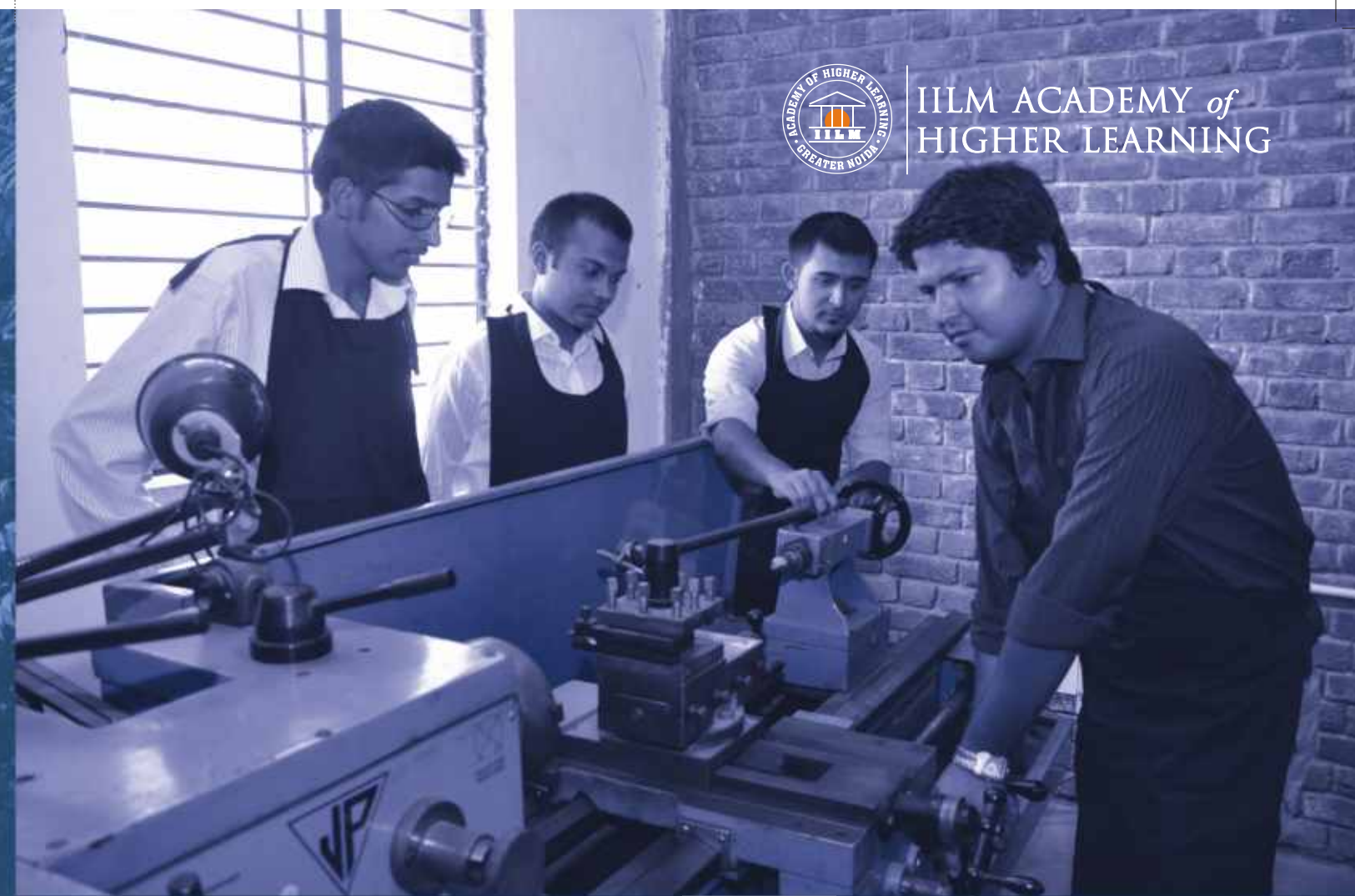


**IILM ACADEMY of
HIGHER LEARNING**

17-18, Knowledge Park-II
Greater Noida-201306, NCR-Delhi
Tel : 0120-2328231. Fax : 0120-2320058
Web : www.iilm.ac.in



**IILM ACADEMY of
HIGHER LEARNING**

College of Engineering and Technology



Prospectus



Our logo depicts the rising sun within the universal symbol of the temple of learning.

