Anupam Goel
Secretary

Mrs. Rita Kapoor
Jt. Secretary

Mr. Amit Gandhi
Treasurer



from the CHAIRMAN'S DESK



Mr. Mukesh Gupta
Chairman, AIT

Dear parents and prospective students,

Welcome to the Aryan Institute of Technology. Choosing a college is one of the most important decisions that you will ever make. It can be the key that opens the door to the opportunities of lifetime. We want you to base your choice of a college on relevant and reliable information. How well it turns out for you will depend primarily on the effort you invest in your own intellectual and professional development. Invest wisely and be assured that AIT faculty and staff pledge their best efforts in helping you attain your educational goals.

As you pursue your studies, please remember that a college education is not entirely academic. It extends beyond the four walls of classrooms, laboratories and workshops, it has well entrenched roots in the area of extra-curricular and co-curricular activities. I hope that apart from electrifying the campus life of AIT, you will make sure that you also enlighten the society with your knowledge and service. I wish you become a cause for development, happiness and well being among the society. Members of our faculty are known for their energy, erudition, academic achievements, teaching abilities and devotion toward the duty. Our standards are challenging and we are dedicated to help you to meet those standards. We will judge our success as an institution by how well you succeed in realizing your potential as a student and later in your professional career.

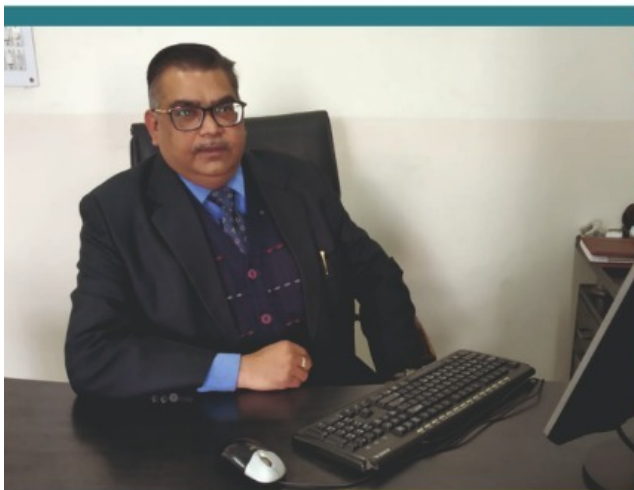
I invite you to visit our magnificent campus, inspect our state-of-the-art facilities, meet and discuss with students and faculty and discover for yourself why so many bright students have made AIT their choice.

Cordially Yours,

Mukesh Gupta
Chairman, AIT

from the

DIRECTOR'S DESK



Prof. (Dr.) Sandeep Kumar Singh (MCA, M.Tech, Ph.D.)
Director, AIT

Aryan Institute of Technology has been established with a vision to impart quality education in the fields of engineering. The topmost priorities of this institute are to achieve excellence in academics, discipline and to ensure worthy placements to our students. The supportive management, energetic and dedicated team of faculty and staff members are putting their consistent efforts to attain the high standards set by the mission of the institute.

Our goal is to enrich the in-depth subject knowledge of the students as well as to train them by giving practical exposure with the help of well equipped labs, industrial tours, seminars, industrial training and workshops. Wi-Fi/ net working campus and various scholarship schemes boost up the moral of the students and add an extra edge to the academic environment.

Our aim is to produce excellent technocrats to serve global as well as domestic competitive market.

Prof. (Dr.) Sandeep Kumar Singh (MCA, M.Tech, Ph.D.)
Director, AIT

THE INSTITUTE



AIT has an intensive academic environment that brings out the best in the students.



Aryan Institute of Technology impart the best of **academic practices** through **high quality teaching**, research, case studies, **innovative** courses and **pedagogy**

The Institute is located on NH -24 (Ghaziabad-Hapur highway), about 20 km. from Delhi. Its close proximity to the capital of the country provides the students the much essential exposure of the corporate world.

AIT has an intensive academic environment that brings out the best in the students. It lays claim to the finest faculty in the region, offers the best laboratory infrastructure, excellent hostels and mess facilities and promotes several extra-curricular activities. It also has the well stocked library with large pool of syllabus and reference books along with number of National and International journals.

The Institute endeavors to deliver quality education in accordance with the international standards, which would bring out the ability in the students to apply what they learn and dedicate themselves in architecting the nation. AIT works towards preparing highly qualified team of technocrats not only by making them technically fit but socially fit as well. AIT has been established with a mission to be centre of excellence for the education in Engineering and Management fields.

Its 11 acres of area, houses our eight academic departments that cater to the needs of the students. Well laid out laboratories like CAD / CAM Lab, Network Lab, Electrical Lab, Computer Lab, Communication Lab, etc. provide the faculty, staff and students, a chance to engage in educational programmes dealing with many interdisciplinary applications.



ANTI RAGGING MEASURES

Aryan follows the rules and guidelines set by Hon'ble Supreme Court of India in Writ Petition (C) No. 656 of 1998 D/d 03.08.2001 citation : 2001 SOL case No.431 and laws set in Uttar Pradesh Act (14 of 2010) related to Anti Ragging.

