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ANSAL INSTITUTE
OF TECHNOLOGY & MANAGEMENT

LUCKNOW



Ansal Institute of Technology & Management Lucknow

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Memorable moments
@AITM, Lucknow



Foreign students at AITM, Lucknow

Students from France studying at AITM for Spring Semester 2013



The students and the teachers are as friendly as we can imagine. The food is simple but good and the hostel is close to the campus which is equipped with table tennis, basket-ball and volley-ball field. Besides, the administration is very flexible and will make everything to solve our eventual issue. Our slogan : no problem is unsolvable.

Antoine de Montalivet
Paris,
France



Everybody is very helpful in the institute, we can always find help and resolve everything, every trouble. There is a good atmosphere in Ansal Institute, it seems like we are going to have a great time here thanks to the teachers, the students, and everybody who is working in the school.

Pauline Grosjean
Normandy Business School,
France



I came to Ansal Institute just a few days ago and I am already surprised by the warm welcome we are receiving. The school is great, the teachers are very nice, the students too. I don't speak and understand English very well so the classes are a bit difficult for me, but I'm sure, it will be better in few weeks.

Samuel Murthen
Le Bouscat,
France



All the people I have met since the beginning of our arrival on the campus makes me feel good and I can integrate me in the best condition with the other students. In addition, the campus is very nice and I am fully satisfied to be in the institute. And I am sure that I will enjoy this semester.

Nils Ramstein
St. Romain De Jalionas,
France

Message From Hon'ble Vice Chancellor



from the desk of
Vice Chancellor, UPTU-Lucknow

It is a matter of great pleasure and honour for me to write this message to be included in the brochure being published by Ansal Technical Campus, Lucknow for the benefit of the new entrants to the University. It is heartening to note that the management of this Institute has made concerted efforts to provide all necessary information and inputs to the new entrants so that they can take decisions for their higher studies.

Ansal Technical Campus has been one of the leading institutions of UPTU registering a steady growth both in terms of qualitative and quantitative. The infrastructure built by the management of the Institute is at par with set standards of any of the top technical institutions of the country. The faculty employed in the Institute has been serving with complete determination for the growth of the youth admitted in the Institute. Besides the minimum essential facilities for practicals and technical training of the students, the management in the Institute have also initiated setting up of State Innovation Council “Tod Fod Jod Centre”. This way, the students will have an opportunity to build capability of problem solving. I am hopeful that all these initiatives will help students acquire desired skills and problem solving capabilities which will ultimately help them get proper placement in the industry. I am pleased to record here that the management of the Institute has created an eco-system conducive for overall development of standards of technical education in UPTU.

While facilitating them for their efforts, I wish good luck to the new entrants in the college.

With regards,

(Prof. R.K. Khandal)
Vice Chancellor

About Chairman



from the desk of
Sushil Ansal, Chairman

Mr. Sushil Ansal is the Chairman of Ansal API, one of India's leading real estate infrastructure conglomerates. He is also a philanthropist and public-spirited citizen of renown. Regarded as one of the doyens of the real estate development business in India, Ansal was primarily responsible, in the early 1970s, for changing the skyline of downtown Delhi and converting the Connaught Place area into a contemporary central business district, with the capital's first high rise buildings.

Since then, it has been a long journey. Ansal's projects have taken him across India and the world. The Ansal signature is visible as far apart as Palam Vihar in Gurgaon and St Petersburg in Russia. As part of a small group of business leaders who urged the government to open up the real estate sector, he has contributed to the regulatory transformation that has underpinned a series of privately built townships (many of them bearing the Ansal name) and given the national capital region and neighbouring states an array of modern urban spaces, creating millions of first generation home owners.

Mr. Ansal is now incubating two hi-tech townships one in Lucknow and the other adjoining Noida that he promises will remain state of the art, even in the closing years of the twenty first century.

Amidst the excitement of building a career, a company and, indeed, an industry, Mr. Ansal has never forgotten his roots and his social calling. Born into a middle-class home and to a remarkable father who combined Gandhian austerity with entrepreneurial zeal - giving up in the 1940s, a secure government job to set out on his own - Ansal has been true to this ethos. From its native village in Punjab to its beloved city of Delhi, the Ansal family has made a tradition of giving back. Sushil Ansal sees this as the most important part of his legacy, one that will occupy him for the rest of his days.

About Executive Director



from the desk of
Prof. M.P. Singh, Executive Director

- Fulbright Scholar and studied in the USA, he received his PhD from University of Maryland. Prof. Singh worked in Ivy league college (Cornell University) for one and half years followed by one year stint at NASA
- Founding faculty member of IIT, Delhi. He retired from IIT Delhi, where he had served as a Professor concurrently in the Department of Mathematics, Centre for Atmospheric Science and Centre for Biomedical Engineering.
- Fellow of the Indian National Science Academy, Delhi and Fellow of the National Academy of Sciences, Allahabad.
- He was given the 4th Dr. Y.S. Parmar Gold Medal and Orator Award, 1984.
- Prof. Singh was conferred "Distinguished Service Award" by IIT, Delhi in 2010.
- Awarded for "Leadership and Global Educator" in 2010 by Hope Medical Institute, USA along with The Medical University of Lublin and The Medical University of Silesia, Europe in recognition of several decades of contribution in the field of Biomedical Engineering and Atmospheric Sciences.
- Awarded the prestigious Knight of the Order of Academic Palms in 2009 by the French Prime Minister for his exceptional contribution in education.

Prof. M.P. Singh, founding Director, Ansal Institute of Technology, Gurgaon and currently Executive Director, Ansal Institute of Technology and Management. Before joining Ansal Institute, Gurgaon, he held a Senior Faculty position in the USA.

