

# GURU JAMBHESHWAR UNIVERSITY OF SCIENCE AND TECHNOLOGY HISAR



## PLACEMENT BROCHURE

GURU JAMBHESHWAR UNIVERSITY OF SCIENCE & TECHNOLOGY, HISAR

CITY GATE

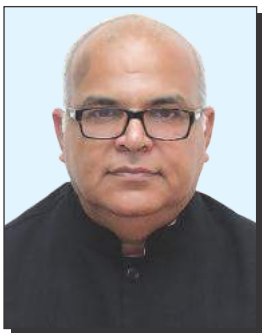
**No. 1 Technical University of the Country**

**No. 1 University of Haryana**

**24<sup>th</sup> Rank among Universities/Institutes in India (NIRF-2016, MHRD)**



**Skill India**  
कौशल भारत - कुशल भारत



## Vice-Chancellor's Message

I have the pleasure to welcome you to this State Technical University of Haryana, which was established in 1995 and has the honour of having been thrice accredited 'A' grade by National Assessment & Accreditation Council. Recently the University has been chosen as one of the few universities of the country for Global Initiative for Academic Network (GIAN) and has secured 24<sup>th</sup> rank amongst all Universities/Institutions in India. This ranking has been done by National Institutional Ranking Framework (NIRF), Ministry of Human Resource Development, Government of India, New Delhi.

It is now widely accepted that this is an institution with a difference in terms of state of the art infrastructure, peaceful corporate life, devoted teaching and non-teaching staff and student friendly environment. All these things have resulted in positive community attitude towards this institution, consideration by funding and accreditation agencies and support from the State Government.

I am certain that our students, with the help of placement office, will find their dream jobs. Equally, I am sure the organization they join will be glad to have them. I appreciate the placement office for its untiring efforts and wish the students all the best for the placement in this session.

**Prof. Tankeshwar Kumar**  
Vice-Chancellor



## Director's Message

Our University is one of the fastest growing Technical Universities of India achieving such high rankings in last two decades. In last 21 years since its inception, University has produced more than 15k bright professionals currently working in top organizations in India as well as abroad.

Due to having industry experience of more than 14 years, I personally believe that for meeting the time bound targets in qualitative manner, Industries require students having excellent learning capacity, conceptual clarity of subjects, creative mindset and exposure to new technologies. I feel proud to say that excellent infrastructure, well-structured syllabi and highly learned faculty of this University collectively have led to creation of such students.

Training & Placement cell of University is dedicated to play its role of bridge between industries and our students. Through this brochure, we would like to thank all our regular recruiters for believing in us and our vision and hope to continue and consolidate the bond that we share.

For our new recruiters, I hope that the brochure would serve as a forward. It would certainly explore GJUS&T and give an insight into how the university manages to produce a bevy of tech-savvy scientists and engineers year after the other. We look forward to mark the beginning of another meaningful and long lasting relationship.

On that note, I extend my warm and sincere welcome to all, to visit our beautiful Campus and participate in the recruitment drive at GJUS&T, Hisar.

**Pratap Singh Malik**  
Director (Training & Placement Cell)



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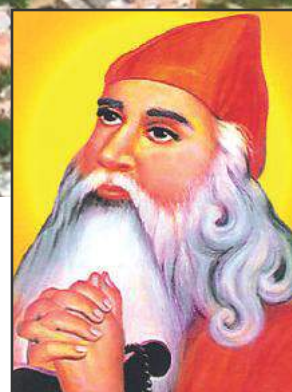


# About the University

Guru Jambheshwar University of Science & Technology, Hisar was established on October 20, 1995 to impart quality education on the frontiers of Science, Technology, Pharmacy, Environmental Studies, Non-Conventional Energy Sources, Mass Media and Management Studies. The university is sprawled over 372 acres with 9 teaching blocks with 17 teaching departments classified in 7 faculties for coordinated teaching and effective governance. University is recognized by the University Grants Commission (UGC) under Section 2(f) for recognition of degrees on 11.1.1996 and under section 12(B) of the UGC act to be eligible for central assistance on 7.2.1997. In short span of two decades we are at the top amongst state universities and national technical universities as well as 24<sup>th</sup> ranked university in India in NIRF-2016 by MHRD.