The Institute is having well constituted Anti Ragging Committee at the Institutional Level including Anti Ragging Vigilance Committee and Anti Ragging Squads.

Affiliated to:

U.P. Technical University, Lucknow

Approved by :A.I.C.T.E. New Delhi, Ministry of HRD
Govt. of India,**Duration:**

4 Years

Eligibility:

Candidates with 10+2 from a recognized board of education with physics, chemistry & mathematics/ or as per the guidelines of the University norms are eligible for admission to first year of B.Tech Programmes.

Branches

Computer Science & Engineering (CSE)

Information Technology (IT)

Electronics & Communication Engineering (ECE)

Mechanical Engineering (ME)

Civil Engineering (CE)

Automobile Engineering (AU)

B.Tech

CHOOSE
YOUR
DISCIPLINE

Admission Procedure

The seats for B.Tech. are filled through a competitive examination conducted by U.P. Technical University, Lucknow. The seats left unfilled are filled directly by the Institute on the basis of merit while adhering to eligibility criteria.

Direct Admission to Second Year

Candidates holding 3 Years Diploma recognized by the State Board of Technical Education and AICTE in any Branch of Engineering except Agriculture Engineering with physics, Chemistry & Maths are eligible directly for admission to second year in any branch of Engineering

Management Quota Seats

The eligibility criteria for direct admission for the seats of management quota and the seats remaining vacant in first year after counseling are filled as per university norms.



Approved by :

A.I.C.T.E. New Delhi, Ministry of HRD Govt. of India & Board of Technical Education, Lucknow.

Duration:

3 Years, Full-Time

Branches

Mechanical Engineering

Civil Engineering

Electronics Engineering

Electrical Engineering

Affiliated to:

U.P. Technical University, Lucknow

Approved by :

A.I.C.T.E. New Delhi, Ministry of HRD Govt. of India,

Duration:

2 Years, Full-Time

Specialization:

HR, Marketing, Finance, IT, International Business

Diploma in Engineering (Polytechnic)

**Eligibility**

Candidates who have 10th with science stream from recognized board of education/or as prescribed by Board of Technical Education Lucknow.

Admission Procedure

As per the Norms of Board of Technical Education.



MBA

**Eligibility**

Bachelor degree of three years duration in any discipline and/or as prescribed by U.P. Technical University, Lucknow

Admission Procedure

Admission to the programme is based on the score obtained by the candidate in the state entrance examination as per the university prescribed Procedures

Management Quota Seats

For direct category seats, students should qualify Management Aptitude Test (MAT) or any other National Level Test like CAT/XAT/ JMAT etc.



Department of Applied Sciences

Department of Physics

The good knowledge of Physics is required to understand the mechanism of engineering subjects. The Department is well-equipped to provide the quality education to the students along with sound experimental knowledge. The Department encourages the students and helps them in taking the innovative projects in the field of physics.

Laboratory

The Department has well equipped physics laboratory with all latest type of instruments for B.Tech. first year students. The Department has also amorphous semiconductor laboratory for the research and development with the facility of making, characterizing and measuring the characteristics of samples in high vacuum.

PHYSICS



Department of Chemistry

The place of chemistry in the academic programmes of the institution offered at present is that of a basic knowledge of the subject essential for understanding the physio-chemical processes and the chemical nature of materials used in engineering and technology. The present course is offered in the first two semesters with provision for laboratory experiments based on analytical chemistry and applied chemistry.

Laboratory

Chemistry laboratory is equipped with all sophisticated equipments (Spectrophotometer, pH meter, Electronic balance, Muffle furnace, Colorimeter, Polarimeter.)

CHEMISTRY



THE DEPARTMENTS

Department of Applied Mathematics

The Department of applied mathematics, the basic necessity of all branches of engineering has highly dedicated and experienced faculty. The Department focuses and need of teaching Engineering Mathematics, Statistics, Operation Research to various courses affiliated to MTU Noida.

Research in Applied Mathematics

The Department encourages its faculty to attend Conferences/ Seminars/ Symposiums/ Orientation Programs to acquire high teaching standards. Most of the faculty members of the Department are involved in research in various branches of applied mathematics including Mathematical Modeling, Reliability Engineering, Epidemiology, Module Theory and Cryptography.

MATHEMATICS

Department of Humanities

The Department of Humanities offers teaching of Professional Communication and Management related subjects for all courses being conducted at AIT. The Department is committed to provide quality teaching, enhancing students learning ability, development of personality with a thrust on communication skills and humanitarian values of life.

HUMANITIES

Professional Communication Laboratory

The Institute has a fully computerized air-conditioned Professional Communication laboratory that caters to enhance the communication skills of the students. The student-teacher interaction sessions are conducted to wipe off the inhibitions of every student and to teach them the nuances of speech with great felicity and versatility.

Group discussions, Seminars, Mock Interviews, Debates and Phonetic exercises are frequently conducted in the Lab. In the lab students are facilitated with video cassettes, VCDs & Software like Pronunciation Power, Renet Language Studio which are widely used in order to enhance their professional communications skills.