He has played a trail-blazing role in developing multidisciplinary programs in the country. He represented India in the scientific delegation to the then Soviet Union in 1988 and in the Indo-US Sub-commission on Science and Technology in 1985 and 1987. He was a member of the Indian delegation to attend the prestigious Science and Technology initiative meet in 1983, the so-called Blue Ribbon Panel on Meteorology set up by the then Indian Prime Minister, Mrs. Indira Gandhi and then USA President, Mr. Ronald Reagan. He was a member of ICSU International Committee for the International Decade for Natural Disaster Reduction during 1990-1992. He has supervised 27 students for the award of PhD Degree. In addition, he has directed several international conferences and workshops on topics related to Environment in India, Italy and Brunei. He has published about 100 research papers in journals of International repute

He has written a book with Professor Sethu Raman titled Dynamics of Atmospheric Flow published under the 'Advances in Fluid Mechanics Series, UK'. He had been on the Editorial Board of the journals - Atmospheric Environment (1988-1994); Non-linear World (1992 - 1996) and Advances in Fluid Mechanics Series under the aegis of Computation Mechanics Publications, UK (1994 - 1998). The prestigious journal, Pure and Applied Geophysics (PAGEOPH, a Switzerland based journal), has brought out a special edition in the form of two books entitled Weather and Climate: The M.P. Singh Volume I & II, in honour of Professor M.P. Singh with leading experts from all over the world as contributors. Recently, a 2-volume book entitled Air Quality, a PAGEOPH Topical Volume with Prof. Singh as one of the Guest editors of the prestigious publication by Birkhauser Verlag, Basel, Boston, Berlin, has appeared in early 2003. Prof. Singh was one of the Guest Editors of International Journal of Nanotechnology - 2009 issue (Vol. 6).

About Executive Director-Education



Dr. Ramesh Yadava,
from the desk of
Executive Director (Education)

Dr. Ramesh Yadava is Executive Director (Education) with Ansal API. He has over 40 years' experience of working with U.P. Govt. in various capacities.

Dr. Yadava did his M.Sc. in Entomology from Agra University. He then went to Canada where he did his Ph.D in Environmental Biology and then did two years of Post-Doctoral research in University of Guelph, Ontario. Later he join the Indian Administrative Service (IAS) and served U.P. Govt. as district Magistrate, Divisional Commissioner, Managing Director, U.P. Agro Industries Corporation, Managing Director, U.P. State Road Transport Corporation, Secretary (Agriculture), Secretary (Tourism), Secretary (Medical Education) and Principal Secretary (Housing and Urban Planning).

His last assignment with the U.P. Govt. was as Vice-Chairman, U.P. Khadi and Village Industries Board. In addition he also served for five years as Member, Khadi and Village Industries Commission, Govt. of India, Ministry of Small and Medium Enterprises.

Dr. Yadava joined Ansal API in August, 2007 as Executive Director (Operations) and was responsible for implementing Sushant Golf-City-a 6465 acre Hi-Tech Township at Lucknow, which is now the largest in the country. He worked in this capacity till August, 2013.

About Director



from the desk of
Prof. H.S. Saxena, Director

Prof. Saxena joined Ansal Institute of Technology in the year 2000. At Ansal Institute, Prof. Saxena has been working, as Professor and Dy. Director, for the development of the Institute in all fields encompassing academics & administration. Prof. Saxena became Principal of AIT in 2008, and played key role in the development of AIT, Gurgaon. He was awarded Best Faculty of the Year.

Prof. Saxena has been Life Member of Indian Academy of Mathematics (Indore chapter). He is also the Life Member of Indian Society of Theoretical and Applied Mechanics. He is a member, Board of Management, Ansal University, Gurgaon. He is also a member of, Academic Council, GB Technical University, Lucknow.

Prof Saxena has vast experience of teaching, research and administration. After thundering success in running professional courses at Ansal Institute of Technology (AIT), Gurgaon which is acknowledged all over the world, Ansals have now established Ansal Institute of Technology & Management (AITM) at Sushant Golf City, Lucknow. The institute has been set up under the supervision of Prof. M.P. Singh as its Executive Director. He was the founding Director of AIT, Gurgaon. The institute is sponsored by the Sushil Ansal Foundation as its flagship venture.

Prof. H. S. Saxena is the Director of the institute. Prof. Saxena completed his M.Sc. (Mathematics) with specialization in Theory of Elasticity and Electricity and Magnetism in First Division in 1970 from Agra University. He was awarded Junior Research Fellowship for conducting research work in Mathematics leading to the award of Ph.D. Degree from Indian Institute of Technology (IIT), Bombay.

During the period of his research work for the Ph.D. Degree, Prof. Saxena worked on various types of Inclusion Problems in the Theory of Elasticity of Anisotropic bodies. Prof. Saxena was awarded Senior Research Fellowship and Post-Doctoral Fellowship from Council of Scientific & Industrial Research (CSIR), Delhi to work on some crack problems in Isotropic & Anisotropic Elasticity at Maulana Azad College of Technology (MACT), Bhopal.

Prof. Saxena worked on various Faculty positions at the Rivers State University of Science & Technology, Port Harcourt, Nigeria for several years. He has visited several countries around the world and worked as Visiting Professor in the Department of Mathematics & Statistics, University of Calgary, Alberta, Canada. During this period, Prof. Saxena taught Mathematics courses and published several research papers on various types of crack problems in Isotropic, Anisotropic and Magneto-Thermo Elasticity. Other areas of his interest are Integral Transforms, Operations Research, Numerical Techniques, Simulation and Modelling. He has published 23 research papers in international journals of repute.

In 1991, Prof. Saxena joined Devi Ahilya University, Indore. There, he worked in various dimensions for developing a new self-financing University Teaching Department as International Institute of Professional Studies (IIPS) offering integrated programs in Management & Computer Applications. He was founding Assistant Director of International Institute of Professional Studies, Devi Ahilya University, Indore. Prof. Saxena completed his MBA from Devi Ahilya University, Indore.

About Executive Dean



Prof. Anirban Das
Executive Dean

from the desk of

Prof. Anirban Das is an experienced Project Manager and Architect, he has supervised number of projects in Indian Defence in the field of Robotics and Computer Vision. His expertise is in Process development in Product Development Life Cycle, and Project Tracking & Monitoring. His leadership and staff management abilities lead high-performing and goal-oriented teams in organization.

His research interest includes Image processing, Computer Vision, Medical Imaging, Pattern Recognition, Biometric Authentication, Artificial Intelligence and Pedagogical Learning. He had developed couple of new products in various areas – Driver State Monitoring System (Embedded Image processing for automotive industry), Mammographic Breast Cancer Detection System (Medical Image processing for Healthcare) and Pedagogical agent based learning system (Artificial Intelligence for Higher Education).

Prof. Anirban Das is Executive Dean at Ansal Institute of Technology & Management and Innovation & Technology Center at AITM. He has vast experience in product development in industry as well as he spent a decade in Academics as Professor and Head of Engineering. His right blend of experience in Industry and Academia helps in nurturing the engineering students.