The divine guiding light in naming this university is great saint and environmentalist Guru Jambheshwar Ji who envisioned in fifteenth century the need of saving nature and initiated the sect to preach and follow the path of harmonious growth with the nature. His twenty-nine commandments became the Bible for human growth and conservation of biodiversity.



## Our Vision

To develop the University as a centre of excellence for the quality teaching, research and extension services to produce the dynamic and the knowledgeable human resources and act as a knowledge power-house capable of contributing to the national development and welfare of the society.

## Our Mission

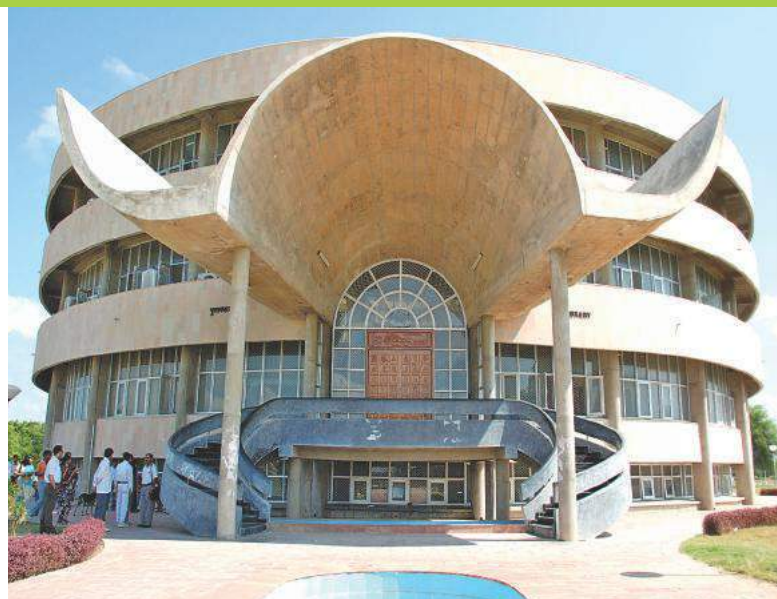
University aspires to be a globally recognized centre of excellence in the field of technical education and research. It strives to achieve this by introducing innovative job oriented courses, employing competent and motivated faculty, developing state-of-the-art infrastructure, striking purposeful linkages with industry and professional bodies, and promoting quality of work life on campus. The University focuses on the student community to imbue them with passion for knowledge and creativity and to promote sustainable growth in academic resources, student placements, holistic human development with a strong conviction for professional ethical, social and environmental issues.



# Infrastructure

## LIBRARY

The library is sanctum sanatorium in the temple of learning. The central library has a collection of 90423 books and 4351 bound volumes of journals. The library has processed the subscription of 169 Indian Journals, 64 Magazines and 20 Newspapers. The library has access to more than 6000 e-journals of 17 publishers through UGC-INFONET consortium. The University library has subscribed emerald management Xtra-175, an online database of 175 Electronic Journals during 2013. The library has two reading halls with a total capacity of 250 seats.



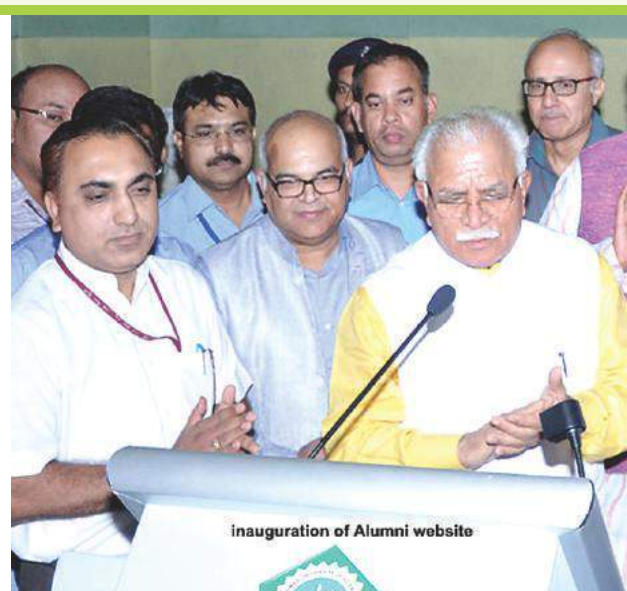
## UNIVERSITY COMPUTER AND INFORMATICS CENTRE (UCIC)



It has more than 140 computers including latest configuration servers and other peripherals. It caters to the needs of students, research scholars and faculty in the field of research, computing and software development. All the computers are connected with internet facility. Online Journals facility is also available under INFLIBNET, a UGC programme. In addition, there is a full-fledged language lab having Clarity Infinity software, which offers a variety of functions such as Recording, High Speed Copying, Test Preparation, Student Monitoring, Teacher / Student Cell, Group Conferencing etc. The website of the University has been designed and maintained by UCIC.