Field of Specialization

- Computer Architecture
- Networking
- Databases
- Software Engineering
- Data Mining
- Mobile & Distributed Computing
- Wireless Networks
- Digital Image Processing and Compression Techniques
- Real Time Systems
- Sensor Networks
- Web Technology



The **prime focus** is to promote the **effective integration** of technology with **state-of-the-art facilities** in teaching and research activities.

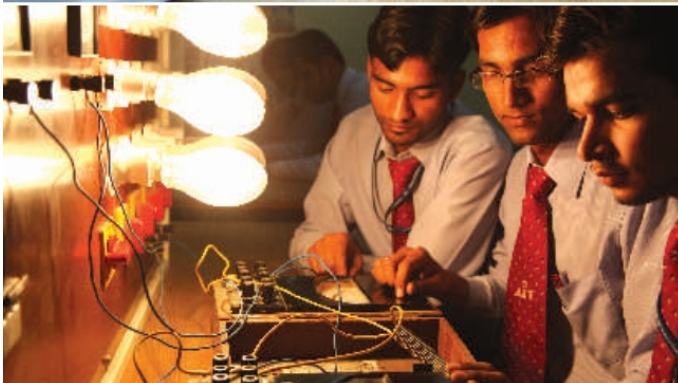
COMPUTER SCIENCE ENGINEERING/ INFORMATION TECHNOLOGY

The Department of Computer Science & Information Technology emphasizes on the fields of Software Engineering and Domain Specific Applications so as to facilitate the evolution of skills in students to help them attain a higher degree of knowledge, global competency and excellence for the betterment of the field and the society. The prime focus is to promote the effective integration of technology with state-of-the-art facilities in teaching and research activities. The curriculum of various programmes offered by the Department focuses on problem solving, design, development and application of various emerging technologies. The Department has always established a strong industry-institute relationship.

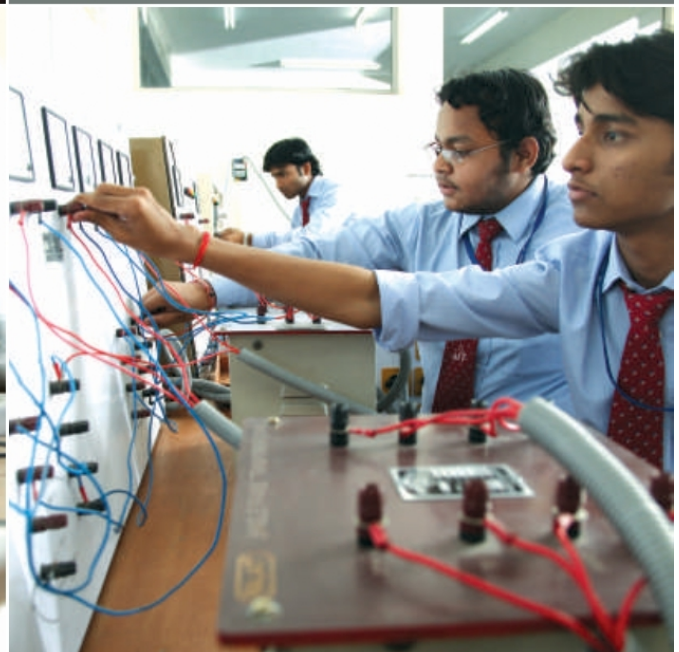
The Department has many visiting professors and distinguished professionals from the IT industry and academia. The faculty members are highly motivated and devoted in delivering the highest quality professional education to students, and strive to excel in their area of research.

The Department has qualified and experienced faculty members in the areas of Computer Architecture, Database Systems, Image Processing, Artificial Intelligence, Data Mining, Wireless and Sensor Networks, Computer Networks, and Software Engineering.

The Department has a track record of organizing various seminars, workshops, symposia and conferences in areas of emerging technology.



This discipline of engineering uses the scientific knowledge of the behavior and effects of electrons to develop components, devices, systems, or equipment (as in electron tubes, transistors, integrated circuits, and printed circuit boards) that use electricity as part of its driving force. Electronics and communication denotes a broad engineering field that encompasses many subfields including those that deal with power, instrumentation engineering, telecommunications, semiconductor circuit design, and many others.



ELECTRONICS AND COMMUNICATION ENGINEERING

Basic Electronics Laboratory

This laboratory offers basic experiments of analog and digital electronics. The laboratory is equipped with CROs from 10MHz to 50 MHz.

Function Generators

Trainer Kits for performing experiments on digital and analog circuits. The laboratory has a well qualified supporting staff.

Communication Engineering Laboratory

Communication laboratory of the Department has following sections.

- Analog Communication
- Digital Communication
- Microwave And Optical Communication
- Telematics
- Wireless & Mobile Communications

The Communication Laboratory has following equipments/trainers.

- CROs: Ranging from 20 MHz. to 100 MHz.
- Lab volt complete kit for digital and analog communication.
- Various kits and discrete components for performing experiments on analog and digital communication
- ISDN trainer kit
- Bench Mark Optical Communication Kit
- Microwave Bench
- IC Tester
- Microprocessor Kits
- Spectrum Analyzer
- High Frequency Oscilloscope
- High Frequency Radio Freq. Generator

The laboratory also has following facilities for computational aspects:

- 10 No. of Pentium PCs
- MAT Lab Software
- Electronic Workbench Software
- ICAP4 Simulation software package

All these computing machines are networked through the college backbone network and have the access over the internet.