Prof. Anirban Das is Founding Director of a R&D company “Knowlez Flow Pvt. Ltd” at New Delhi. Previously he worked as Chief Technical Officer (CTO) for a Medical imaging company, Telesto Diagnostics in Malaysia. He developed a patented product for Breast Cancer Detection system from mammography at Telesto Diagnostics. He was Principal Scientist of a robotics company, Hi Tech Robotics Systemz Ltd and also worked as Technical Architect with R Systems International Ltd.

He worked on academics at various faculty positions and as administrator. He taught engineering courses at Ansal Institute of Technology, Gurgaon, Jawaharlal Nehru University, New Delhi, Jamia Millia Islamia University, New Delhi.

Prof. Anirban Das received M.Tech in Computer Science and Engineering from IIT Delhi and PhD degree in Computer Science from Jamia Millia Islamia University, New Delhi. “He has published several research papers in reputed journals.”



Vision



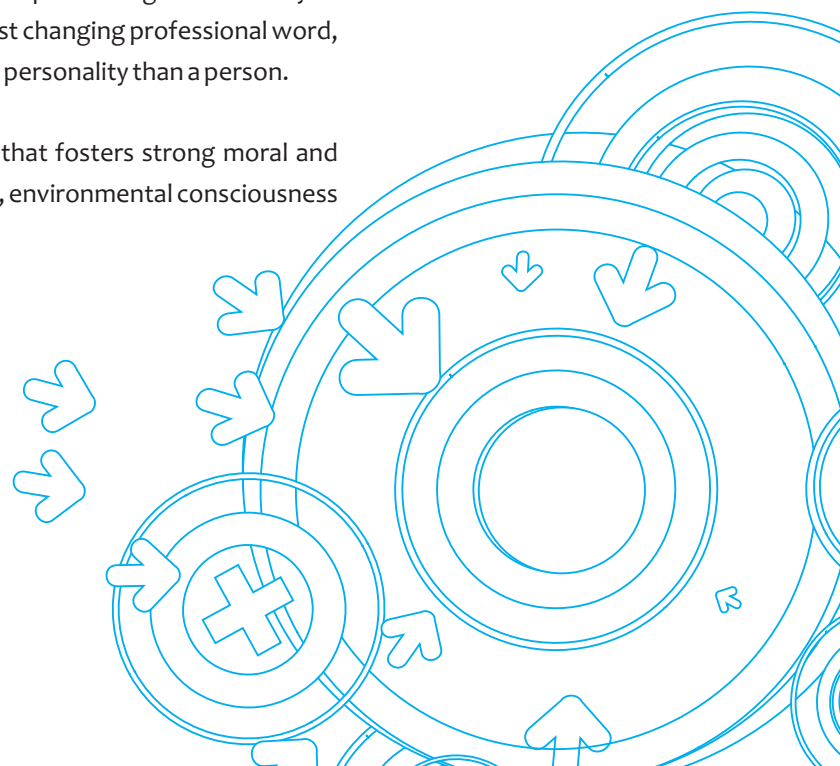
To offer global education and excel in Engineering, Management, Architecture, Medical, Nursing along with other professional and allied courses, and to have the network of international collaboration.

Mission



To move ahead from the conventional way of education to a style that brings out the potential of young minds and develop a spirit of inquisitive questioning and an ability to excel in the pressure of a fast changing professional world, and a craving to grow into a personality than a person.

To create an environment that fosters strong moral and ethical values, cooperation, environmental consciousness and community services.



Board of *governors* (Ansal Technical Campus)

Mr. Sushil Ansal

Chairman
Chairman, Ansal API & SAF

Mr. Pranav Ansal

Member
Vice-Chairman, Ansal API

Mr. Atul Gupta

Member
Former Chief Secretary, Government of U.P.

Mr. Jayant Krishna

Member
Principal Consultant, TCS, Lucknow

Mr. Kumar Lalit

Member
General Manager, Tata Motors, Lucknow

Prof. M.P. Singh

Nominee of SAF
Executive Director, ATC, Lucknow

Prof. C S Nagpal

Member
Vice-Chancellor, Ansal University, Gurgaon

Prof. M.S. Sodha

Member
Ex- Vice Chancellor, Indore, Lucknow and Bhopal Universities

Dr. Ramesh Yadava

Nominee of Chairman
Executive Director (Education), Ansal API, Lucknow

RO AICTE

Ex-Officio Member
Nominee of AICTE

Nominee of Technical Education

Deptt. Ex-Officio Member
Nominee of Department of Technical Education, Govt. of U.P.

Nominee of UPTU

Ex-Officio Member
Nominee of UPTU, Lucknow

Prof. Anirban Das

Member
Professor & Executive Dean, ATC Lucknow

Prof. H.S. Saxena

Member
Secretary Director, ATC Lucknow

Prof. S.K. Dubey

Member
Professor & Dean Admin, ATC, Lucknow



Board of **governors** (Ansal School of Architecture)

Mr. Sushil Ansal

Chairman
Chairman, Ansal API & SAF

Mr. Pranav Ansal

Member
Vice-Chairman, Ansal API

Prof. Jagbir Singh

Member
Dean, Faculty of Architecture, UPTU, Lucknow & UPTU Nominee

Prof. M.P. Singh

Nominee of SAF
Executive Director, ATC, Lucknow

Dr. Rupinder Singh

Member
Dean, School of Architecture, Ansal University, Gurgaon

Mr. N.R. Verma

Member
Chief Town & Country Planner, Govt. of U.P., Lucknow

CoA Nominee

Ex-Officio Member
Nominee of CoA

Prof. H.S. Saxena

Member
Director, ATC, Lucknow

Prof. Atul Setya

Member
Dean, Ansal School of Architecture



Background

Ansals have earned reputation in the Building and Real Estate industry. They are the first to build high-rise commercial buildings in the national capital region and the first mall of Delhi 'Ansal Plaza', a famous landmark of Delhi, bears the imprint of Ansal's excellence. They have also made their mark in Hospitality and Facilities Management along with building townships.

Ansals have been taking keen interest in the development of the educational programs as a part of societal obligations. They ventured into secondary education in the 80's under the aegis of Chiranjiv Charitable Trust (CCT) established in the 70's and were devoted to the cause of education. It ventured into tertiary education in 1989 and started the Sushant School of Art and Architecture (SSAA) in Gurgaon, considered a reputed Architecture institute in the country and has acquired International recognition. In the year 2000, Ansals established Ansal Institute of Technology in Gurgaon. Today, Ansal Group of Institutions is the leading provider of US based education in the country and the Gurgaon based educational setup has become a State University.

