



National Institute of Technology
Kurukshetra

Institution of National Importance

Golden Jubilee Year
2012-2013

Placement Brochure



Vision

To be a role model in technical education and research , responsive to global challenges.

Mission

To impart quality technical education that develops innovative professionals and entrepreneurs and to undertake research that generates cutting edge technologies and futuristic knowledge, focusing on the socio-economic needs.



PLACEMENT BROCHURE

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NATIONAL INSTITUTE OF TECHNOLOGY

(INSTITUTION OF NATIONAL IMPORTANCE)

KURUKSHETRA

Message from Director

Knowledge generation and its refinement by practicing continuous learning for dissemination to society through education are the core objectives of the leading academic institutions. This is fully embodied in the teaching/learning attributes of National Institute of Technology(NIT),Kurukshetra within its legacy of over 49 years as a premier center of professional education. Since its establishment as Regional Engineering College in 1963, the institution has significantly contributed to supplement National demands of technical manpower by producing engineering professionals with an eclectic mix of academics, core competencies, and skills along with ethics and values.

Our curriculum is at par with the best technical institutions of the country and we strive to develop specific skills among the students to make them ready on-job. The academic programs at NIT, Kurukshetra have adequate focus and emphasis on overall development of students which are extensively pursued by experienced faculty through laboratory experiments, projects and model development etc. Mock tests, group discussions, invited talks, extension lectures, seminars, workshops, and other co-curricular activities organized by our training and placement cell provides further training to our students that makes them capable of cracking globally changing placement scenario. It is my earnest belief that life at NIT Kurukshetra has prepared our students to respond in adverse array of challenges and take on the multifaceted positions of responsibility. I am confident that the students recruited by you will excel and achieve beyond your expectations. They will surely prove to be valuable assets for your organization.

I take this opportunity to invite your organization for campus recruitment at this Institute and hope to have a long standing and cherished relationship with your organization.

We look forward to welcome you on our campus.

Prof. Anand Mohan



Message from Professor Incharge

It gives me immense pleasure to extend to you most cordial invitation to participate in the campus placement programme of National Institute of Technology, Kurukshetra (NITK) which has a rich tradition of pursuing excellence and has continuously re-invented itself in terms of academic programmes & research infrastructure. Set against the sprawling campus, heavily foliated, the institute is a preferred academic centre for a large number of organizations for recruiting B Tech, M Tech, MBA and MCA students as now more than ever, they are exposed to challenging research based academics, sports, cultural and organizational activities on its vibrant campus.



The institute holds the pride of place being the first ever technical institution in Haryana and has a glorious past of fifty years. Established in 1963 as Regional Engineering College, the institute has joined the prestigious fold of NIT, Kurukshetra in 2002, and is proud of its Alumni who have excelled in their field of specialization, and whose contributions at national and international levels has been commendable.

The institute offers 4-year B Tech degree courses in 7 engineering streams and 2-year M Tech degree courses in 17 areas of specializations of engineering and technology in addition to post graduate courses arch to the degrees of MBA & MCA. We, at NITK, spare no efforts to groom our students, not only in their chosen discipline, but also broaden their mindsets to create positive attitude. Presence of research infrastructure, vigorous industry institute collaborations, inter disciplinary research collaborations and industry training opportunities further help our students to excel and be ahead in the competitive professional environment.

Over the years, NITK has become the most preferred choice of students from all parts of the country, as more than 150 organizations visited and participated in campus recruitment process during 2011-12 and offered more than 900 jobs to our students.

I forward herewith placement brochure of our institute, containing details of various programmes/courses offered by various departments/centres. Also, enclosed is job announcement form (JAF), which may be filled in and mailed to us, on receipt of which we would be happy to fix a mutually agreeable date for your visit to our campus. It would be our pleasure and proud privilege to host you as our esteemed institute guest.

I, further, would like to request you to extend summer internship to our B Tech pre-final year students, preferably with honorarium/stipend which can help you in previewing them as your prospective employees. It would be appreciated if summer internship form (SIF) is filled and returned to us at your earliest.

Through this message, I once again extend my invitation to all accounted organizations to participate in the recruitment process of the institute. I hope that our recruitment process would be conducive to access at the best bout amid the needs of your organization.

Please feel free to contact me on my mobile number, should you require any further information /clarification.

With regards.

Prof. H K Sharma

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The Institute



National Institute of Technology, Kurukshetra enjoys the reputation of being a centre of excellence, facilitating quality technical & management education, research and training. The Institute scored high on all parameters like placement, intellectual capital, infrastructure, industry interface and recruiters perception. Established in the year 1963, NIT Kurukshetra has made rapid strides towards excellence. A sprawling lush green campus, outstanding infrastructure, state of the art support system, contemporary curriculum and dedicated faculty provide an enabling environment for quality teaching, learning and research. Presently , NIT Kurukshetra offers undergraduate as well as postgraduate programmes, including Master of Computer Applications and Master of Business Administration in Finance, Marketing, Information Technology and Human Resources , along with programmes in Engineering & Technology, Applied Sciences and Humanities and Social Sciences at the doctorate level. The curriculum of various courses under these programmes is constantly updated to meet growing demands and needs of the country in different areas of technology and management.

The Institute also offers excellent facilities for advanced research in the emerging areas of science and technology. There are numerous projects that are being carried out by the institute sponsored by DST, MHRD, CSIR, AICTE and UGC.

The Institute has also started schools of PG studies and research namely School of Renewable Energy & Efficiency, School of Material Science & Nanotechnology, School of VLSI Design & Embedded Systems and School of Biomedical Engg.

Admissions

The Institute offers bachelor's degree in technology and the admission is made on the basis of merit in All India Engineering Entrance Examination (AIEEE) conducted by Central Board of Secondary Education (CBSE) every year. Also, the institute offers Master's Degree in Technology, Computer Application and Business Administration, admission to which is made on the basis of merit in Graduate Aptitude Test in Engineering (GATE), NIMCET and Common Aptitude Test (CAT) respectively.

In addition to that the institute also provides an opportunity to enrol for the Doctorate (PhD) in various disciplines under the guidance of the faculty members. The admission procedure is highly demanding and requires a great blend of grey cells, dedication and hard work to get into NIT Kurukshetra.



Jubilee Hall

Facilities and Infrastructure



Center of Computing & Networking



Library



Class Rooms



Hostels



Open Air Theater

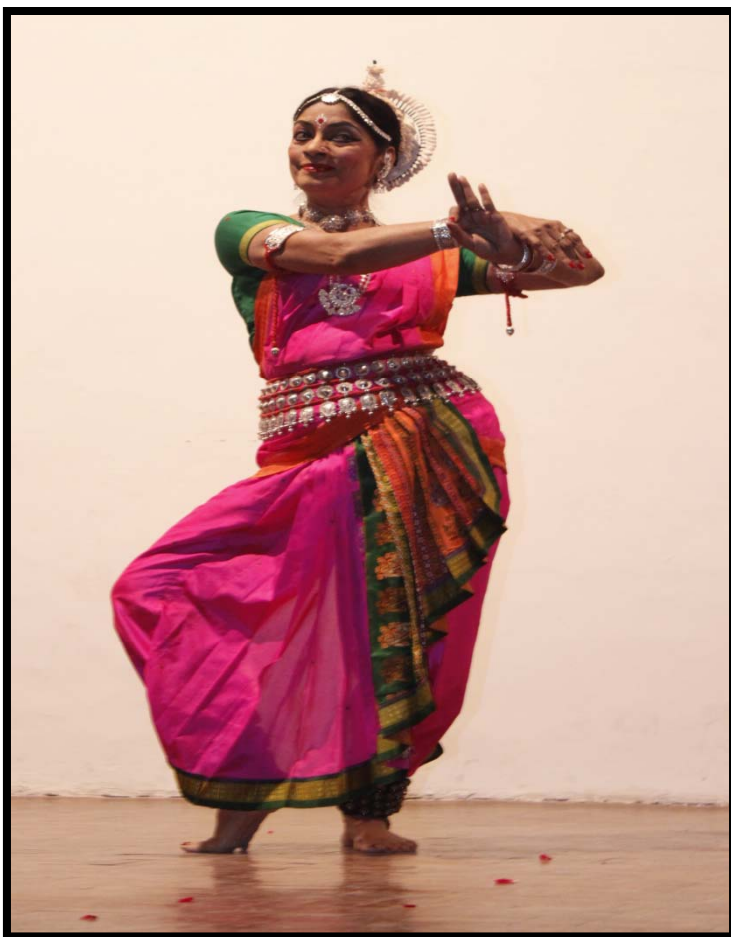
Experience Faculty and Research



The institute has highly qualified faculty with vast experience in their respective fields. They are constantly updated with the recent advancements, and has contributed to the growth of the nation through publishing research papers, writing books and conducting seminars in India and across the globe, earning them special grants and funding from various governmental institutions.