तेषामेवानुकम्पार्थ-मह-मज्ञानजं तमः ।
नाशया म्यात्मभावस्थो ज्ञान-दीपेन भास्वता ॥

In the Gita, Lord Krishna says:

"I, residing in the intellect of my devotees, destroy the darkness of ignorance by the resplendent light of knowledge".

Curbing the menace of Ragging

The regulations regarding ragging as advocated by UGC & Honorable Supreme Court are strictly implemented in the Institute.

Students facing problem can call the Registrar 24 x 7 on 9971949012 & 0120-2320058.

Strict action is taken by the Institute against defaulters.



Chairman's Message

Dear Aspirants

On behalf of the management of the Institute, let me welcome you in our extended family of building technocrats, professional manager and I.T. professionals of global India.

IILM Academy Greater Noida, set amidst pristine freshness of 27 acres of green land provides the right ambience for shaping young minds into future leaders.

Getting ready and preparing for college is life's most exciting transition. The Academy takes it as a challenge to mould and shape the students as the global players of tomorrow. A four-year stay in the college prepares the student for adulthood and responsibilities that come along with it.

IILM Academy lays emphasis on certain vital parameters that help establish its credibility amongst world-class institutions. The parameters of institute reputation, constant revision and development of the curriculum for sustained excellence, quality of academic input, admission based on merit, student-faculty interaction, workshops and experimental learning, state-of -the-art infrastructure, industry-college interface and job prospects are constantly monitored and kept at par with the best in the academic world and industry.

In today's competitive age, where there is no room for ordinary performances, the students should plan to work hard and seize the opportunity to discover their role in the world. The various activities and avenues provided to the students here make them skillful in handling the pressures of the outside world and we take pride in the fact that our students stand apart from the crowd.

Best wishes for a journey for shaping your destiny.

D. K. Biswas

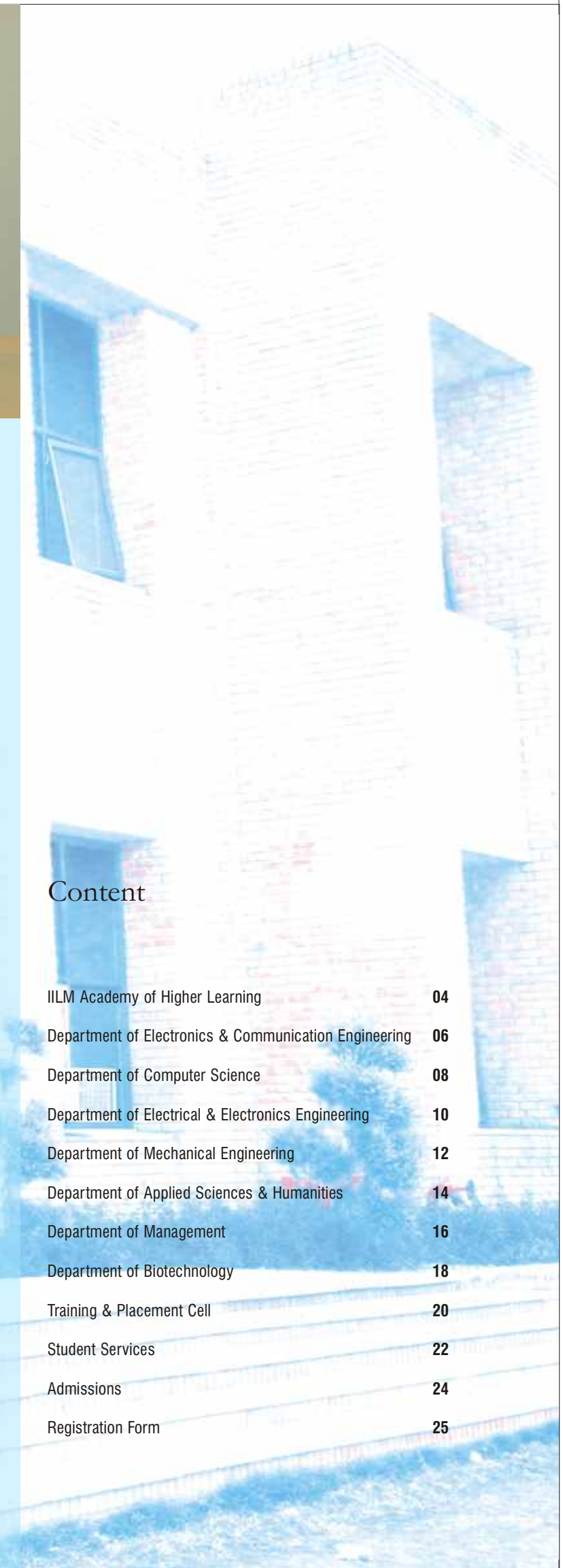


From the Senior Director's Desk

In College of Engineering & Technology, IILM Academy of Higher Learning, we are committed to