Ansals have now established Ansal Institute of Technology and Management sponsored by Sushil Ansal Foundation (SAF) at the prestigious Sushant Golf City, a state of the art township built by Ansals in Lucknow, situated approximately 15 minutes drive from the airport.



Place of *learning*



- World class campus on 14 Acre of land within Sushant Golf City along Lucknow-Sultanpur Highway and Amar Shahed path.
- Institute buses provide connectivity to various parts in Lucknow.
- Air-conditioned and Wi-Fi enabled Campus contain state-of-art laboratories, library, flood lit sports complex and other recreational facilities.
- Video conferencing facilities for lectures from overseas experts and professors.
- Prominent banks such as Axis Bank, Overseas Bank, Allahabad Bank and others provide loan facilities to students of Ansal Institute.
- Industrial experience through live projects under Innovation and Technology Center at AIMT.
- Experiences gained through learning complete life cycle of industrial project results in confirmed placements.
- Pedagogical Learning through an Artificial Intelligence agent based Intelligent Virtual tutor.
- Knowledge planner - A single platform where performance, evaluation & planning can be viewed & updated by students & faculties.
- Regular interactive sessions with industry leaders leading to extraordinary prospect of placement.
- Option: Overseas summer internship of students
- Visit by industry leaders for interactive discussions-vital for placement

Innovation & Technology Center

Green car

“Green Car” is an Engineering project of AITM, carried out by the students and faculties. Green car is an electric golf cart which is powered by solar energy. Students and faculty members are fully engaged in designing and developing this car, and it is a great learning for the students to have a hand-on experience working on a multidisciplinary engineering project.

Intelligent Security & Surveillance System

The project is on Video Analytics, a new technology that automatically detects the situation and alerts the concerned person without physical presence of any person to the monitor. Intelligent Security and Surveillance System uses Video Analytics and VMS, and it is becoming extremely essential for Building Security, Perimeter Protection, Safety, Asset Protection and Business prospects etc.

UGV-Unmanned Ground Vehicle

Unmanned ground vehicle (UGV) is a project on Robotics. The vehicle operates without an onboard human presence. UGVs can be used for many purposes where it may be inconvenient, dangerous, or impossible to have a human operator present. The vehicle will have a set of sensors to observe the environment, and will either autonomously make decisions about its behaviour or pass the information to a human operator at a different location who will control the vehicle through teleoperation.

Perimeter Protection for Security & Surveillance

Security and surveillance system is always a major concern. Presently the CCTV surveillance system records all footage and a person is required all the time to monitor all transmission on display screen. Video Analytics is the new technology which automatically detects the situation and alerts the concerned person. This does not require any physical presence of any person to monitor.

Perimeter protection is an intelligent security and surveillance system which uses video analytics to automatically detects a person who crosses the perimeter at day/night and buzz the alarm. This is a very cost effective solution to provide security of a house at night.

Green Car



Intelligent Security & Surveillance System



UGV- Unmanned Ground Vehicle



Unmanned Aerial Surveillance

An aerial vehicle, Quadcopter has been developed for surveillance. The quadcopter gets necessary thrust for uplift from four rotors at its four corners. It is tele-operated and a camera is mounted on the quadcopter for real time wireless surveillance.

Features

- Maximum height: 30 meter
- Average flight time: 15 minutes
- Continuous GPS location identification of quadcopter
- Remotely controlled
- Live video streaming of the aerial view from quadcopter on LCD screen at ground station
- Interface through computer and hand held device

Size	:	1m x 1m x 0.45m
Weight	:	2.5 kg
Lift	:	50 m
Range	:	200 m
Battery	:	Lithium Polymer 11.1 V
Motor	:	DC Brushless
Electronic Speed	:	
Controller	:	30A solid state
Hand Device	:	Joystick control

Humanoid Robot

A humanoid robot has been developed for the promotion of the Institute. The robot tells the asked information about the institute in voice. The robot is self driven and finds its path by itself.

Features

- Interactive robot: it tells about the asked feature of AITM, through touch-screen
- Self Driven: robot finds its own path
- Live video streaming of the view of robot on LCD projector at remote station

SIZE	:	5'X1.5'X1'
WEIGHT	:	10 KG
RANGE	:	200 M
BATTERY	:	LITHIUM POLYMER
MOTOR	:	DC GEARED
MOTOR	:	
CONTROLLER	:	30A SOLID STATE
SENSOR	:	ULTRASONIC
TOUCH SCREEN	:	TABLET
CODING	:	ANDROID PLATFORM

Unmanned Aerial Surveillance



Humanoid Robot



Industry *Interaction*



Indo-US sponsored workshop on ‘Supply Chain Management System’

An international workshop on ‘Supply Chain’ was sponsored and organized jointly by Ansal Technical Campus, Lucknow and Clemson University, USA on 23 March, 2013 in Delhi and a 2nd Industry– University Indo-US International Conference on Supply Chain Management on 21-22 February 2014. The objective of this Industry-University International Conference was to bring industry and academia on a platform to share their experiences and ideas. The focus of the conference was on challenges in construction, automotive and retail. The academicians updated the participants how educational institutions are supporting industry to navigate the supply chain challenges to ensure the sustainable growth in days to come. This conference was entirely funded by the Clemson University, USA.

The conference was attended by the distinguished heads of the reputed industries and academia.

From Industry: Flour Corporation, Fluor Daniel India Pvt Ltd, Foster Wheeler India Pvt. Ltd, Bechtel India Pvt Ltd, Sona Koyo, Indigo, Maruti Udyog Ltd, Petronet LNG, Indian Railways, ONGC, Advance Valves, EIL, McDonald, Capsugel, Lease Plan, IM.

From Academia: IIT Delhi, Delhi University, ITM Gurgaon, IMI New Delhi, IIM Lucknow

Industry Interaction

A workshop on “Network & Information Security: Emerging Challenges and Practices”

The objective of this workshop was to provide the basic principles of information/network security from the perspective of providing security awareness and its best practices for the real world applications. It aimed at increasing the state-of-the-art technologies for protection of network and network-accessible resources from different types of attacks. Furthermore, a handful of security tools were demonstrated to provide opportunities to the participants to update their knowledge and allow them to interact for further collaborative works.