Computer Architecture Laboratory

The Computer Architecture laboratory of the department is fully air-conditioned with ten Pentium PCs and different types of software packages.

Digital Systems Laboratory

Digital System laboratory is one of the well-equipped advanced electronic laboratory with following basic and advanced equipments:

- CROs
- Function Generators
- Digital IC Testers
- Microprocessor Trainer kits and different interfacing components
- Micro Controller Trainer Kits.

PCB Laboratory

Printed Circuit Board laboratory is equipped with basic PCB design package like Protel. Students learn the design and fabrication of PCB through this laboratory.

Besides this as a part of advanced learning and for industrial consultancies there is a section of PCB laboratory in the Department. This section is equipped with PCB prototype machine LPKF 93S along with softwares.

Project Laboratory

Project laboratory of the Department provides basic facilities in terms of components and other equipments for performing project.

VLSI Laboratory

The lab has:

- 10 No. of computers.
- Active HDL/Verilog Complete set.
- FPGA Kits.
- PCB Design Software.

Signal Processing Laboratory

This laboratory is having various signal processing kits along with the softwares for performing experiments in

- Digital signal Processing
- Analog signal Processing
- Image Processing



Laboratories

Graphics Lab
Mechanical Engineering Lab
Workshop
Material Science & Material Testing Lab
Automobile Engineering Lab
Applied Thermodynamics Lab
Measurement & Metrology Lab
Manufacturing Science-I Lab
Dynamics of Machine Lab
Heat & Mass Transfer Lab
Manufacturing Science-II Lab
Refrigeration & Air Conditioning Lab
Fluid Mechanics Lab
Machine Design Lab
CAD/CAM Lab



MECHANICAL ENGINEERING

Mechanical Engineering is a discipline that involves the application of principle of physics for analysis, design, manufacturing, installation, operation and maintenance of systems. Mechanical Engineering deals with analysis, design, manufacturing, installation, operation and maintenance of industrial systems. The Mechanical Engineering Department is dedicated to provide high quality engineering education to all aspirants as per the university specifications and industrial requirements.

The Department is well-equipped with a separate workshop with an area of 1200 sq. m. The Department has fluid mechanics laboratory, material science and testing laboratory (Destructive as well as Non-Destructive Testing), Computer Aided Machine Drawing and Drafting Laboratory, Machine Design Laboratory, Kinematics of Machine Laboratory, Heat and Mass Transfer Laboratory, Modern RAC Laboratory and Automobile Laboratory to meet the requirements of B.Tech program as well as latest development in the global industrial world. Apart from the state of the art laboratories, air-cooled lecture rooms, sectional/working models of different type of boilers, locomotive boilers, steam engines, turbines, petrol and diesel engines, refrigerators and air-conditioner models are also displayed in the laboratories to give a fundamental concept of their three-dimensional view and working principles.

Mechanical workshop has different shops, namely fitting shop, carpentry shop, machine shop, sheet-metal shop, forging and smithy shop and welding shop etc. The workshop practices provide the students the basic knowledge of manufacturing process and the facilities for fabrication of projects. A Separate drawing hall is also provided with proper facilities to practice and enhance skills in engineering drawing.



Laboratories

- Fluid Mech. Lab
- Building Materials Lab
- Surveying Lab
- Building Planning & Drawing Lab
- Structural Analysis Lab
- Geoinformatics Lab
- Hydraulics & Machine Lab
- CBSNT Lab
- Geotechnical Engg. Lab
- Transportation Lab
- CAD Lab -1
- Quantity Surveying & Estimation
- CAD Lab - 2
- Environmental Lab
- Structural Detailing Lab



An important part of entering the **world of higher education** is learning how to live away from home. Moving to a new town or city and making friends is **an exciting but daunting prospect** for anyone—especially if you’ve never done it before.

CIVIL ENGINEERING

The Civil Engineering programme is designed to develop knowledgeable and creative Engineers with strong capabilities for innovation and management. Graduates have a wide variety of employment opportunities in both the private and public sectors. Civil engineering is a professional engineering discipline that deals with the construction and design of public and private sector works such as bridges, roads, dams, canals and buildings. It is traditionally broken into several sub-disciplines such as environmental engineering, geotechnical engineering, structural engineering, transportation engineering, water resources engineering, construction engineering and geomatics engineering.

The newly upcoming Civil Engineering department has been planned on modern lines with state-of-the-art facilities to be utilized for research and consultancy in addition to the training of students. The department is well set to provide excellent Civil Engineering graduate well trained in all aspects of civil engineering and adequately prepared to be acceptable globally. Ultra modern laboratories which can be recognized as a nodal center for material and site testing are being developed. Fluid Mechanics & Hydraulics laboratory, Material testing, Basic and Advanced survey laboratories called as Geo Informatics laboratory, Structural Mechanics laboratory have already been established and are fully operational along with Geotechnical and Soil Mechanics laboratory, Concrete laboratory, Structural Engineering detailing laboratory, Highway and Transportation Engineering lab, Environmental Engineering Lab and CAD labs are in the process of being setup.