- An outstanding learning experience based on inspirational & creative teaching.
- An education based on ethical values resulting in knowledge and skills valued by industry.
- A mutually beneficial and sustained employer engagement.
- To inspire an innovative thought process in the students and parents and promote Techno Entrepreneurial Initiatives.
- Above all, a student Experience which one will cherish throughout.

I invite all future technocrats to be part of the IILM experience.



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IILM Academy of Higher Learning

IILM Academy of Higher Learning, Greater Noida is a dynamic and research intensive Academy, which provides world-class education in the fields of Engineering, Biotechnology and Management. Along with an excellent academic ambience, the emphasis here is on quality education through various teaching aids and overall development of the students through different interactive sessions.

The rigorous and unique curriculum of the Academy prepares its students for a challenging career. Its innovative learning philosophy ensures the intellectual, professional, emotional and spiritual development of the students to lead towards their holistic development.

To chart the future course of industry in a rapidly progressive environment, there is a need to produce exemplary technocrats, who have unique mastery over the basic principles and concepts of strategic disciplines like engineering and technology, together with business management. Keeping in view these aspects the Academy has set up 'College of Engineering & Technology'. The Academy commits itself to offer quality education at the higher end and train a new generation of students as a technologically competent workforce. It eventually aims at establishing itself as a premier institution at the national and international level.

Vision

IILM Academy aims at being the recognized leader in providing quality education and in stimulating innovation in engineering and technology and management education.

Mission

The Academy looks at providing its students with a global perspective in the ever-changing world of technology by creating a dynamic environment, where they can learn and access all the latest information. This would create an ideal learning culture for development.

Principles

Academic Excellence, Holistic Education, Global relevance and Contemporaneity are the four cornerstones of IILM Academy's educational edifice. Keeping all these aspects in mind, IILM Academy of Higher Learning, Greater Noida, looks at:

- Commitment to offer quality education at the higher end in order to produce a new generation of engineers and technologists who would be able to face the challenges of the competitive world.
- Challenge and motivate the students to explore their full potential through rigorous academics, hard work and high thinking.
- Promote the global perspective by exposing students to the latest developments in academics, research and industry all over the world
- Provide opportunities to students to acquire skills beyond the curriculum
- Encourage extra curricular activities among the students and develop their personalities, which would lead to their holistic development.
- Adapt to emerging technologies and changing disciplines
- Adapt to new and evolving educational paradigms
- Provide a friendly and dynamic environment to learn and grow.



Department of Electronics and Communication Engineering

The department has well qualified and dedicated faculty with well equipped modern infrastructure.



B.Tech. (Electronics & Communication Engineering)

Electronics & Communication Engineering branch at IILM places strong emphasis on fundamentals ,so as to introduce complex subjects in interesting and easy manner to students. The department has well qualified and dedicated faculty with well equipped modern infrastructure. To create atmosphere conducive to learning, audio-video presentations have been made integral part of classroom teaching which helps students to understand the complete concepts through three-dimensional visualization.

Department of Electronics & Communication Engineering lays sharp focus on learning through experiments. The core objective of experiments in laboratories is to substantiate the theoretical inputs in the class rooms, which helps students to attain clarity of concept.

The department has following well equipped laboratories.

- Electronics lab
- Microprocessor Lab
- Digital Electronics Lab
- Digital Communication Lab
- Analog Communication Lab
- Analog Integrated Circuit Lab
- Microwave & Optical Communication Lab
- Control System lab.
- PCB & Workshop lab
- ECAD lab.
- Communication lab.

Regular workshops are held which helps in placement activities .Our Placement cell is constantly working toward ultimate goal of students employment in industry or to be an entrepreneur. Our placement cell is engaged in networking with best companies and organizations in professional world and invites them to our campus for holding interviews to ensure 100 % campus placement.