This workshop was endorsed and supported by Prof. R K Khandal, Hon’ble Vice Chancellor of Uttar Pradesh Technical University. 80 faculty members from various reputed engineering institutes attended this 4-day workshop.

The distinguished speakers were:

- Prof. B N Jain, Vice Chancellor, BITS Pilani
- Prof. Ranjan Bose, Professor, IIT Delhi
- Prof. B Chandra, Professor, IIT Delhi
- Prof. Anirban Das, Professor, AIM Lucknow
- Mr. Sandeep Mahajan, Sr. Tech. Architect, RSIL
- Prof. Satish Chandra, Senior Principal, Noblis, Inc. USA
- Prof. Kehar Singh, Professor, IIT Delhi
- Prof. T Lahiri, Associate Professor, IIIT Allahabad
- Mr. Charanjeet Singh, Sr. Manager, HCL



Building Personalities



The hallmark of the Institute is to focus on interaction with the industries. Regular interaction with industry leaders is a special feature of the Institute, which exposes the students to problems, challenges and opportunities in the relevant industries. Such an exposure enables the students to comprehend the role they can play to solve the problems the industries face using their knowledge and hands-on experience gained at AIMT Lucknow. In addition, job oriented courses focused on industries like Real Estate, Retail, IT sectors receive high priority, which enable the students to understand the issues and the opportunities in relevant industries having job potentials. A placement cell has been created to guide and facilitate employment to the students after Graduation in the relevant industries.



Beyond the Classroom



The students of Ansal Institute enjoy ample opportunities for self-development, through Orientation Programs, Theatre Workshops, Lecture Series, Field Trips, Open House, Fresher's and Farewell parties and a range of other events.

Students get ample opportunities to display their talent and showcase their creativity during various events and functions.



ANSAL TECHNICAL CAMPUS (ATC)

College Code 748



- Ansal Technical Campus (ATC) is offering the academic programs approved by AICTE and affiliated to UPTU Lucknow.
- It offers undergraduate B.Tech 4 Years program and B. Arch 5 years program.
- It offers Postgraduate Master of Business Administration 2 years program.
- It also offers graduate Engineering programs in collaboration with an accredited and reputed US based university which awards the degree.



ACADEMIC PROGRAMS

(NATIONAL)

GRADUATE PROGRAMS

B. Tech. Programs

Approved by AICTE and affiliated to UPTU, Lucknow (College code 748)

4 Years full-time program

- Civil Engineering(CE)
- Computer Science and Engineering(CSE)
- Electrical and Electronics Engineering(EEE)
- Electronics and Communication Engineering(ECE)
- Mechanical Engineering (ME)

B. Tech Programs - International Twinning Program

Approved by AICTE under foreign collaboration and affiliated (College Code 748) to UPTU, Lucknow

- Electrical and Computer Engineering -degree awarded by US based accredited universities

Eligibility : As per UPTU Guidelines

B. Arch Program – 5 Years full-time program

Approved by AICTE & COA (COA Code - UP 30) and affiliated (College Code 748) to UPTU, Lucknow

The most economical 4-years UG degree program with huge scholarship opportunities.

POST GRADUATE PROGRAMS

MBA

Master of Business Administration

Approved by AICTE and affiliated to UPTU, Lucknow (College code 748)

2 Years full-time program

Specialization

- Marketing • Finance • Human Resources • Information Technology
- International Business • Overseas summer internship

Eligibility: As per UPTU Guidelines

ANSAL SCHOOL OF ARCHITECTURE (ASA)

The Ansal School of Architecture (ASA) believes that visualization, observation and perception are perfect tool to cultivate young minds. They keep their movements justified, controlled, and make their imagination infinite, melodious and creative.

The school provides well equipped surveying and levelling lab, workshop, art studio, exclusive reference library to the students of architecture. Students also have got working and model making courts and covered passages where they can also display their work.

The vision of Ansal School of Architecture is to develop excellence and provide continuous education with constant progress and to make a leading center of Architecture education not only with respect to innovation, knowledge, human value, science, technology and research but at the same time to provide consultancy services among various sectors of society. The school is a bridge between the past and future Architectural education.

The Institute aspires to provide the highest quality professional education in Architecture, to develop and conserve knowledge, and to promote excellence and innovation in Architecture significantly contributing to the social cause of providing quality education to the Indian youth. The Ansal School of Architecture (ASA) in Lucknow has a vision that it would meet future challenges of urban settings and growth. We need architects with high level of professionalism and ability to meet future urban challenges and ASA shall dedicate itself to train students to meet dreams of the nation in terms of physical growth and development. Ansal group is also setting example of developing thousands of acres of land in Lucknow and engaging a large team of architects.

ANSAL SCHOOL OF ARCHITECTURE (ASA)

We are increasing in population putting a demand on faster Urban Developments. With the advent of computer and drawing systems available, there is a chance for perceptive people, especially trained architectural planners with ability to visualize and design for an updated reality which will be in great demand in the new millennium. New avenues of employment like Art & Animation, Web Designing, Product Design, Construction Management, Conservation, Urban Design, Landscaping and Environment Planning etc. are opening up for Architects, in addition to the traditional architectural practice.

Ansal School of Architecture has been founded with an objective of bringing forth well-educated, informed and motivated Architects equipped with ultra-modern skills, who can contribute towards building human habitat with confidence and integrating human society for the future. It is possible only by ensuring the highest level of academic standards along with developing a spirit of creativity and growth in every individual. We encourage our students to look at the world beyond mere academics by providing a wider exposure through a series of guest lectures and workshops by experts in architecture and related fields. Perceptual sketching and workshop practice on one-hand and computer skills on the other are especially emphasized.

Architecture is an all-encompassing discipline and thus the education of an architect cannot be effectively accomplished in isolation from other engineering, management and sciences. Ansal School of Architecture is having Sushant School of Art and Architecture in Gurgaon as a successful background.