Modern soft ware like MATLAB, M.S. Project, SCADD, PRIMAVERA, STAAD PRO III, AUTOCAD, Auto CAD Alternate, PRD ENGINEER, GIS, RITE have been acquired for CAD laboratories so that students can match their talents with those graduating from other centers of excellence.



AUTOMOBILE ENGINEERING



Automobile engineering is indeed a sub branch of mechanical engineering. Automobile engineering is an applied science that includes elements of Mechanical engineering, Electrical engineering, Electronic Engineering, Software Engineering and Safety engineering as applied to the design, manufacture and operation of automobiles, buses and trucks and their respective engineering subsystems.

Modern automotive industries need experts in vehicle design and manufacture. With this in mind, the Department of Automobile Engineering was established in 2012 to train students in the area of automotive engineering.

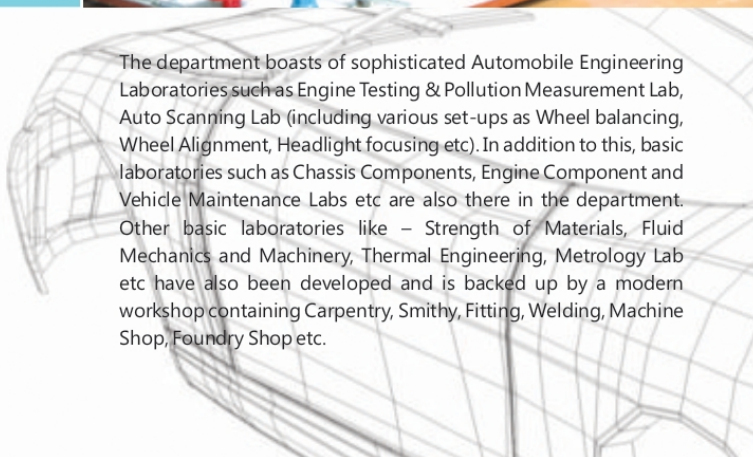
The objective of the B.Tech. program in Automobile Engineering is to broad exposure in the design, development and testing of automobiles. Furthermore, the program trains students to meet the technological challenges and diverse needs of the industry and society in various areas of automobile engineering and equips them to excel in a truly competitive industry.

The department has a team of highly qualified, dedicated and experienced teachers. Research activities are in progress in the areas of alternative fuels, vehicle dynamics and new trends in engine design.

With the opening up of R&D and manufacturing plants by global players in various parts of the country and the increase in demand for automotive experts in the domestic and international markets, graduates of automobile engineering have a bright future ahead.



The department boasts of sophisticated Automobile Engineering Laboratories such as Engine Testing & Pollution Measurement Lab, Auto Scanning Lab (including various set-ups as Wheel balancing, Wheel Alignment, Headlight focusing etc). In addition to this, basic laboratories such as Chassis Components, Engine Component and Vehicle Maintenance Labs etc are also there in the department. Other basic laboratories like – Strength of Materials, Fluid Mechanics and Machinery, Thermal Engineering, Metrology Lab etc have also been developed and is backed up by a modern workshop containing Carpentry, Smithy, Fitting, Welding, Machine Shop, Foundry Shop etc.



ELECTRICAL ENGINEERING

Electrical engineering is a field of engineering that generally deals with the study and application of electricity, electronics and electromagnetism. The field first became an identifiable occupation in the late nineteenth century after commercialization of the electric telegraph and electrical power supply. It now covers a range of subtopics including power, electronics, control systems, signal processing and telecommunications. There are equally good opportunities for jobs in electrical engineering industry and higher education. There is lot of multidisciplinary research for developing electric vehicles with great funding and scope all over there world. On the same time good opportunities back home in industry.



The department is backed up by highly efficient Laboratories encompassing the following practical domains:

Electrical Machines Lab, Electrical Measurements Lab, Control Systems Lab., Design & Simulation Lab., Power Systems Lab., Power Electronic & Drives Lab. etc.

The laboratories also boast of state of the art Equipments & contemporary software tools like MATLAB, PSPICE, PSCAD/EMTDC, PSIM etc. The students are exposed to the best experimental practices under expert guidance from faculty members & laboratory staff.