Department of Computer Science

The department in the past years has helped many bright students to beat top exams & majority of our students are well placed in reputed Govt. and Private sector companies.

THE COMPUTER SCIENCE & ENGINEERING DEPARTMENT. is a self-driven proactive nerve center, which caters to the ever-growing technology in the sphere of academic, research and training needs of computing concepts, tools and techniques in the profession of computer science and Information Technology. The department can boast of sufficiently large IT infrastructure with many more ambitious projects in the pipeline in the years to come under the guidance of Experience faculty members.

Presently the department has:

- Over 400 branded P- IV desktop equipped with the latest application software platforms.
- A set of dedicated servers deployed in a fully networked configuration based on the latest concept of server computing.
- A Data Communication and Computer networking' simulation lab.
- Incubators offer a unique opportunity of achievement, innovation and creative professional techno economic excellence.
- 2 Mbps BSNL Lies line for 24 hour internet connectivity. .

Computer Labs are equipped with more than 400 computers in 10 Labs. These labs are gear to provide the specialist environment for all courses as well as simulated business environment. All Computers are inter connected by the LAN and also connected with the outside world by Internet. Computer Labs have Windows, UNIX, LINUX, environments with a host of software packages relating to various aspects of computer science and engineering and other disciplines related software like Drawing and Drafting Package (AUTO CAD), Multimedia, Presentation, Film making and editing packages.

INTERNET LAB

IILM provides extensive global exposure to its students through the internet facility. Students can interact with other Institutes, Universities, and Professional Bodies throughout the globe; besides this they can update their knowledge by collecting various types of lectures, symposia details, research papers level details through internet. Internet is also helping the students in downloading research papers and this way the students' time in the research level project is considerably reduced. This objective is achieved by the Internet Club that the students can interact as well as exchange ideas in their presentation.



The department offers the following programme:

- Bachelor of Technology in Computer Science & Engineering.
- Master of Computer Application.

The department in the past years has helped many bright students to beat top exams & has many of its students reputed Govt. and Private sector companies

List of Laboratories:

- Computer Network Lab
- Objected Oriented Programming & Graphics Lab
- Compiler Construction Lab
- Java & Internet Programming Lab
- Software Engineering Lab
- Web Technology Lab
- Operating System Lab
- Multimedia Lab
- Distributed System Lab
- C/C++ Programming Lab
- Computer Organization Lab
- MIS Lab, DBMS Lab, Client Server Lab
- Computer Graphics Lab
- Unix/Linux & " Programming Lab
- Data Structure Lab
- Design & Analysis of Algorithm Lab

Department of Electrical and Electronics Engineering

It is a challenging course that encourages students to come up with innovative ideas to cater to the fast growing industry of electrical and electronics engineering.

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Does being part of a profession that finds solutions to virtually every problem encountered by modern society appeal to you? If the answer is "yes", then you are invited to consider electrical and electronics engineering for your career choice.

The course of study in Electrical and Electronics Engineering curriculum includes the basic skills that are developed in mathematics through differential equations, physics, chemistry and oral and written communication and skill needed by every citizen.

As computer has become the tool commonly used by an electrical and electronics engineer, considerable effort is expended in helping EN students to extend their capabilities by using the latest software (MATLAB, PSPICE etc) in computer technology. Electrical and Electronics department has well equipped Energy conversion, Measurement and Instrumentation, Control System, Simulation, Communication, Signal processing and Computer Aided Machine Design Labs.



During the last two years of the program, specific skills are developed in Power Electronics, Electric Power System, Power generation and transmission, Energy Conversion, Instrumentation and Measurement, Control systems, Communication System and digital design.

In the final year, a project involving several members of a team is undertaken. The project incorporates many of the basic EN skills, but most importantly, it is designed to allow students to prove that they can work with a team to solve a "real world" problem. The project has taken on added significance since many of the companies that actively recruit students use the project report as a major means of measuring the technical and the communication capabilities of the potential employee.

Program Objectives

- The educational objective of the Electrical Engineering program is to bring together the faculty, staff, and capital resources to prepare students for
- Successful and productive engineering careers, with emphasis on technical competency and with attention to teamwork and effective communication.
- Successful pursuit of graduate studies for life-long learning in electrical engineering and related fields.
- Endow our students with a sense of professionalism with encouragement of professional ethics, professional licensing, and active participation in the affairs of the profession.