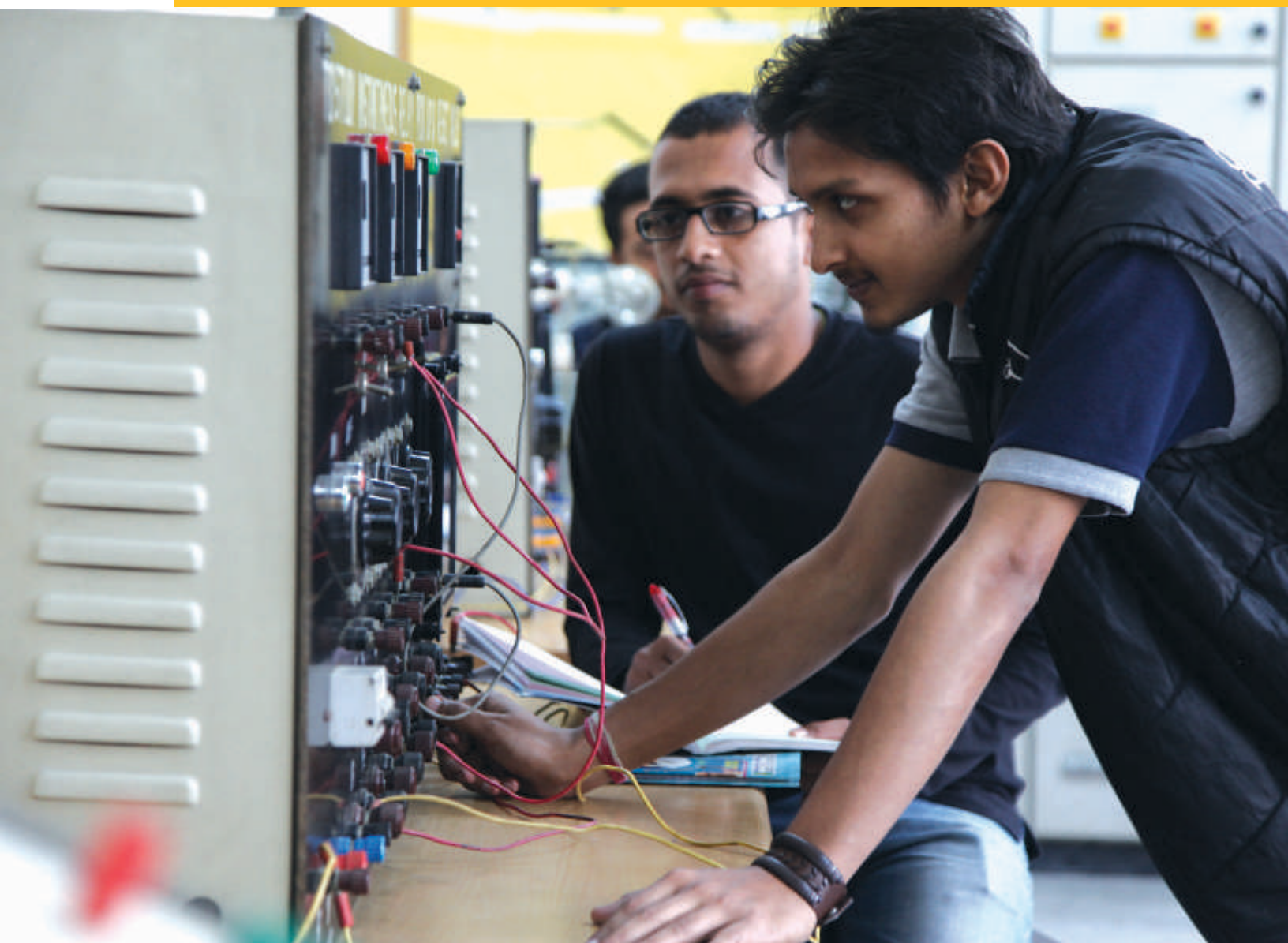


ANSAL SCHOOL OF ENGINEERING (ASE)

Ansal School of Engineering has been at the forefront of innovation for nearly a century, creating pivotal technologies that have transformed the worlds of information technology, communications, medicine, energy, business and beyond. The faculty, students and alumni of Ansal's Engineering have established thousands of Students and laid the technological and business foundations. The school has a tradition of pursuing multidisciplinary collaboration aimed at solving the most pressing global problems.

Our mission is to seek solutions to important global problems and educate leaders who will make the world a better place by using the power of engineering principles, techniques and systems. We believe it is essential to educate engineers who possess not only deep technical excellence, but the creativity, cultural awareness and entrepreneurial skills that come from exposure to the liberal arts, business, medicine and other disciplines that are an integral part of the Stanford experience.

A multidisciplinary, broad-based approach is central to our vision. We believe boundaries are always permeable. Our close collaboration with other schools on campus and with industry strengthens our academic programs. Our successes in education and research have not only trained generations of leaders and created new knowledge but also have helped revolutionize technology, medicine, business and many other fields.



ANSAL SCHOOL OF MANAGEMENT (ASM)



The School of Management at Ansal Technical Campus, Lucknow offers programs in Management. The aim of the program is to develop empowered business leaders of tomorrow with the right attitude, analytical and problem solving ability with a global outlook to take up managerial assignments in the corporate sector and make a distinctive and effective contribution. Creativity and innovation is the forte of this School. We follow a rigorous methodology that aims to churn out skilled & competent professionals who will be accepted by the industry without difficulty, thus filling the gap of skilled manpower.

The pedagogy of MBA program is driven by the spirit of Student-Centered-Learning , contemporary updates, 'Marks- to- Market' orientation, developing business leaders of tomorrow, enhancing inter-personal skills, experiential & hands on learning through live projects and training in multi-dimensional and multi-tasking skills. Our approach towards management studies is rare to be found in other colleges.

International Twining Program

(Approved by AICTE) in collaboration with Valparaiso University (UV), USA and affiliation with UPTU, Lucknow

The most economical 4- year UG degree programs with huge scholarship opportunities.

Features

- Study in India and Overseas - Unique opportunity of exposure to US culture & diversity and work ethics which are so valuable and very much required in the present day global competitiveness in the job market.
- Undergraduate program in Electrical and Computer Engineering.
- Ansal Technical Campus (ATC) is the only Institute in U.P. which offers duly recognized International programs affiliated to UPTU.
- 4-year broad based course structure (so important for personality development) as per US University academic program.
- Two years at AITM Lucknow and two years in an accredited overseas based University leading to Undergraduate degree in Engineering from Overseas Universities.
- Every successful student in the program is eligible for scholarship of U.S.\$ 8,000 -16,000/- per year for his/her studies in the USA.
- Optional Practical Training (OPT) - Those transferring to the US are legally allowed to work for 1 year on paid internship in the US after Graduation.
- The unique feature of the US education is that after graduation, students can legally work for a year to get valuable work experience in the relevant US based industries. Track record of graduating students in engineering from Valparaiso University to get OPT is extraordinarily high.
- Those transferring to the US are legally allowed to work for 1 year on paid internship in the US after Graduation.
- Those, not able to transfer to the US University in the 3rd year due to visa denial, can get lateral entry to the 3rd year of UPTU's B.Tech program after completing the gap in B.Tech coursework (followed in the first 2 years).