Research at NIT aims to develop innovative solutions in all technological fields that address the complexities of today, and the needs of tomorrow. Students are constantly engaged in research projects under the faculty guidance, with an ambition to use their knowledge for the advancement of society.

Experience Culture



The NIT Kurukshetra's outstanding academic program is enhanced by its diverse student community, with students coming from every part of the nation and beyond for an unparalleled student experience.

The student body consists of one of the smartest and dynamic individuals from across the nation, with many backgrounds and interests, and a lifetime of experiences to share.

The value of this diverse culture forms a collaborative community that provides an abundance of leadership opportunities, team roles, clubs and cohorts to foster a culture of collaborative learning and doing that will last throughout these entire four years and much beyond.





Student Activities




आपको रखे आगे
Presents
**National
B - School
Awards 2012**
30th June, 2012 | Taj Lands End, Mumbai

**Outstanding Engineering Institute
(North)**

**National Institute of
Technology, Kurukshetra**


आपको रखे आगे
Presents
**National
B - School
Awards 2012**


A FILM AND TV BY ABP PRODUCTIONS



“ If education is food, recreation is spice.”

The institute holds several national and international level programmes that emphasize on cultural and recreational activities.



Departments



1. Civil Engineering
2. Computer Engineering and Information Technology
3. Electronics and Communication Engineering
4. Electrical Engineering
5. Industrial Engineering and Management
6. Mechanical Engineering
7. Computer Applications
8. Business Administration
9. Chemistry
10. Mathematics
11. Physics
12. Humanities and Social Sciences
13. School of VLSI Design and Embedded Systems
14. School of Renewable Energy and Efficiency

Civil Engineering Department



The Civil Engineering Department is one of the premier departments of the institute. The department boasts not only of highly qualified and experienced faculty, who are involved in various research projects and consultancy services, but also the Labs that are equipped with advanced software packages to impart practical knowledge to the students and cover the essential aspects of civil engineering.

The department also emphasizes on the importance of industrial exposure and organize industrial tours and workshops in addition to a mandatory survey camp after B Tech 4th semester.

Academic Programmes

- ✓ B .Tech in Civil Engineering
- ✓ M. Tech Degree in
 - Structural Engineering
 - Soil Mechanics and Foundation Engineering
 - Transportation Engg.
 - Environmental Engg.
 - Water Resources Engg.
- ✓ Ph.D



Facilities

- ✓ Hydraulics Lab
- ✓ Irrigation Lab
- ✓ Geology Lab
- ✓ Geo-technical Lab
- ✓ Foundation Engg. Lab
- ✓ Rock Mechanics
- ✓ Structures Lab
- ✓ Surveying Lab
- ✓ Transportation Lab
- ✓ Environmental Engg. Lab
- ✓ Computational Lab
- ✓ Concrete and Structural Lab
- ✓ Structural Mechanics Lab





Courses Offered

- ❖ Structural Analysis
- ❖ Design of Steel structures
- ❖ Design of Concrete structures
- ❖ Fluid Mechanics
- ❖ Soil Mechanics
- ❖ Building Construction Materials
- ❖ Surveying
- ❖ Hydrology
- ❖ Water Resources
- ❖ Irrigation
- ❖ Geotechnology
- ❖ Water Supply and Treatment
- ❖ Engineering Geology

Major Research Projects

- ❖ FIST Scheme
- ❖ Strengthening of Structural Elements using Tyfo Fibrwrap System
- ❖ Artificial Ground Water Recharge Through Rain Water
- ❖ Water Harvesting to Curb Ground Water
- ❖ Study of Water Quality Assessment of Braham Sarovar/ Sanhit Sarovar
- ❖ High Performance Fiber Based Composite Infrastructure Systems Utilizing Advanced Composites

Publications and Consultancy

- ❖ The faculty has published more than 100 papers in international journals like ASCE , ACI and more than 450 papers in National level journals /seminars /conferences /symposia and also received several awards for their research work.
- ❖ The department is engaged in providing consultancy services to various Government, Semi-Government and Private Organizations. Efforts to Diversify the areas pertaining to various disciplines are continuously being made so that more interaction could be ensured with the industries and various organizations. Number of Faculty members taking up consultancy projects is considerably increased during the recent past.

Computer Engineering and Information Technology Department



The department has been offering B Tech. Degree Course in Computer Engineering since 1987, attracts the pinnacle students in terms of merit across the nation and abroad. A sound theoretical and practical work prepares the students in wider field of Computer Engineering to take up challenging jobs in the area of Systems Software Development , Application Software Development ,Computer Networking and Database Administration. The department has also been offering B Tech. Degree Course in Information Technology since 2006. The department labs are well equipped with Rack Servers , AMD Optron Based Servers, Stand alone Servers and thin clients.

"Modernization of "Computer Centre" under MODROB Scheme is an MHRD initiative to help students compete with the pace of growing technology and provide a strong platform to exhibit innovation at work.