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Department of Mechanical Engineering

The objective of curriculum design is to groom a mechanical engineer with a broader outlook, adaptability to any circumstance, and made him/her a full flagged Human being rather than mere technocrat.

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Mechanical Engineering is known as mother of engineering, based on engineering discipline that involves application at principles of Physical sciences in design, construction, production and control in a wide range of products and services that encompass Automobile, Aviation, Thermal Systems, Plant equipment, Material Handling, Defence, Automation, Space Exploration, Mechtronics, Medical equipment and many more. Ever since dawn of civilization, its has shaped our lives and the world around us through numerous contributions in various spheres fro the benefits of mankind.

As it is, education in mechanical engineering is based on a strong foundation in mathematics and science, followed by semi-specialized causes, carefully designed with emphasis on the application of knowledge, acquired in aforesaid foundation course to a specific field, and coupled with Induction courses and studies in social sciences and humanities. The objective of curriculum design is to groom a mechanical engineer with a broader outlook, adaptability to any circumstance, and made him/her a full flagged Human being rather than mere technocrat.

As regards infrastructure, the department has been able to fulfill all academic and administrative requirement as stipulated by the University for the Conduct of course, viva-vice faculty, laboratories, classrooms, library, and placement. The department has following state of the art laboratories, workshop:

- Central workshop
- CAD/CAM & Robotics
- Manufacturing Science
- Fluid System
- Heat & Mass Transfer
- Refrigeration
- Air-conditioning
- Material Testing
- Metrology and Measurement Control
- Thermal Engineering
- Automobile
- Mechanical Software (ProE, CATIA, Solid Modeling)
- Communication
- Training/Project
- Workshop/Guest Lecturer from foreign delegates on emerging topics



By help of Mentor, with teaching learning methodology, Consultancy, personality development, practical in labs, uses of advance software in mechanical engineering summer training (ProE, CATIA, Solid Modeling) in industry and regular organizing industrial visit compliment their theoretical studies to produce successful engineer of tomorrow.



Department of Applied Sciences & Humanities

The study of science is not only a pre-requisite for an engineering degree but is essential to be a successful technocrat. In fact, it is the driving force behind all engineering branches.

The study of science is not only a pre-requisite for an engineering degree but is essential to be a successful technocrat. In fact, it is the driving force behind all engineering branches.

The Department of Applied Science & Humanities consists of disciplines - Physics, Chemistry, Mathematics and Professional Communication. The college has a highly qualified and motivated 28 members faculty and ample infrastructure in all these disciplines. The department organizes seminars and invited talks of eminent professors to expose students to recent developments.

Physics is the scientific study of matter and energy. The University has also realized the importance of applied physics and has enhanced the syllabus and duration of study. Topics covered include classical and modern theories of optics, lasers, fiber optics, electricity & magnetism, relativity, superconductivity, & nanotechnology. Students are made to understand the complex concepts through experiments and demonstrations in the lab. They are encouraged for independent research. Their exposure to the basics of material science and its applications in their specific branch are necessary for their professional expertise. They are also motivated to be inquisitive while doing experiments.

In the Department of Chemistry the focus is on theory, and experimentation to study matter and its chemical structure. Emphasis is given to understand the atomic structure of the material as well as the physical & chemical properties that are linked to the atomic structure. Recent developments in polymer Science are also included in the syllabus.

The Chemistry lab is equipped with modern and state-of-the-art instruments like the spectrophotometer, centrifuge & sophisticated analytical instruments required for basic research as well as teaching at the undergraduate level.

The study of Applied Mathematics helps the students to learn how to use maths and statistics to solve problem in the applied science & engineering. Subjects of study include numerical analysis (approximation methods) and optimization theory (a decision-making technique). These methods help to solve real-life problems and to make connections between unrelated topics. Mathematics as a subject is the creative exploration of possibilities with rigidly prescribed rules and parameters.

In today's competitive world a student is supposed to have a proficiency in English as well as its application to improve communication skill. Students are being taught the art of reading between the lines & argumentation with logic / reasoning. Besides developing their verbal skills, emphasis is also laid on honing their listening skills. Students are encouraged to put theory into practice and asked to write, make presentations & deliver speeches, which is a great way to learn. The department provides an efficient and effective learning environment. Students from diverse backgrounds with different personalities and learning styles are encouraged to use their experiences and perspectives as a key learning tool. This inspires them to give their best and perform well in an academically rigorous yet open-minded environment. University has realized the importance of Industrial Psychology, sociology, human values and ethics to make successful technocrats. IILM with its strong management base is highly successful in teaching these aspects to students.