MAJOR LABORATORY EQUIPMENTS

- 100 KV Power Frequency HV Transformer
- 150KV Impulse Generator
- Reactive Power Compensation Unit
- dSpace system with MATLAB, SIMULINK & RTW
- 3-Zone Distance Relay and over current relay
- 3-Phase Secondary Injection kit
- SCADA system for NITW distribution system
- Multi-parameter meter with LAN & DSA Software
- GPS Unit and ARCPAD Software
- TMS 2407 and TMS 2812 starter kits
- TMS 2812 evaluation modules
- Transmission line system with Reactive compensation
- Fuzzy logic and Servo Trainer kits
- Artificial Transmission Line Units
- IGBT Converter Modules
- DSP Controlled Drives
- SCR Bridge converter
- DC Power Supplies
- High Power DC power supplies
- MAJOR SOFTWARE
- PROTEUS VSM
- NISA-EMAG
- SPARD MP
- PSCAS/EMTDC
- CASPOC
- EDSA
- PSIM
- PSPICE
- POWER WORLD
- MATLAB & SIMULINK
- AUTOGRID PRO



Teaching Pedagogy

- Model Presentations
- Group Discussions
- LIVE Projects
- On-line Interactions
- Research Projects
- Seminars & PDPs
- Paper Presentations
- Panel Discussions
- Workshops
- Situational Exercises
- Industrial Visits
- Case Analysis
- Quizzes & Syndication



MANAGEMENT STUDIES

Specialization in MBA

Human Resource Management (HRM)

Marketing

Finance

Information Technology (IT)

International Business

The MBA programme is an integrated course, which not only aims to impart academic knowledge with contemporary curriculum of global relevance but also develop students holistically in every sphere of professional as well as personal life. The main thrust of the department is to demonstrate a critical, ethical and reflective approach to the field of management. The emphasis is to expose the students to scenarios that demand structuring of unstructured problems and in turn help them in analytical and decision making skills so as to equip them to lead complex organizations, in a cross-continental environment.

The Management programme adheres to rigorous and intensive integrated teaching methods to prepare the students to take up business and managerial positions in any environment. The main focus is on the combination of core business subjects and soft skill courses that lead to total personality development of the students.

Course Objectives

The course aims at preparing students to face the complex and dynamic business environment and develop necessary analytical and problem solving skills to run business smoothly.

The course focus on the following dynamics:

- Interpersonal and Communication competencies
- Commitment to ethical and legal business practices
- Leadership and team building qualities
- Capabilities to anticipate and manage change through practical business exposure
- Ability to take decisions under dynamic and uncertain situations



Library

The Central Library is the knowledge hub of all academic activities. It has a remarkable contribution in making the institute a premiere education centre. Besides holding the best resources for the academic fraternity, the AIT library has an extensive collection of books, magazines, journals and DVDs for the students, faculty and staff.

Aryan maintains an archive of intellectual capital indigenously created in the institute. In its endeavor to share the knowledge, the library provides access to:

- Research reports by faculty
- Working papers by faculty and academic associates
- Projects, articles and cases done by students/faculty
- Reports on various national/international forums
- Lectures delivered by eminent visitors

Accommodation

The good and comfortable life is always inspired by its surroundings. After a day's hard work every one needs is a comfortable place which could refresh one's energy and create an ambience which promotes positive attitude. The "peace rules the day where reason rules the minds". Keeping this in view the accommodation provided at AIT is suitable where one lives together and is still independent to work.

- We at Aryan provide separate accommodation facilities for boys and girls having 150 rooms for each on twin sharing basis.
- Aryan provides accommodation of outstanding quality, keeping this in view in mind the preferences and interests of students coming from diverse background of culture and values.
- The rooms are spacious, hygienic with proper ventilation and fully furnished for comfortable living.
- The accommodation offers a unique experience of community living. The hostels are well equipped with 24 hours power and water supply, water coolers, recreational facilities like T.V. and indoor games, such as table tennis, gymnasium, chess, carom etc.
- The hostel has Wi-Fi computer network.
- 24x7 medical assistance is available.

Dining Facilities

We at Aryan keep a close watch on the health of our students. Therefore the mess facilities provide hygienic, healthy and quality food to the students and the faculty members on subsidized charges. Mess is well managed by quality manpower and has ample resources to provide variety of vegetarian meals and snacks. The direct supervision of the Mess Committee comprising of faculty and student representatives ensures the smooth functioning of the mess. Besides, proper meal arrangements the students can also watch television and catch the day's happening on news channels or watch some informative programs for updating their general knowledge and understanding of the world.





INFRASTRUCTURE



Recreational Facilities

Other facilities at Aryan include meditation and yoga sessions, indoor and outdoor game facilities to improve the intellectual strength and confidence among the students.

Transport

A fleet of buses ply between college and various locations of Ghaziabad and Noida to pick and drop the students and faculty.

Cafeteria

College have big spacious cafeteria. Fresh and nutritious meals are available for the students. Snacks and refreshments are also served to the students.

Auditorium & Seminar Hall

There is an air-conditioned seminar hall with latest state-of-the-art audio/ video facilities and ample seating capacity where regular seminars and workshops are held to upgrade the knowledge and talent of the students.

Medical Facility

Annual health checkup camps are regularly organized in the campus to examine the health of all students. At these camps students are made aware of health related issues. Acquisition of this knowledge empowers students to pursue a healthy life.