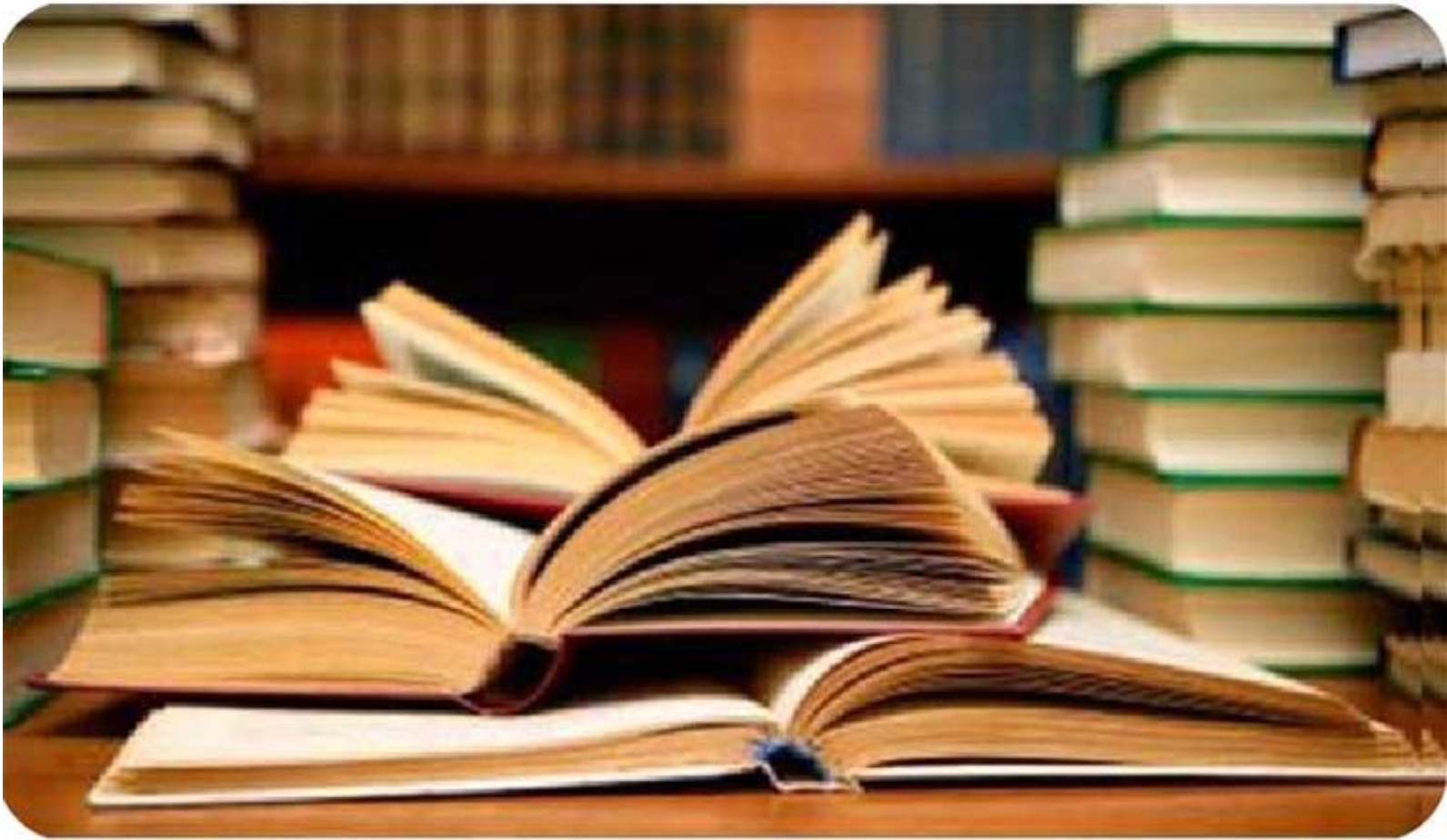
Academic Programmes

- ✓ B Tech in Computer Engineering
- ✓ B Tech in Information Technology
- ✓ M. Tech in Computer Engineering
- ✓ Ph.D.

Facilities

- ✓ Computer Networking Lab
- ✓ Application and System Software Lab
- ✓ Mobile Computing Laboratory Lab
- ✓ Computer Hardware and Troubleshooting Lab
- ✓ Thin Client Lab
- ✓ Web Development Lab
- ✓ Software Engineering Lab
- ✓ Advanced Architecture Lab
- ✓ Database Lab





Subjects Offered

- ❖ Advanced Computer Architecture
- ❖ Advanced Database Systems
- ❖ Analog and Digital Communication
- ❖ Automata Theory
- ❖ Computer Hardware Technologies
- ❖ Computer Networks
- ❖ Data Structures
- ❖ Design and Analysis of Algorithms
- ❖ Digital Electronics
- ❖ Internet and Intranet Engineering
- ❖ Microprocessors
- ❖ Object Oriented Programming
- ❖ Programming Methodology and File Structures
- ❖ Security and Cryptography
- ❖ Software Engineering
- ❖ Unix and Linux Programming
- ❖ Web Engineering

Electronics and Communication Engineering



Since its inception , the Department has shown exponential growth in terms of modernization of the existing laboratories and establishment of new laboratories equipped with state-of- the-art facilities, curriculum development in consonance with the industrial needs. The students under the guidance of faculty members have made a mark in the area of innovative hardware design, modelling & analysis and developing new techniques and algorithms in the fields of data communication systems and wireless networks, signal processing and VLSI design.

Analytical and simulation tools and test beds/working benches are available to carry out research and development in different dimensions of Electronics and Communication Engineering. The Department attracts funding from government and industry for its research projects.

Academic Programmes

- ✓ B Tech in Electronics and Communication Engineering
- ✓ M. Tech in Electronics and Communication Engineering
- ✓ M. Tech in VLSI Design
- ✓ Ph.D.

Facilities

- ✓ VLSI Design Laboratory (SMDP-II)
- ✓ VLSI Design Laboratory
- ✓ Microprocessor Laboratory
- ✓ Basic Electronics Laboratory
- ✓ Communication Laboratory
- ✓ Microwave Laboratory
- ✓ Computer Centre
- ✓ Electronics Workshop
- ✓ PCB Laboratory
- ✓ Advanced Electronic Laboratory



Courses Offered



- ❖ Analog Communication
- ❖ Analog Electronics
- ❖ Antenna and Wave Propagation
- ❖ Computer Communication and Networking
- ❖ Computer Organisation and Architecture
- ❖ Control Systems
- ❖ Digital Communication
- ❖ Digital Electronics
- ❖ Field and Waves
- ❖ Linear IC applications
- ❖ Measurements and Instrumentation
- ❖ Microprocessors and Microcontrollers
- ❖ Microwave Engineering
- ❖ Network Analysis And Synthesis
- ❖ Semiconductor Devices and Circuits
- ❖ Signals and Systems
- ❖ TV and Radar Engineering
- ❖ VHDL
- ❖ VLSI design



Electrical Engineering Department

In response to the changing requirements of the present day industries, the curriculum structure has been designed to meet the same. Department has high tech labs to help students improve their practical approach and highly experienced faculty, who help the students to bring the best out of them.

Faculty are encouraged to take Independent initiatives with collective responsibility in all the relevant academic and R&D dimensions, teaching, curriculum development, graduate research supervision, continuing education and organization of conferences, symposia etc. Moreover students also bring laurels to the department by successfully accomplishing their projects.



Research and Development Projects

- ❖ Static Reactive Power Compensators
- ❖ Automation in Industrial Control Using Transputers
- ❖ Control System Analysis and Design Using LMI
- ❖ Distribution Automation
- ❖ Educational Technologies
- ❖ Audio Visual and Centre

Academic Programs

- ❖ B Tech. In Electrical Engineering
- ❖ M.Tech in Power System
- ❖ M. Tech in Power Electronics and Drives
- ❖ M. Tech in Control System
- ❖ Ph.D.



Facilities

- ✓ Basic Electrical Engineering Lab
- ✓ Electrical Machines & Drivers Lab
- ✓ Electrical Measurements Lab
- ✓ Power Systems Lab
- ✓ Control Systems Lab
- ✓ Power Electronics Lab
- ✓ Signals and Systems Lab
- ✓ Computers and Microprocessors Lab
- ✓ Instrumentation Lab
- ✓ Electrical Workshop
- ✓ High Voltage Lab
- ✓ Process Control Lab



Seminars

- ❖ All India Seminar on Electronics Industrial
- ❖ Applications Summer School on Advances in Control
- ❖ Techniques ISTE Workshop on Quality Assurance in Technical Education
- ❖ AICTE Induction Training Program for Transmission System
- ❖ Workshop on Future Career Avenues in Engg. & Technology

Courses offered



- ❖ Power System analysis
- ❖ Electrical Machines
- ❖ Transmission and Distribution
- ❖ Switchgear and Protection
- ❖ Electric Drives
- ❖ Circuit Theory
- ❖ Signal and Systems
- ❖ Network Analysis And Synthesis
- ❖ Control Systems
- ❖ Microprocessors and Microcontrollers
- ❖ Analog Electronics
- ❖ Power Electronics
- ❖ Digital Electronics
- ❖ Analog and Digital Communication
- ❖ Advanced Programming and Software
- ❖ Engineering
- ❖ Measurements and Instrumentation
- ❖ Field and Waves
- ❖ Material, Components and Processes

Consultancy Projects

- ❖ Line losses determination of Kurukshetra Circle HVPN Ltd.
- ❖ Testing of UPS Directory Technical Engineering
- ❖ Testing of Air Circuit breakers M/S. Mohini Electric Works Pvt. Ltd., Delhi
- ❖ Testing of Welding Transformer, improvement of Power Factor
- ❖ Relay Design for MITS Karnal, Panel Testing of Paradise Enterprise, Ambala

Mechanical Engineering & Industrial Engineering and Management Department



Mechanical Engineering

The Mechanical Engineering Department comprises of one of the most talented faculty among the engineering institutes . It has been actively involved in various projects at national and international level. The collegiate club, Society of Automotive Engineers recently got selected for BAJA project and there are various other research and development projects that are strongly supported by the institution. The departmental labs are equipped with wide range hi-tech machines, tools and equipment to broaden the practical knowledge of students. It also incorporates labs to carry out design, simulation and development on computer programs.