Valparaiso University(VU),USA

Comprehensive independent Lutheran university with more than 4,000 students on its campus located in Northwest Indiana, an hour from Chicago. One of the top master's-level institutions in the Midwest by U.S. News & World Report magazine for the past 22 years.

Courses offered:-

BS:- Electrical and Computer Engineering



UG Certification and Advanced Certification (PG) Programs recognized by Industries

Since the USP of AITM Lucknow is essentially focused on providing international exposure to our students as a part of education and learning, the academic linkage with reputed and accredited overseas institutions is pivotal to its academic planning, growth and further progress.

AITM's USP is the opportunity the Institute provides to its students for exposure to overseas culture & diversity and work ethics which are so important in the present day global competitiveness in the job market.

1. Based on Ansal Institute's undergraduate certification and advanced certification (PG) programs with emphasis on liaising with relevant industries in curriculum development, the students are able to get admission to reputed overseas universities and earn accredited recognized degree from overseas.

Highlights

- Exemption from SAT
 - Prospects of huge scholarship by the US University granting admission making the studies financially viable.
 - Opportunities of 12-29 months of paid internship in the US after Graduation.
 - Possible acceptance by Ivy League Universities like Columbia, John Hopkins after Graduation.
2. Promotion of Diversity
 - a) Summer Camp - overseas
 - i) Students exposed to cultural diversity
 - ii) Opportunities to attend classes at US campus.
 - iii) Visits to nearby industries to experience the work ethics.
 - b) Project Based joint study with students from our collaborating overseas universities.
 - c) To and fro exchange of students from AITM to the collaborating Universities in the US and from the collaborating Universities in the US to AITM.
 - d) Six - months Certificate program in Management of Entertainment at University of California, Los Angeles UCLA (in process) with unpaid internship at one of the Hollywood studios for students.
 - Note - The opportunities of availing these summer internships and work on joint projects are available at Missouri State University (MSU)- in process and Eastern Michigan University (EMU).

Missouri State University

- Missouri State University is a public university located in Springfield, Missouri, United States.
- Founded in 1905, it is the state's second largest university.

Eastern Michigan University

- Eastern Michigan University is a comprehensive, co-educational public university located in Ypsilanti, Michigan.
- It has the advantage of being in the proximity of Detroit- an automobile hub.

University of California, Los Angeles

- The University of California, Los Angeles is a public research university located in the Westwood neighborhood of Los Angeles, California, United States.
- Founded in 1919, it is the second-oldest campus of the University of California system.

Salient Features

INTERNATIONAL PROGRAM



Other Features

- Ansals receive students from developed countries like US, Canada and France for a semester to provide cultural diversity.
- Huge scholarship awarded by overseas Universities for eligible students from AIMT Lucknow seeking admission overseas.
- Most Economical degree (from accredited overseas universities) for students from AIMT Lucknow seeking admission overseas.

Programs Offered

UG / PG Certification Programs

UG Certification Programs

Eligibility: Atleast 50% in 10 + 2 with relevant subjects.

Majors in -

- Computer Engineering
- Electrical Engineering
- Mechanical Engineering
- Industrial Engineering
- Civil Engineering
- Computer Science
- Computer Info. System
- Bio-Technology
- Business Administration
- Biochemistry

Advanced Certification (PG) Programs

Eligibility: Atleast 50% in Graduation.

Majors in -

- Business Administration
- Computer Science
- Information Systems
- Software Engineering
- Electrical Engineering
- Computer Engineering



COLLABORATION



Clemson University, USA

- 25th best national public university by U.S. News and World Report
- Student-centered community that thrives on leadership, collaboration and a winning spirit -in academics, athletics and life



Eastern Michigan University (EMU), USA

- Excellent Internships and placement opportunities because of its location in Detroit Area which is an industrial hub.
- 800 plus-acre campus of scenic flora and wooded areas including 122 buildings throughout the academic and athletic campuses



Tarleton State University (TSU), USA

- One of the largest and oldest public school improvement partnerships in the United States that benefits more than 50 area school districts.
- Third largest university in the A&M system in Texas.



Valparaiso University (VU), USA

- Comprehensive independent Lutheran university with more than 4,000 students on its campus located in Northwest Indiana, an hour from Chicago.
- One of the top master's-level institutions in the Midwest by U.S. News & World Report magazine for the past 22 years



New Jersey Institute of Technology (NJIT), USA

- Offers 125 undergraduate and post graduate degree programs in six specialized schools instructed by expert faculty
- Through public and private partnerships, the university helps to grow new business ventures that fuel the economy.



San Jose State University (SJSU), USA

- Founded in 1857, San José State is the oldest public institution of higher education on the West Coast.
- SJSU is a metropolitan university offering more than 134 bachelor's and master's degrees with 110 concentrations



Washington & Jefferson College (W&J), USA

Washington & Jefferson College is accredited by the Middle States Commission on Higher Education, 3624 Market Street, Philadelphia, Pennsylvania 19104, 267-284-5000. The Middle States Commission on Higher Education is an institutional accrediting agency recognized by the U.S. Secretary of Education and the Council for Higher Education Accreditation.



North Dakota State University (NDSU), USA

North Dakota State University is distinctive as a student-focused, land-grant, research university, ranked by the Carnegie Commission on Higher Education among the top 108 public and private universities in the country.

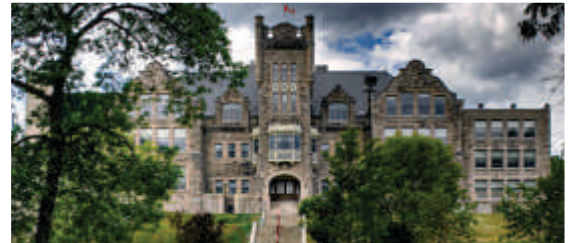
NDSU is in the elite category of "Research Universities/Very High Research Activity," with several programs ranked in the Top 100 by the National Science Foundation and is fully accredited as an institution by the Higher Learning Commission of the North Central Association of Colleges and Secondary Schools.