Department of Management

During a short span of 5 years, IILM-AHL has gained popularity in the academic world for its MBA program due to its performance on the academic and placement front.

The department of management conducts a 2 year full time Master program in management leading to the award of Master degree in Business administration(MBA).The program is approved by the All India council of Technical education, Govt of India and affiliated to the UP Technical University, Lucknow for award of degrees.

During a short span of 5 years, IILM-AHL has gained popularity in the academic world for its MBA program due to its performance on the academic and placement front. The examination results of the college have been hundred percent due to excellent teaching and academic atmosphere, highly qualified, experienced and devoted teaching faculty and state of the art facilities are the strength of the

MBA Program

The program consists of 22 core courses and 8 specialization papers including one open specialization papers with two functional areas of management and a project report based on field studies in the final semester. Summer internship at the end of 2nd semester for a period of 8-10 weeks in corporate is an essential requirement for the award of MBA degree.

Infrastructural facility

IILM ACADEMY of higher learning realizes the importance of well developed infrastructural facilities such as building, AC class rooms equipped with projector, LCD white board and Black board, Library and computer lab with internet facility, hostel, sports, recreation clubs, electricity, RO Water ,power back up, transport etc. Such facilities are abundantly available in the campus of IILM ACADEMY OF HIGHER LEARNING. The library is quite rich in terms of textbooks, journals and periodicals, both national and international, and other reference materials. Similarly the computer lab is well equipped with the internet facility to cater to the needs of students and the faculty.



Department of Biotechnology

Department of Biotechnology is the premiere department at this Academy. This department is one of the few biotech departments in the country to have been awarded national accreditation status by the National Board of Accreditation (NBA) constituted by the AICTE.

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Program Objective

- To give quality education and high-tech training in the field of Biotechnology
- To groom young professional with in depth knowledge, practical skill as well as to develop their scientific aptitude, attitude and a drive to excel
- To enable students to make a meaningful contribution to recent economy which faces challenges of globalization
- To provide a wide range of scientific and engineering background that develop vital skills in the students to succeed in the technology driven biotech industry
- To provide a philosophy of education that ensures intellectual, professional, emotional and scientific development of the students leading towards their holistic developments as Biotech professionals
- To provide an education system that looks beyond employment and concentrates on individual development by enhancing their critical thinking and analytical implementation skills
- To provide a unique combination of an up-to-date infrastructure, resource expertise and opportunities for excellent education and training in Biotech sector.

The present boom in the Biotechnology and pharmaceutical industry brings along with it the requirement of trained, innovative and dynamic human resource that is capable of facing and surmounting the challenges in this industry. A major thrust is necessary for promoting innovation and commercialization of knowledge. Thus the key issue is to develop an effective inter-phase that is capable of bridging the gap across various disciplines. With this mission, IILM Academy of Higher Learning, Greater Noida, has taken the initiative to offer B. Tech in Engineering in Biotechnology course affiliated to UP technical University. Department of Biotechnology is the premiere department at this Academy. This department is one of the few biotech departments in the country to have been awarded national accreditation status by the National Board of Accreditation (NBA) constituted by the AICTE.



Training & Placement Cell

The cell is also assisting the students to upgrade their knowledge through the workshops, seminars, educational shows, guest lectures by eminent personalities from the corporate world.

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Educating youth without placement assistance is of no use today that is why CET-IILM, T & P Cell is working proactively in assisting students for various current and future prospective job opportunities. The cell is also assisting the students to upgrade their knowledge through the workshops, seminars, educational shows, guest lectures by eminent personalities from the corporate world.

We have adopted a very systematic & well defined approach for the training & placement of the students. Training & Placement officer is working with the help of the Faculty Coordinators. Faculty co-ordinators from each course/branch have been appointed by the department heads for the better communication and transparency. These faculty coordinators are from the teaching staff only. Faculty co-ordinator bridges the gap between the students and the placement officer.

In addition, student coordinators (SCOP) from each course/branch are nominated. These student are directly involved in all the students welfare activities as well as T & P activities like organising placement events, welcoming guests, maintaining discipline and the overall management of the students affairs during the Placement Season.