The department has laid strong emphasis on helping students acquire practical knowledge. The institution has played a key role in motivating and assisting the students to freely explore the departmental resources and carry out academic activities.

Academic Programmes

- ❖ B Tech in Mechanical Engineering
- ❖ B Tech in Industrial Engineering and Management
- ❖ M.Tech (Mechanical – Machine Design)
- ❖ M.Tech (Mechanical – Thermal Engineering)
- ❖ M.Tech (Mechanical – Industrial and Production Engineering)

Facilities

- ❖ Strength of Materials Lab
- ❖ Vibration Lab
- ❖ Measurement Lab
- ❖ Metrology Lab
- ❖ Advanced Manufacturing Technology
- ❖ Industrial Engineering & Ergonomics Lab
- ❖ Thermal Engineering Lab
- ❖ Refrigeration & Air Conditioning Lab
- ❖ Heat Transfer and CFD Lab
- ❖ Hydraulic Machine Lab
- ❖ Computer & Automation Centre
- ❖ Energy Lab
- ❖ Tribology Lab
- ❖ Machine Vision Lab
- ❖ Mechanism & Machine Lab
- ❖ Experimental Stress Analysis Lab
- ❖ Advanced Welding Lab
- ❖ Mechatronics Lab
- ❖ PRIDE Lab
- ❖ Optimization Lab
- ❖ NDT Lab





Courses Offered

- ❖ Strength of Materials
- ❖ Machine Design
- ❖ Production Technology
- ❖ Theory of Machines
- ❖ Steam and Power Generation
- ❖ Fluid Machines
- ❖ Material Sciences
- ❖ Refrigeration and Air Conditioning
- ❖ CAD
- ❖ Mechanical Vibrations
- ❖ IC Engines & Gas Turbines
- ❖ Heat Transfer
- ❖ Renewable Energy Resources
- ❖ Industrial Engineering
- ❖ Statistical Quality Control
- ❖ Entrepreneurship



Industrial Engineering and Management

Administratively, the department of Industrial Engineering and Management is being looked after by Mechanical Engineering Department but the institute has also appointed faculty for this course. It is a diverse branch dealing with whole gamut of activities that include conceptualization of designing and planning production in an organization. Along with mechanical engineering , it encompasses the area of product quality control, operation research & management, work study & ergonomics, advanced production technology, layout management , production planning control & computer aided design.

The department has also a collegiate club of SAE (Society of automobile engineers) northern region. Students under this society have successfully manufactured an all terrain vehicle (ATV).



Academic Programs

- ❖ B Tech. In Industrial Engineering and Management

Facilities

- ❖ Heat and mass transfer Lab
- ❖ Production technology Lab
- ❖ Strength of material Lab
- ❖ Advanced production technology Lab
- ❖ Thermodynamics Lab





Courses Offered

- ❖ Thermodynamics
- ❖ Material Science
- ❖ Production Technology
- ❖ Fluid Mechanics And Machinery
- ❖ Strength Of Material
- ❖ Theory Of Machines
- ❖ Machine Design
- ❖ Heat And Mass Transfer
- ❖ Cad/Cam
- ❖ Quality Control
- ❖ Work Study And Ergonomics
- ❖ Operations Management
- ❖ Layout Planning
- ❖ Production Planning And Control
- ❖ Non Conventional Machining Process
- ❖ Industrial Inspection And Non Destructive Testing



Computer Applications Department

Responding to an increasing demand for computer professionals in the country and keeping in line with its stated goal of regularly adding new courses as a part of its 20-year growth plan, NIT Kurukshetra has started an MCA programme from 2007.

With the introduction of the programme, the Institute extends its long years of expertise into the field of Computer Applications thus fulfilling its commitment to the IT industry worldwide and the society at large of developing computer professionals with varied competencies and ethical values.

Subjects Offered

- ❖ Computer Networks
- ❖ Computer Graphics and Multimedia
- ❖ Computer Programming.
- ❖ Computer Organization and Architecture
- ❖ Database Management Systems
- ❖ Data Structures and Algorithms
- ❖ Linux and Shell Programming
- ❖ Microprocessors
- ❖ Object Oriented Programming
- ❖ Operating Systems
- ❖ Software Engineering
- ❖ Server Side Computing with Java
- ❖ System Programming
- ❖ Web Engineering



Business Administration Department



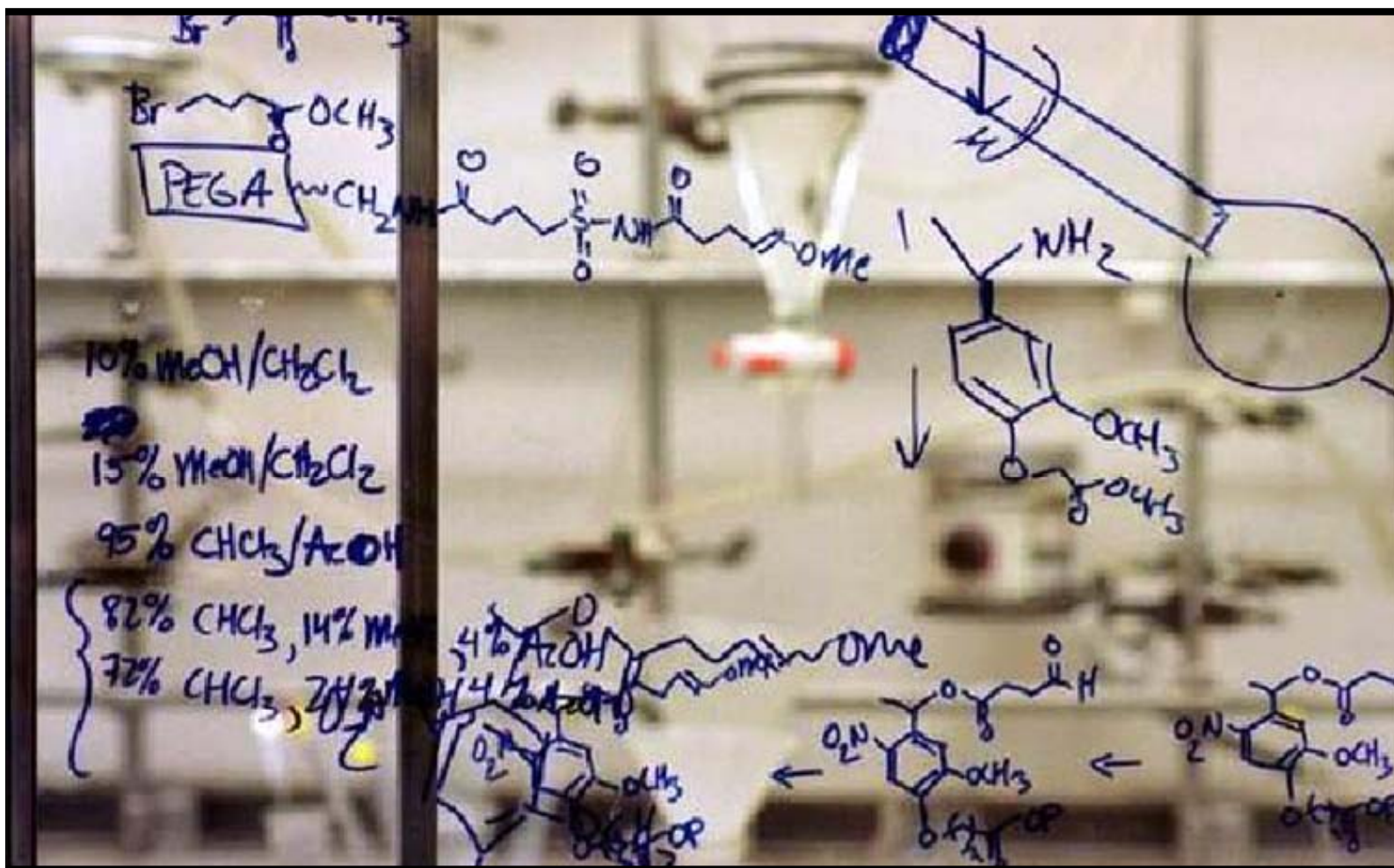
The MBA program at NIT Kurukshetra is the Institute's response to the ever increasing demand for management professionals. This program leads the way in preparing its students to respond to the new challenges by drawing on the varied intellectual resources of the institute and providing a well structured, innovative program in management education. The two year program has been developed into a perfect blend of management theory and practice and real world issues and problems in an effort to groom competent managers capable of devising globally optimised solutions. To ensure the quality of students, the entry into the course is through the stringent screening process using CAT score followed by Group Discussion and Personal Interview.