COLLABORATION

McMaster University (MMU), Canada

- McMaster is recognized both nationally and internationally for its educational and research program
- Member of the U-15, a group of research-intensive universities in Canada



Saint Mary's University (SMU), Canada

- Best known for having nationally lead programs in Business, Astronomy and International Development Studies as well, one of the best football and Men's hockey programs in Canada
- Saint Mary's university is the right fit for international students seeking a unique and exciting learning experience in Canada.



Deakin University, Australia

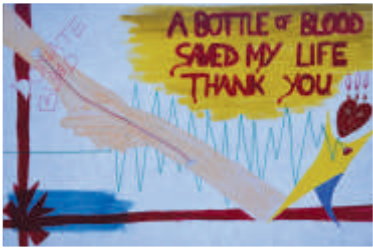
- Deakin is a sector leader for student satisfaction - voted third in Australia and first in Victoria in 2011 and 2012.
- Deakin University was also awarded a 5-star rating by the prestigious university ranking organisation (Quacquarelli Symonds (QS).)
- Deakin fosters an environment in which teaching excellence is recognised and celebrated.



Eastern Institute of Technology (EIT), New Zealand

- The EIT mission is to "support the economic and social development of diverse communities by providing relevant, high quality and accessible education and training to individuals, professionals, businesses, community organizations".
- It has five faculties: Business Studies, Science and Technology, Arts and Social Sciences, Health Studies and Maori Studies. Academic staff at EIT are highly qualified with real-world experience and teaching skills





- Health check-up camp was organized in our campus by Sahara Hospital, Lucknow where a large number of people including faculty members, students and people from Ansal API benefitted.
- Traffic Safety Week was observed on National Safety Week to create awareness among people at AITM, Lucknow.



Tree plantation

Dr. R. K. Khandal, Hon'ble Vice Chancellor, UPTU, Lucknow on January 25, 2013.

Dr. Charles Hannon, Associate Dean of Faculty, Washington-Jefferson College, USA on February 09, 2013.

Prof. Subhash C. Saxena, Professor Emeritus, Coastal Carolina University, USA on February 21, 2013.

Dr. Aruna Lakdawala Thakur, Professor and consultant Psychiatrist, Simon Fraser University, Vancouver, Canada on March 22, 2013.

Prof. William G Ferrell, Professor and Associate Dean Graduate School, Clemson University, USA on 26 October 2013.

Mrs. Farida Abraham, Principal, La Martinere Girl's College, Lucknow, India on 26 October 2013.

Prof. Aynur Unal, "Engineering Education, Design to Enterprise", Stanford, Class of '73, Dean, School of Engineering & Technology, Ansal University, Gurgaon on 18 November 2013.



Life at Ansal Technical Campus





Alumni Speak



I pursued MS (ITM) at Ansal Institute of Technology and Management, Lucknow and graduated with high distinction Award from Valparaiso University, Indiana, USA in December, 2012. I have been appointed as System Administrator with Oracle at Salt Lake City, USA with a pay package of 70,000 USD. Education pattern at Ansal Institute is exactly parallel to US. AITM has excellent faculty, infrastructure and collaboration with various accredited US Universities. While at Ansal Institute, I not only learnt the academics but also improved my overall personality. Ansal Institute definitely deserves the credit.

Piyush Saxena
2011 Batch



AITM is an integral part of my life. It has provided me with a completely different platform to showcase my talent. It has given me opportunities to meet new people in different environments and to know how to work in harmony with them.

AITM provides us with excellent infrastructure and teaching environment. We have brilliant teachers to guide us and tell their experience of going and working abroad. We are encouraged every day to put our best foot forward.

Sandeep Kataria
Student
BS (Computer Science) 2012

Facilities



Accommodation

The Institute has splendidly designed separate accommodation for boys and girls with all modern facilities for boarding and other recreational activities on twin sharing basis, located at secure area with lush green surroundings.

There are well furnished and spacious rooms as well as common places for the students in each hostel. Each room is equipped with two beds, two study tables, two study chairs and one almirah. Spacious common rooms are provided in both the hostels, which are a place for constructive activities like indoor games, discussions and get together within the hostel. The hostel provides the students with daily newspapers and magazines to make them aware of the daily happenings of the world. The hostels provide good and hygienic food to the students.



Transportation

The institute has buses, well equipped with ACs and mobile phones for the convenience of the staff and students. The transport facility remains available for any kind of emergency round-the-clock.

Medical

AITM has medical facility in close proximity to the institute. Qualified doctors are available to provide regular and intensive medical care to AITM students. An emergency mobile van is also available round the clock to ensure timely healthcare to the resident students.

Cafeteria

The institute campus is provided with a relaxing and comfortable cafeteria. Healthy and hygienic meals are made in the cafeteria by a professionally managed catering company. It is also one of the most happening places in the campus with all the students gathering there to discuss and share their new experiences.

Sports

At AITM, we encourage our students to participate in sports activities. The Institute has excellent sports facilities comprising indoor and outdoor games such as basketball, badminton, cricket etc. Institute also organizes sports events on regular basis. Games and sports have been one of the important foci of "AITM" "in its endeavor to facilitate all-round development of students' physical and mental abilities.

The AITM Sports-complex which is in the process of coming up is expected to give a major boost to games, sports and other related extracurricular activities of the students.

Security, Housekeeping

These facilities are outsourced.

Anti-Ragging policy

As per the guidelines issued by the Hon'ble Supreme Court of India

RAGGING IS A COGNIZABLE AND PUNISHABLE OFFENCE.

It defines as “any disorderly conduct whether by words spoken or written or by an act which has the effect of teasing, treating or handling with rudeness any other student, indulging in rowdy or indisciplined activities which cause or is likely to cause annoyance, hardship or psychological harm or to raise fear or apprehension thereof in a fresher or a junior student or asking the students to do any act or perform something which such student will not do in the ordinary course and which has the effect of causing or generating a sense of shame or embarrassment so as to adversely affect the physique or psyche of a fresher or a junior student, with or without an intent to derive a sadistic pleasure or showing off power, authority or superiority by a student over any fresher or any other student”.

Ansal Technical Campus directs all students to refrain themselves from any sort of ragging activities. Any student found involved in any sort of ragging activities on the campus / bus / hostel will invite disciplinary action.





ANSAL INSTITUTE OF TECHNOLOGY & MANAGEMENT

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