T & P Cell is also providing practical exposure to the students through the Industrial Visits (like in Mother Dairy, Delhi; Mohan Meakins Beverages Ltd., Mohan Nagar; BHEL, Hardwar, etc) special visits to the Incubation Centre (NSIC Incubation Centre, IIT Delhi Incubation Centre).

T & P Cell is engaged in the following activities

Student Information Sheet(SIS) for T & P: Student Information Sheets are used to cater all academic and non-academic information of the students

Formation of SCOP: Student Committee is also formed for the direct communication with the students and they assist in the student affairs.

Self development and counselling: Faculty coordinators are actively working as the Mentors of the students and they guide student to select the better career options.

Personality Development Programs: Mock Interviews, Group Discussions, Body Language, Public speaking are the skills which are taught to the student by our dedicated faculty to face the corporate leaders.

Placement Season: Although the company-visits to the campus are organised during the whole academic season. But, for the better career options, specific placement seasons are also organised where students can appear in more than one company of their choice at the same day.

Major recruiters of 2009-10

- HCL
- Infosys
- Accenture
- Mphasis
- Punj Llyod
- Birlasoft
- I-Flex Solutions
- L&T Infotech
- Indian Army
- Relsys
- International
- Ebix Software
- Perrot Systems
- Surya Roshni
- DOCOMO



Student Service

Library

- Modern state-of-the-art facilities, equipped with the latest reading, research, and reference material in print, electronic & audiovisual format
- Large spacious reading room, which provides a congenial environment and total concentration for study and research
- Vast collection of books, periodicals, national and international journals, review articles on various management related subjects
- Wide collection of books on ethics and social issues

Bus Route

Ghazaibad Route: Atal Chowk / Bikanerwala ---Vaishali--- Indrapuram--- Shipra Sun City---Electronics City, Sector-62--- Fortis Hospital--- Sai Baba Temple---Kendriya Vihar, Sector-51--- Rail Nagar, Sector-50---Prayag Hospital, Sector-41---Expressway---IILM, Greater Noida

Vasundhara Enclave Route: Vasundhara Enclave---Mayur Vihar Phase-II Crossing---Sahara, Sector-11---Sector-21, Stadium--- Chauda Mode---Telephone Exchange, Sector-19---DM Chowk--- Kailash Hospital---DPS---Ram Vihar, Sector-30---Shashi Chowk--- Sector-37-- Expressway---IILM, Greater Noida

Shuttle Service from Metro Station, Botanical Garden.





IILM ACADEMY of HIGHER LEARNING

17-18, Knowledge Park II, Greater Noida 201306

College of Engineering & Technology

Form No.

Registration Form

Course Applied for: B.TECH / MBA / MCA

Branch Preference: (applicable for B.Tech only) CS EC ME EE BT

1. Name of Candidate: _____

2. Date of birth: (dd-mm-yyyy) _____

3. Father's name: _____

4. Address for Correspondence: _____

5. Contact Phone No:(with STD Code) _____

6. Details of Qualifying Examination:

S.No.	Year	Examination Passed	Board / University	Year of passing	% age of Marks	Major Subjects
1.	10 th					
2.	12 th					
3.	Graduation					

7. Aggregate Marks in Physics, Maths and Chemistry or Biology or Biotechnology (for B.Tech only): _____

8. Details of Competitive Exam appeared in:

Examination	Conducted by	Year	Roll No.	Rank	Remarks

8. Hostel required: YES / NO

9. College Transport required: YES / NO

Please enclose a DD of Rs.1000/- (Rupees One thousand only) favouring CET-IILM-AHL payable at Greater Noida for registration in B. Tech / MBA / MCA program.

SUBMISSION / ACCEPTANCE OF REGISTRATION FORM DOES NOT GUARANTEE ADMISSION UNDER ANY CIRCUMSTANCES

(Signature of Candidate)

(Signature of Parent/Guardian)

Admissions

Admission Procedure

Candidates who are seeking admissions to B. Tech, MBA/MCA Programs are required to appear in SEE-UPTU/ conducted every year in April / May.