Programmes

Master's Degree in Business Administration with specialization in :

- ✓ Finance
- ✓ Marketing
- ✓ Human Resource
- ✓ Information Technology
- ✓ International Business

Chemistry Department



The department offers two compulsory courses in Chemistry as an integral part of the curriculum of the engineering degree courses in the first and second semester. Emphasis is laid on the basic principles of Chemistry and their applications in engineering disciplines. Extensive laboratory training is imparted to the students in both the semesters.

Research Facilities

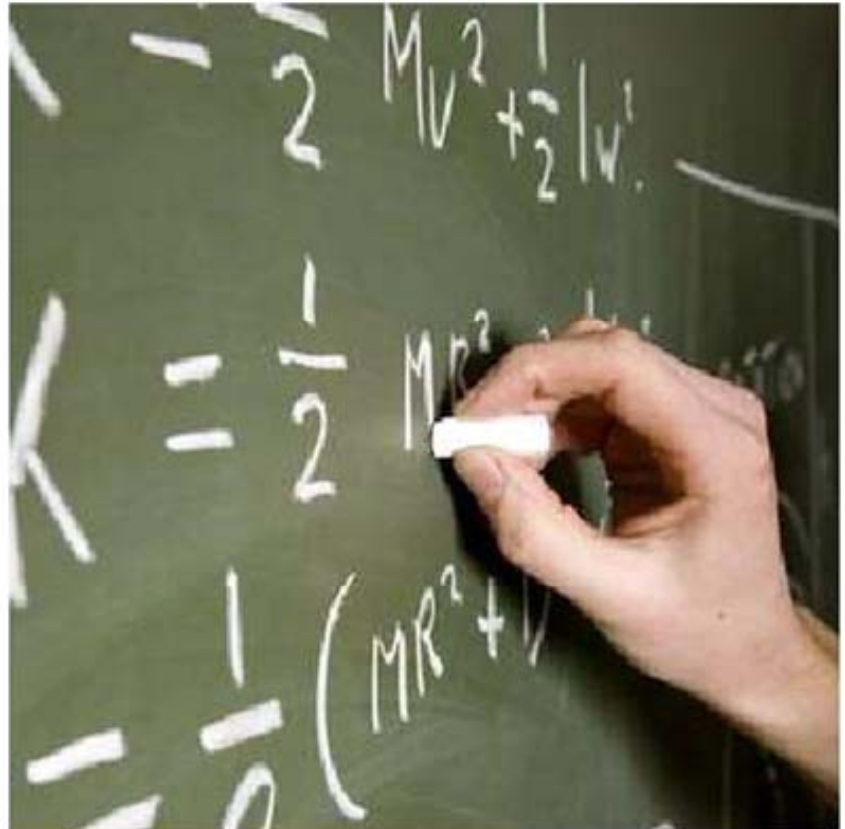
- ✓ Bio-inorganic Chemistry
- ✓ Co-ordination Chemistry
- ✓ Microcyclic Chemistry
- ✓ Spectroscopy
- ✓ Magnetism
- ✓ Polymer and Polymer anchored coordination chemistry
- ✓ Kinetics

Laboratories

- ✓ Inorganic and Organic Research Lab.
- ✓ Inorganic and Organic Research Lab.
- ✓ Physical Research Laboratory
- ✓ Spectroscopic Laboratory (FTIR and UV-visible spectrophotometers)

Mathematics Department

The department offers courses in Mathematics to both the undergraduate and postgraduate students of the Institute. The aim is to equip the engineering students with modern concepts of Mathematics and Mechanics as applied in different engineering disciplines. The department also organizes conferences and seminars in emerging area of Science & Technology and in addition to that lay thrust on research activities in vigour manner by way of fetching research projects from various funding agencies.



Papers published in Journals

- ❖ Paper entitled, “Numerical analysis of reliability and availability of the serial processes in butter-oil processing plant”, published in International Journal of Quality and Reliability, 22(3), pp. 303-316, 2005 .
- ❖ Paper entitled, ““Vibrations of a Cylindrical Cavity in an Elastic dielectric” accepted for publication in the Journal of Mathematics and System Sciences.

Physics Department



Since fundamental principles of Physics form the very basis of Engineering and Technology, the department, therefore, aims at providing the necessary knowledge of Physics to the young engineers.

The students of B. Tech are given compulsory courses in Physics in first and second semester. while a number of courses are offered as Non Departmental Electives in the 7th & 8th semesters as well.

The programmes are shared by other departments viz, Electrical Engg., Mechanical Engg., Electronics and Communication Engg. and Computer Engg. The inputs in Instrumentation stream are the candidates having the degree of M.Sc. (Physics) with two electronics papers, M.Sc. (Electronics), B Tech. (Electronics), B Tech. (Instrumentation), B Tech. (Electrical) while in Nanotechnology stream the candidates have M.Sc, (Physics), M.Sc. (Bio-science), B Tech. (Bio-Instrumentation) and all other B Tech./BE degrees.

Research Area



- ❖ Solid State Nuclear Track Detectors (SSNTDs) and Nuclear Track Filters
- ❖ Nanotechnology
- ❖ Instrumentation and Sensors
- ❖ Conducting Polymers
- ❖ Electrical Properties of Industrial Polymers
- ❖ Health and Radiation Physics
- ❖ Radon Mapping
- ❖ Nuclear Physics
- ❖ Spintronics
- ❖ Experimental condensed matter Physics



Projects

- ❖ "Low Temperature Relaxation Investigations in Energetic Ion Irradiated Engineering Polymers" .
- ❖ "Synthesis and Characterization of Multiferroic Materials with Magnetoelectric Properties"

Humanities and Social Sciences Department

The Department integrates humanistic values and social concerns with technical education. It undertakes teaching and research programs in the area of English, Economics, Management and IPR.