Cultural Club

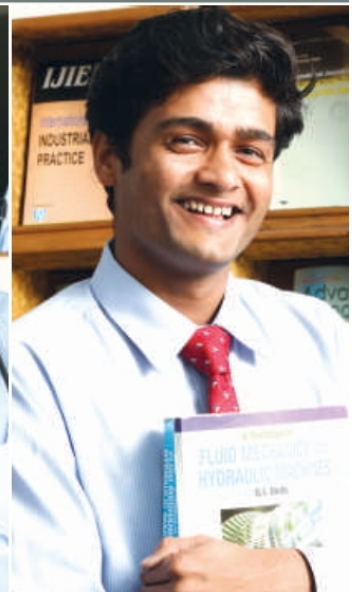
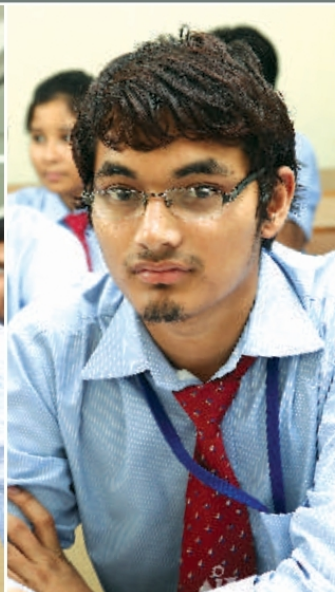
The Aryan provide opportunities to students to reveal their diverse talents, creative skills and organizational capabilities by encouraging participation in activities which include cultural festivals, quiz contests, debates, elocution, student magazine, event management, sports etc. Aryan students have won top positions/prizes in competitions held at various other institutions.

Science Club

AIT Science Club provides ample practical experience and facilitate to the students to practically verify what all they have learned.



PDP



PERSONALITY DEVELOPMENT PROGRAMME

The PDP improves the soft skills of the students which enhance their employability. PDP focuses on overall development and grooming of the students. Through this programme we prepare our students to face every challenge confidently with positive frame of mind.

Live-Projects

We foster career building by providing excellent opportunities that demand learning, thinking and innovation. AIT offers an exceptional workplace with opportunities for Live Projects which enhances the practical knowledge of the students.

Cell Placement

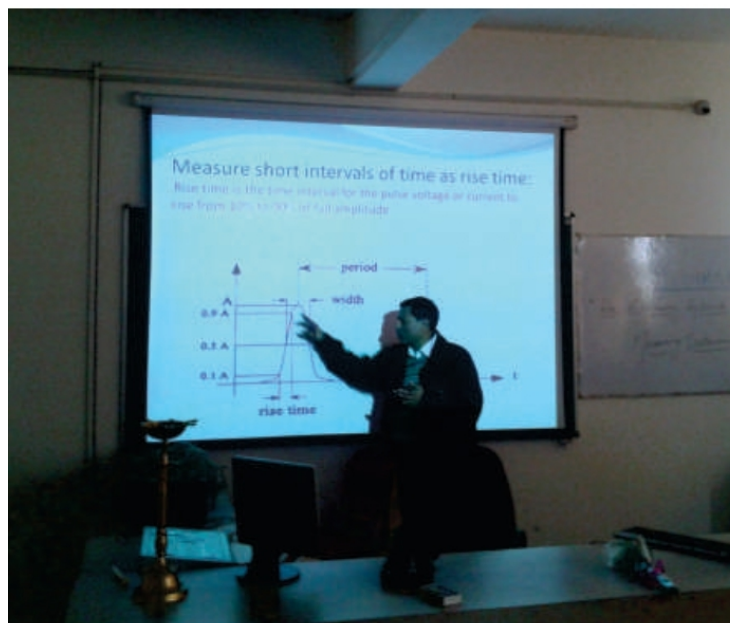
Industry Institution Interaction Cell (III-Cell) is established to provide close links with industries. The purpose of the cell is to find out the gap between the needs of the industry and end product of the institute. The cell works as a bridge between the industry, the real world and the institute. One of the objectives of the cell is also to offer programmes fulfilling the needs of continuing education of the industrial personnel.

We believe in developing programmes, which provides solutions to real world problems with a strong desire of forging innovative alliance with industry to achieve synergy. III-Cell imparts benefits to all components like students, faculty, institute and industry by interacting closely with the industries. Students are exposed to the real world and learn the needs of their future career. Industry exposure of faculty is very much helpful to guide students about latest industrial practices.

Industries are able to know recent developments and inventions in their fields and implement projects for technologically driven economy.



placement
CELL



GUEST SPEAKERS

Mr. Ambuj Pandey

Technical Architect
Accentures Bangalore

Mr. Rahul Gupta

Project Manager
HCL

Mr. Ashish Aggarwal

Head Performance Bench Marking
ION Trading

Ms. Manmeet Kaur

Technical Head
WNS

Mr. Nitin Manohar

Lead Engineer
CIENA India Pvt. Ltd.