Eligibility Criteria

Course	Qualifying following Examination	Compulsory Subjects	Anyone of the Subjects
B. Tech	10+2 level	Physics & Mathematics	Chemistry, Bio-Technology, Computer Science, Biology
B. Tech (Bio-Technology)	10+2 level	Physics & Mathematics or Biology	Chemistry, Bio-Technology, Computer Science
MBA	Graduate in any discipline		
MCA	Graduate in any discipline		Mathematics as one subject at 10+2 level or at Graduate level

For all programs, 85% of the total seats will be filled up by the candidates selected by the Central Admission Committee of UPTU and for remaining 15% seats the criteria will be:

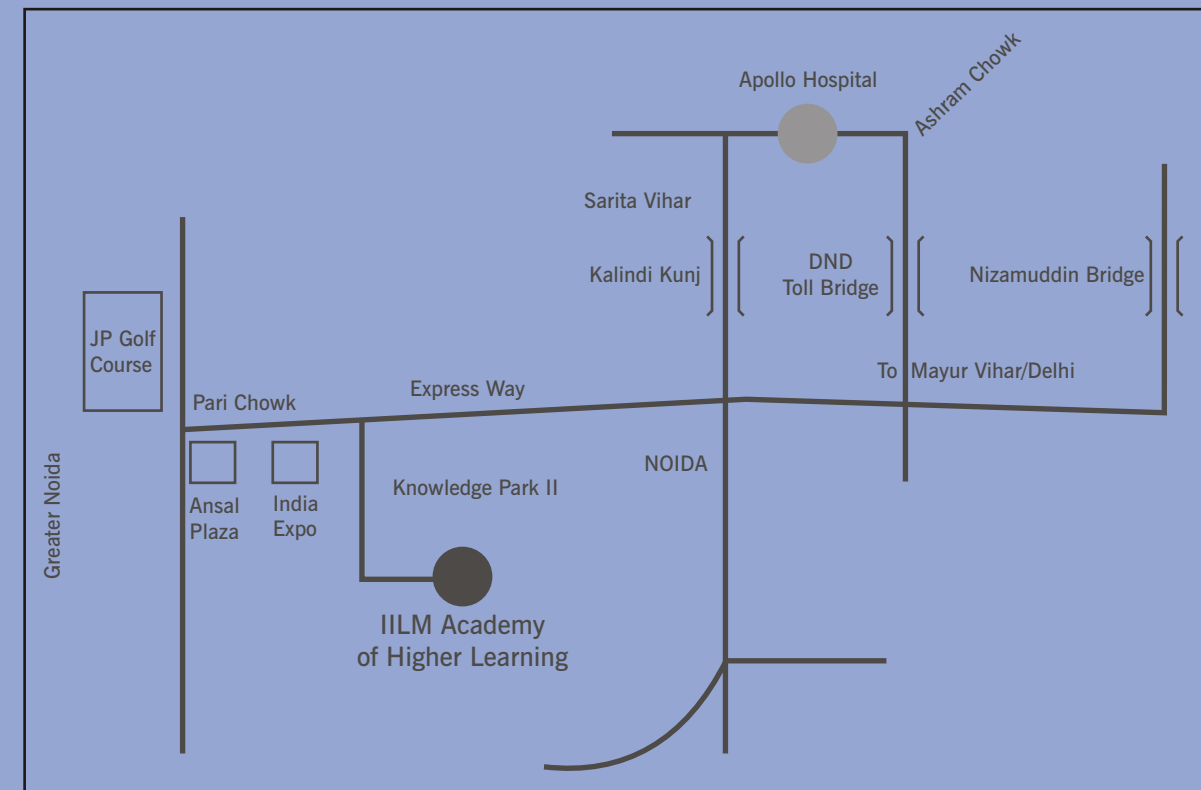
- performance in the last qualifying examination i.e 10+2 for B. Tech, graduation for MBA / MCA
- rank in SEE-UPTU
- performance in personal interview
- fulfillment of conditions of UP Technical University for such admission as detailed in GO of UP Government for the current academic year.

Application and Selection Procedure

A Registration form needs to be filled up with the personal details & following documents are to be attached :

- Certificate & marks sheet of the last examination passed
- Proof of the date of birth (10th class certificate)
- Two photographs
- Rank/Score Card

Merit list is prepared on the basis of students' marks in 10+2 & entrance test score. Final list is declared after receiving the list of candidates from UPTU.



For further details call:

College of Engineering and Technology (B.Tech/ MBA/ MCA) : 0120-2328230 / 0120-2328232

17-18, Knowledge Park-II, Greater Noida-201306, NCR-Delhi

Tel : 0120-2328231. Fax : 0120-2320058

E-mail : admissions@iilm.ac.in Website : www.iilm.ac.in