Communication Skills in English (one semester) Engineering Economics (one semester) Organizational Behaviour (one semester) Business Management (one semester) are compulsory undergraduate courses. In addition to the compulsory courses, the department also offers elective courses in seventh and eighth semester:

- ❖ Advanced Communication Skills in English
- ❖ Development and Planning in Indian Economy
- ❖ Entrepreneurship
- ❖ Modern Trends in Management
- ❖ Human Resource Management
- ❖ Industrial Social Responsibility



Research Facilities

- ❖ Anglo Saxon and Medieval English (Pre-Chaucerian) Poetry, Applied Linguistics (English Language Teaching, Translation Studies)
- ❖ Agricultural Economics, Industrial Economics, Indian Economy.
- ❖ Human Resources Management and Industrial Relations.
- ❖ Finance Management, Marketing Management.
- ❖ Intellectual Property Rights

Bachelor's Degree Programs

S. No	Programmes	Student Strength
1	Computer Engineering	86
2	Information Technology	61
3	Electronics & Communication Engineering	138
4	Electrical Engineering	123
5	Mechanical Engineering	129
6	Industrial Engineering & Management (Under Mechanical Engg. Deptt.)	31
7	Civil Engineering	125

Master's Degree Programmes

S. No.	Academic Department	Programmes	Student Strength
1	Computer Engineering	Computer Engineering	23
2	Civil Engineering	Structural Engineering	11
		Soil Mechanics and Foundation Engg.	12
		Transportation Engg.	11
		Water Resource Engg.	
		Environmental Engg	10
3	Electrical Engineering	Power System	17
		Power Electronics & Drives	19
		Control System	16
4	Electronics and Communication Engineering	Electronics and Communication Engineering	20
		VLSI	16
5	Mechanical Engineering	Machine Design	20
		Industrial & Production Engineering	18
		Thermal Engineering	21
6	Department of Physics	Instrumentation Engineering	16
		Nano Technology	18
7	MBA	Marketing/Finance/HR/IT Management/ International Business	38
8	MCA	Masters in Computer Application	60

Placement Procedure

- ❖ Interested companies can request the Training and Placement Section, NIT Kurukshetra through email at ptpnitk@yahoo.com.
- ❖ In some cases , the section also invite companies by the same email ID.
- ❖ The Training and Placement Section then sends the Job Announcement Form(JAF) by email to the concerned company.
- ❖ The JAF is filled by a deadline, after which T&P Section coordinate with companies and allot them suitable dates for their campus visit.
- ❖ After the allotment of the dates, the company may visit the campus for pre-placement talks, written tests and interviews.
- ❖ After the completion of the selection procedure, the company is required to announce the final list of selected students on the same day.
- ❖ The selected students are not allowed to take part in further recruitment process.

Note

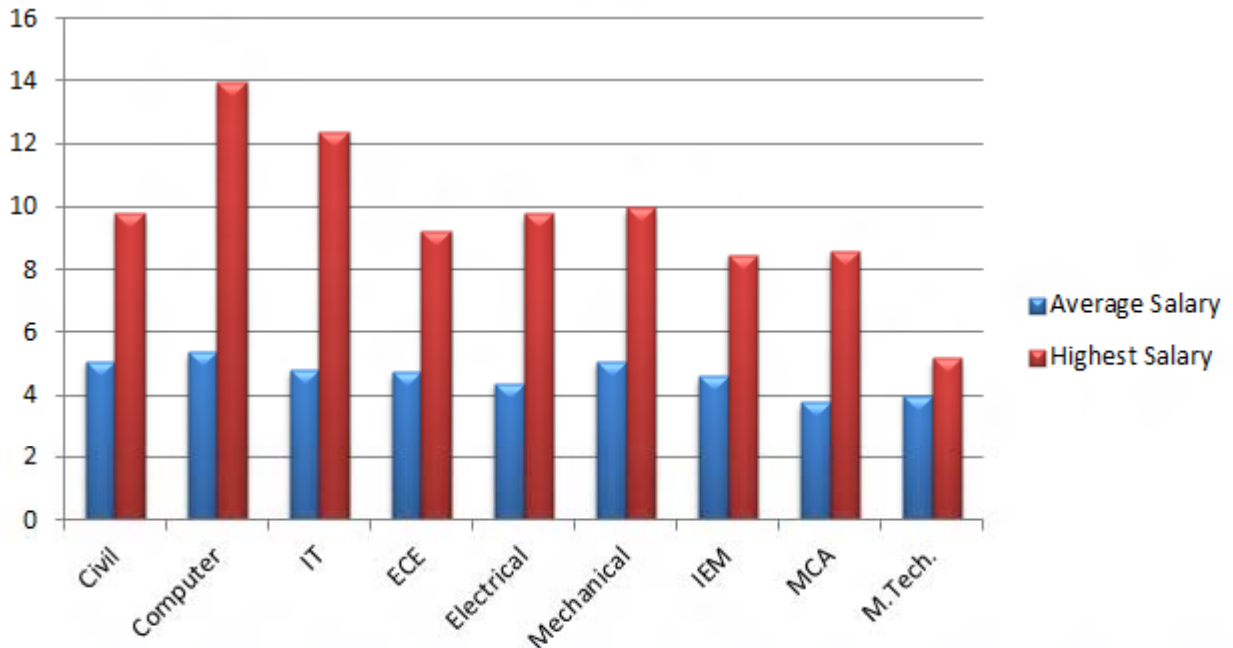
- ❖ The above rules are subject to change as and when the Training and Placement Section deems fit.
- ❖ On all matters not covered by the above rules, the Training and Placement Section shall act on its discretion and its decision would be binding on all parties.

Facilities for Recruiter

- ❖ Guest House with 26 AC rooms.
- ❖ Seminar Hall with the capacity 150 students.
- ❖ Auditorium of capacity 500 students for conducting pre-placement talks.
- ❖ GD and PI rooms.
- ❖ Rooms for written test with upto 300 capacity and analytical tests.
- ❖ Transportation facilities.
- ❖ CCN for conducting online test.
- ❖ Student volunteers for all possible arrangements on the day of visit.