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GLENCORE, Switzerland

Mr. Vikram Bishnoi

Project Manager
HP, USA

Mr. Vikas Mittal

Project Manager (DBA)
Sapient

Mr. Surendra Sharma

Project Manager
Oracle Corporation

Mr. Amit Kumar

Project Manager
Orange

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Zonal Manager
Vodafone

Mr. Rahul Rana

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Gurgaon, India

Mr. Subhojyoti Majumdar

Project Manager(Reporting Specialist)
Nokia-Siemens Networks Pvt. Ltd.
Noida India

OUR RECRUITERS



- ABB Limited
- Accentures Services Limited
- Alcatel Lucent India
- Alstom Ltd.
- Ansal
- Applied Electromagnetic
- Bajaj Hindustan Limited
- Bharat Electronics
- Bharat Pumps & Comp. Ltd.
- BHEL
- Birla Soft
- BSNL
- C-DAC
- Cipla Limited
- Convergys
- Data Infosys Ltd.
- DRDO
- DLF
- DS Foods
- Ester India Ltd.
- Eastern Engineering College, Nepal
- Escorts Construction Equipment Ltd.
- EXL Services
- G.E. Capital
- Gabriel India
- HAL
- HCL Info Systems
- HCL Perot Systems
- HCL Technology
- HDFC Bank
- HFCL
- Hindalco Industries
- Havell's India Ltd.
- HVAC System Pvt.Ltd.
- Honeywell Softwar
- Hotline Wiltline D. Devices Ltd.
- HSBC
- Hughes Escorts Communication Ltd.
- IFFCO
- ICICI Bank
- Indiamart Internesh Limited
- Indian Railways
- Indian Telephone Industries
- Infosys
- Innodata Company Ltd.
- Inure
- IOC
- IPCA Labs
- IT Brain Shapers
- Jaypee Cements Ltd.
- Jindal Iron & Steel Co.
- Kajaria Plus Ltd.
- Kelvika Control
- Kotak Securities
- Kothari Infotech
- L.H. Sugar Factories
- Larsen & Turbo
- LG Electronics Limited
- LML Ltd.
- Mahindra British Telecom
- Mahagun
- Mahindra & Mahindra
- Medishare
- Microland
- Modi Xerox
- MTNL
- Mphasis
- My Info Services Pvt. Ltd.
- Neon Laboratories
- Network (Programs) India Ltd
- Newgen Software Technologies
- New Generation Application
- NIIT
- NTPC
- Nucleus Software Exports Ltd.
- ONGC
- Onida
- Oswal Chemical & Fertilizers Ltd.
- Panacea Biotech
- Phillips India Ltd.
- Pipe Support (U.K.)
- Polyplex Corporation
- Pfizer
- Punjab Information & Tech. Ltd.
- Romee Resources
- Rounak Automotive Component Ltd.
- Reliance Infocom
- Rockwell Automation
- Sahara India
- Samsung India
- Samtel Colour Ltd.
- Sapient Corporation
- Satyam
- Scooter India Ltd.
- Shri Ram Piston & Rings
- Spice Systems Ltd.
- STG
- Syntel
- TAFE Tractors
- Tata Consultancy Services
- Times of India
- Usha India
- Unitech
- V-Customer



PLACEMENTS ACTIVITIES

Industry Institution Interaction Cell [III-Cell] is headed by a full time Training & Placement Officer with the requisite staff. It is supported by branch coordinators working under the guidance of Director and in association with respective Heads of the Departments. III-Cell facilitates student visits to industries, industrial training, expert lectures, project placement, campus interviews, training of faculties and professionals.

Some of the major functional areas are as under

Campus Placements

Campus interviews are organized by inviting various companies for the placements of the students for jobs. It fulfills dual purposes,

- Students securing their future career
- Industry securing the best fresh talents available in the region.

Industry Meet

III-Cell organizes industrial meet at the institute. Two such meets were organized by the III-CELL. Both the meets proved fruitful for the students, faculty and the industry personnel. Future plans for next meet will be announced shortly.

Industries involvement in course curriculum design

In various academic bodies, there is adequate representation of industry expert which makes the curriculum rich and relevant to industries

Expert Lectures

III-Cell organizes expert lecture series during seminar or at the department level in coordination with student organizations. Such lectures familiarize the students and the faculty with the state - of - art industry practices and their correlation with the textbook material.

Continuing Education Program

Institute has enough expertise to arrange continuing education programmes for person working in industry. It is one of the regular feature of the institute.

Industrial Training for the Students

Training is the integral part of the study to acknowledge them for real world problems. Students are placed at various industries for 6 to 8 weeks and under supervision and guidance of respective industry personnel. The faculty carries out monitoring and evaluation regularly.

Industrial Visit-Study Tour

In each semester, industry visits of the students with faculty members are organized to the relevant industries at various locations. It serves the objective of exposure to large-scale practical applications of theoretical aspects for the students.

Student Projects

Students prepare the projects reflecting the needs and problems of the industry. Institute faculty interacts with industry personnel for successful implementation of such projects.

Training for the Faculty

Faculty is deputed to the industry to gain first hand experience on industrial plants and processes. This exposure enhances the teaching capability of the faculty and allows them to enrich their classroom delivery.

Career Orientation Programmes

Programmes to orient students about industry expectations are organized. Additional seminars are undertaken by the students in each semester to improve learning in the areas like Literature Survey, Personality Development, Group Discussion and Presentation Skills. Moreover, opportunities of Technologies for communication skills enhancement are also provided.



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Approved by AICTE, Affiliated to Dr. A.P.J. Abdul Kalam Technical University & Board of Technical Education (BTE), Lucknow, NCVT & QCI, New Delhi

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