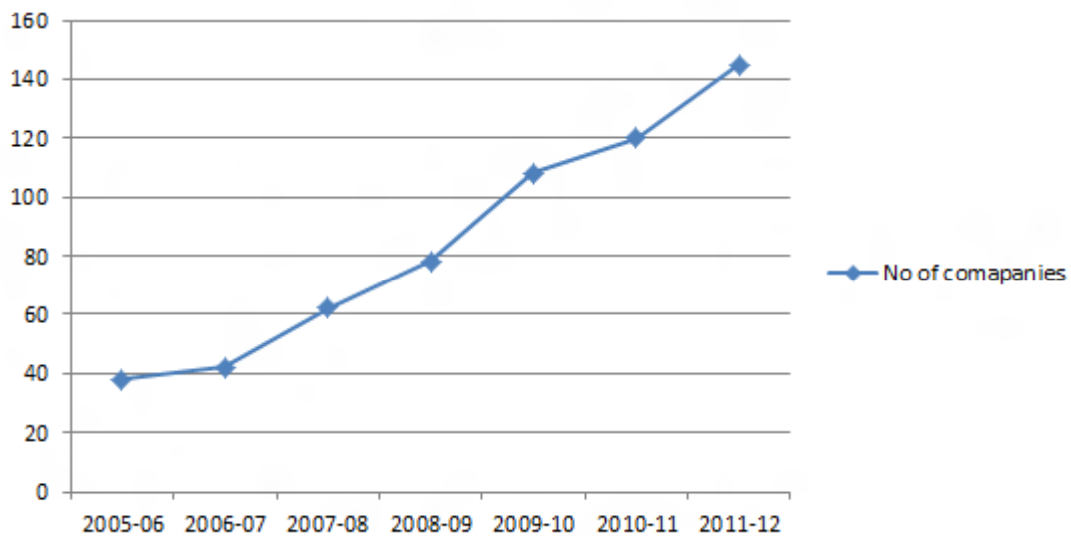


Placement Highlights

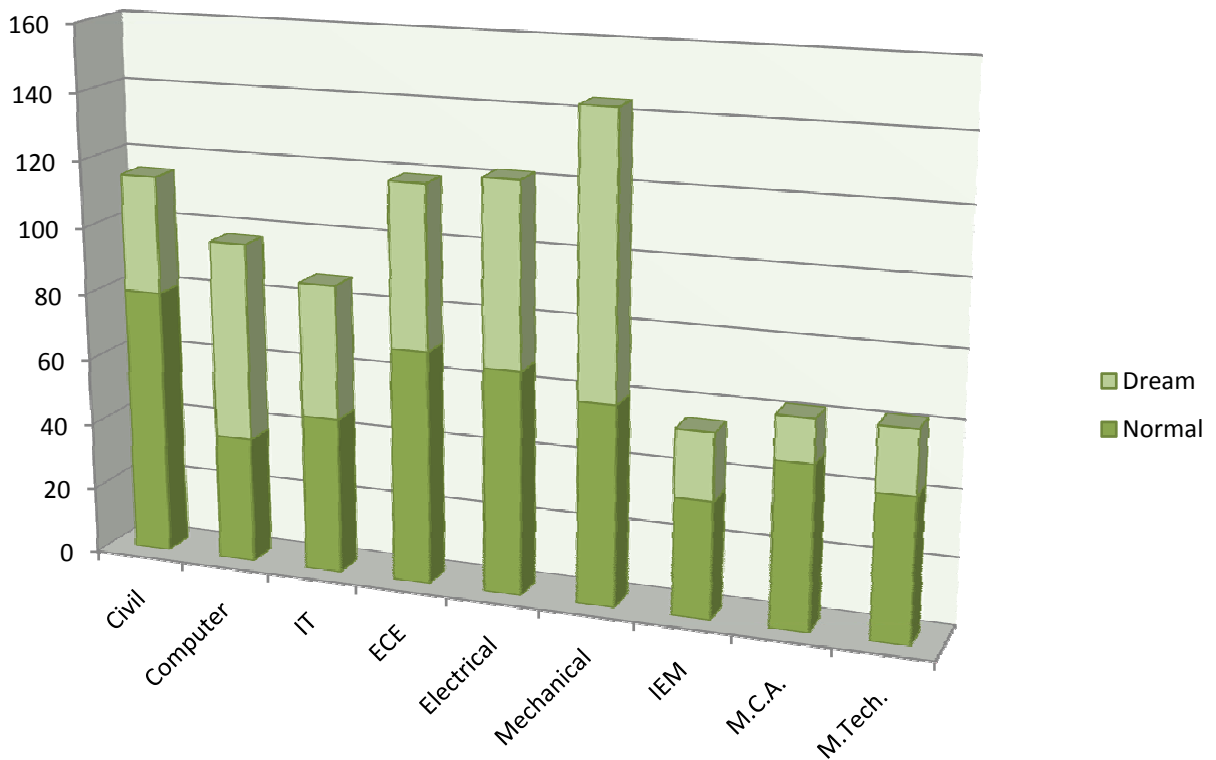
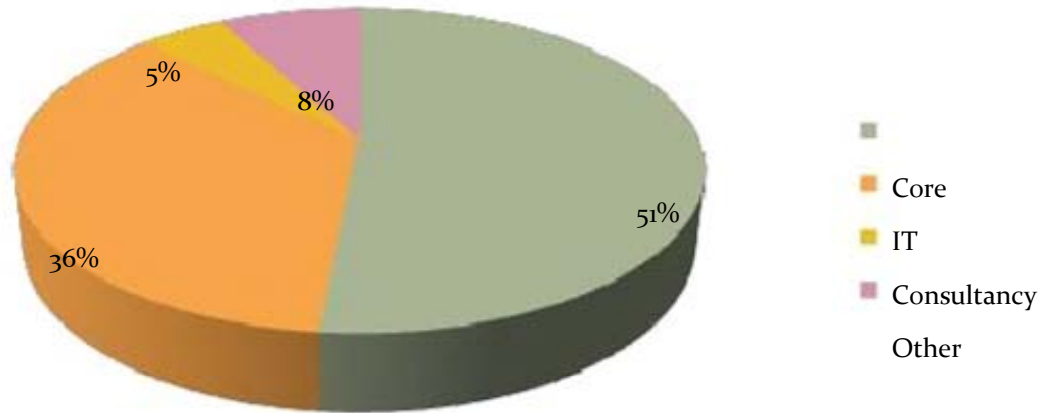


	Civil	Computer	ITECE	Electrical	Mechanical	IEM	MCA	M.Tech.	
Average Salary	5.1	5.4	4.81	4.75	4.4	5.1	4.62	3.78	4.01
Highest Salary	9.8	14	12.4	9.25	9.8	10	8.5	8.58	5.2

No of companies



Company Distribution for 2012-2013



Our Distinguished Alumni

Adesh Gupta	Chairman, Liberty Shoes Ltd.
Akhil Mahesh	Managing Director, Standard Chartered Bank
Anil Kaul	CEO & Founder, Absolute Data Analytics
Arun Kumar	Asst. Vice President-Reliance Global Management Services(P) Ltd.
B K Jain	Director, Bureau of Indian Standards
Chintapali S Raju	Chairman, i-Labs
Deepak Ansal	Managing Director, Ansal Housing Ltd.
Gopal Ansal	Chairman, Ansal Buildwell Ltd.
Sanjay Verma	Ex-MD, ITC Infotech Ltd, Member BOG, SNR Labs, USA
Harleen Oberoi	Chairman, Cushman & Wakefield Ltd.
Harnider Salwan	CEO, Tricom International
Harnider Salwan	CEO, Tricom International
Hirdesh Bedi	Sr. General Manager, Ansal Properties & Infrastructure Ltd.
Jagdish Ghai	Dy. General Manager(E&T), ONGC.
Mukesh Tyagi	Dy. General Manager-Parsvnath Developers Ltd.
P.K. Munjal	MD, Hero Honda Ltd.
Vipul Sant Director	Microsoft Gurgaon
Rajesh Kohli	Dy. General Manager, BHEL Haridwar
Ramesh Chand Singla	General Manager-LANCO Infratech LTD.
Sanjay Dhawan	CEO, Symphony Systems
S S Wadhawan	Addl. General Manager(Quality & IT), BHEL

Our Recruiters

A

Aakash Institute
ABB
Absolut Data
ACC
Accenture
Adani Power
Adobe
Afcons
Aginity
AllGo Systems
Alstom Power
Amdocs
Amdocs
Dev.Centre(l)
Angelique
Applied Materials
Areva
ARI Simulation
Aricent
Ashok Leyland
Asia Motor Works
Atlas Copco
Atos Origin
Atrenta
Amazon
Ambuja Cement

B

Balmer Lawrie
Bank of America
Bata
BCH Electric
Bechtel
BEL
Belzabar Software
BILT
Birlasoft
BPCL
Brahmos Aero Space

C

CA Tech
Cap Gemini
Caparo India
CapGemini
Carrier
CCCL
CDAC Noida
CDOT
CES
CGI
CLP India
Compro
Comvault
Comviva
Conexant
coreEL technologies
Crompton & Greaves
CSC
CTS
Cummins

D

DE Shaw
Deloitte
Denso Ltd
DRDO
Drishti-Soft
DSC Limited

E

Edifecs Technologies
EGIS
EIL
Energy Infratech
Engineers(l) Ltd.
Envirogeo
Era Construction

Ericson
Escorts
Essar Group
Evaluate Serve
EXL Inductis
EXL Service
Eicher

F

Fiserv
Flaktwoods
Flour Daniel
Freescale
Futures First
Facebook

G

Geiper
Global Logic
Goldman Sachs
Google
Grail Research
Grasim Industries
GS Construction

H

HCL
Headstrong
Hero MotoCorp Ltd.
Honda 2 Wheelers
HP
HPCL
HSCC

I

I3C
IBM
Idea

ILFS
India Bulls
Indian Army
Indian Navy
info edge
Informatica
Interra Systems
IOCL
IOTL
ISGEC
Isolux Corsen
ITC Infotech
ITD Cementation
IVY Comptech

J
Jaypee Power
JCB
Jindal Steel &
Power
John Derre
JSL
JSW Steel
Jyoti structure

K
Kanbay
Kazstroy
KEC International
Kribhco

L
L&T, Chennai
L&T, Mumbai
l-flex Solution
LG
Livewire Telecom

LnT ECC
LPU
Ltd
Lurgi

M
Magneti Marelli
Mahindra & Mahindra
Make My Trip
MAQ Software
Maruti
Maruti Suzuki
Mechartes
Mecon
MediaTek
Microsoft
Minda Group
Misys plc
Mobicules
Monnet Group
Motorola
Mu-Sigma

N
Nagarro
NBC Bearings
NDPL
NEI
Nestle
Newgen Softwares
Nomura
Norton, Mumbai
nSys
NTPC

P

Pangea 3
Pepsico India
PGCIL
ProcessMAP
Punj Lloyd

R
Rancore Tech
Rave Technologies
Royal Bank of Scotland
Reliance Energy

S
Samsung Engg.
Samsung SEL
Samsung SISO
Samtel
Sankalp Semi
Sapient
Satluj jal Vidyut N
Schneider Electric
Shapoorji
Siemens Power
Simon Carves
SimplexInfra
SVNL
SKEC
SMS Siemag
Solid Core
SRF
ST Ericsson
Sterlite Group
Study Places
Subros
Suzuki Powertrain
Snapdeal

T

TACO
Talwar N Talwar
TATA Motors
Tata Teliservices Ltd.
tBits Global
TCE
TCIL
TCS
Tech Mahindra
Technip
Techno Casting
Tejas networks
Telcon
Thought Works

V

Vedanta
Verizon
Virginia Transformer

W

Wapcos
Whirlpool
Winshuttle
Wipro

Y

Yahoo!

Z

ZS Associates
ZTE

Prof. H.K. Sharma

Professor Incharge

Mr. Jaideep Gupta

Dy. Prof-In-Charge

Teacher In-charges

Dr Jyoti Ohri

Electrical Engineering Department

Dr. Mayank Dave

Computer Engineering and IT Department

Dr. Pankaj Chandna

Industrial Engineering & Management

Dr. Vinod Mittal

Mechanical Engineering Department

Dr. Ashwani Jain

Civil Engineering Department

Dr. R.K. Sharma

Electronics and Communication Engineering

Mrs. Shama

MCA Department

Dr. P.J. Philip

MBA Department

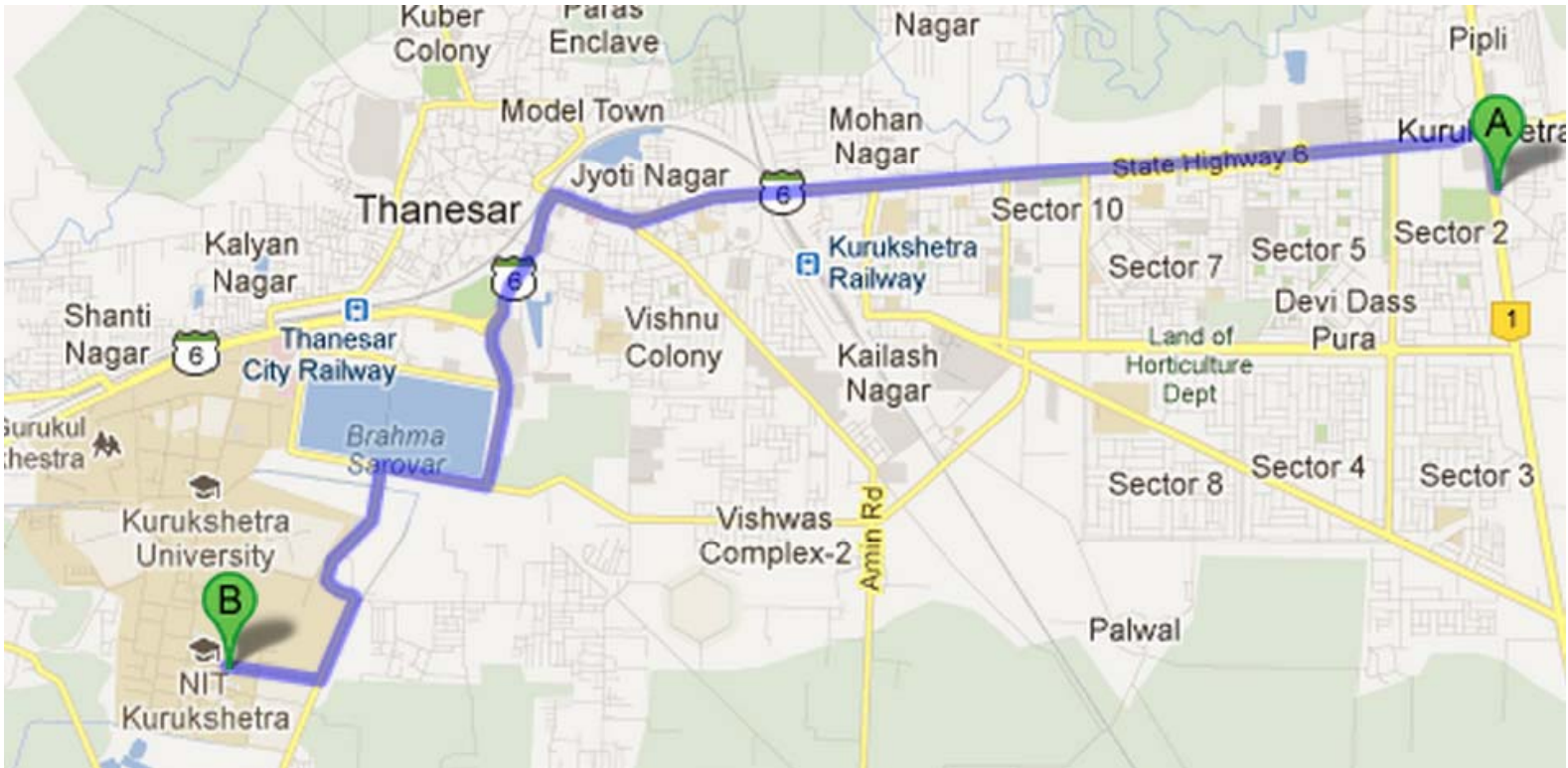
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Gaurav Goel	Computer Engineering	+91-9034901795
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Kartik Sharma	Electronics & Communication Engineering	+91-9729647714
Nishant Jha	Electrical Engineering	+91-9034317598
Aman Aggarwal	Civil Engineering	+91-8059323539
Anshul	Mechanical Engineering	+91-9416951942
Achal Goel	Industrial Engineering & Management	+91-9896076077

Placement Advisory Committee Coordinators (PG)

Name	Branch	Contact No.
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Piyush	Electronics & Communication Engineering	+91-7206488749
Tanvi	Civil Engineering	+91-9996029755
Neeraj Singh	Instrumentation Engineering	+91-9896978852
Satender Mourya	Nano-Technology	+91-9802045774
Amit Kumar	Mechanical Engineering	+91-7404201170
Manish	Computer Engineering	+91-9896505652

ROUTE MAP



New Delhi to Kurukshetra: 167 km.
Approximate Time: 3 hours, 30 minutes.

- ❖ NH1 leads straight to Pipli, Kurukshetra.
- ❖ Take a left turn from Parakeet Resort, Pipli.
- ❖ Enter Kurukshetra University, 2nd Gate.
- ❖ Head straight towards NIT main gate.

Experience Kurukshetra

Kurukshetra with its legendary past, is an evergreen infusion to our academic culture. It was here that the Mahabharata was fought and Lord Krishna preached his Philosophy of "Karma" as enshrined in the Holy Geeta to Arjuna at Jyotisar. In the very first verse of Shrimad Bhagwad Gita, Kurukshetra is described as Dharamkshetra- field of righteousness.



We warmly welcome you to
Visit us !!





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