## CAMPUS NETWORKING CELL

Entire campus has been connected with a combination of wired and wireless network. Wireless network covers all hostels, campus, VIP guest house as well as teaching departments. The wired network consists of around 2500 nodes. The network has been empowered through high capacity and secured active and passive components. Networking cell has been connected with the bandwidth of 1 Gbps under NME/ NKEN project of MHRD. The internet connectivity has been provided through 150 Mbps leased line free of cost to faculty, staff and students of University for 24 hours. Each faculty, staff and student of University is provided E-mail address on internal mail server of university.





## CENTRAL INSTRUMENTATION LABORATORY (CIL)

CIL houses sophisticated instruments having multidisciplinary utility. These instruments are generally used to pursue R&D activities by the students and teachers of various departments. Some of the major facilities currently available are High Performance Liquid Chromatography (HPLC), Atomic Absorption Spectrophotometer(AAS), UV-VIS-NIR-Spectrophotometer and Nuclear Magnetic Resonance(NMR).



## UNIVERSITY HEALTH CENTRE

It provides necessary medical aid to the students and staff on the campus. It has two doctor cabins, dental clinic, one ward and one emergency cum observation room, one dispensing room with ambulance service.

## HOSTELS

University provides hostel accommodation to all girl students who make a request for it. There are eight hostels for boys and girls in the university, which can house more than 3000 students. In addition to this one hostel is there for Ph.D. research scholars and working women in the University.

## UNIVERSITY AUDITORIUM



Ch. Ranbir Singh auditorium forms the main component of architectural composition of the central core of university campus. The main hall is large enough for housing an audience of over 1800 persons and additional facilities of three seminar hall, one on the ground floor with a capacity of 250 persons and other two with a capacity of 125 persons each.

## GUEST/FACULTY HOUSE

Besides a VIP guest house the University has a well furnished faculty house. There are 24 rooms in the faculty house with a sitting hall, dining hall and kitchen. All the rooms of faculty house have been provided attached bathrooms. The rooms in the guest house are having all the basic amenities.



It has three multipurpose halls for indoor games. 2 synthetic badminton courts, 2 lawn tennis courts, 3 table-tennis tables, carom board, chess, 16 station multi-gym, yoga and weight lifting, one half cemented cricket pitch, one ground each for football, hand ball, cricket and athletic track of 400 meter and 3 volleyball grounds and many more sports facilities.

## SPORTS COMPLEX





# Experienced Faculty and Research



- ♦ Students are constantly engaged in research projects under the faculty guidance with an ambition to keep their knowledge updated for advancement of self and society.
- ♦ The total number of papers published by the faculty members in peer reviewed journals of national and international repute since 2009-10 is more than 2000. Out of these 1250 publications listed on Scopus till date more than 65% were listed since 2009-10.
- ♦ Faculty members have published 48 text books including 17 edited books and contributed 76 chapters in books since 2009-10.
- ♦ The Citation Index and H-Index of faculty members ranges up to 466 and 28 respectively.
- ♦ H-Index of University has gone up to 56.
- ♦ Impact Factor of the papers is up to 6.05.
- ♦ External research funding more than ₹2.5 crores during last 4 years.

- ♦ Bio and Nano Technology Centre - To train competent technocrats and creating knowledge power house in the areas of Nano Technology, Microbiology, Biotechnology, Molecular Biology and Genetic Engineering.
- ♦ Raman Thin Film Laboratory- developed with the DRDO grant of ` 4 crores.
- ♦ Radioecology Centre - To carry out baseline environmental studies for nuclear radioecology research in collaboration with BARC, Mumbai; BRNS, Mumbai; NPCIN, India.
- ♦ Food Research and Analysis Centre (FRAC) – To cater the needs of industries, farmers, & others in area of food quality testing in special reference to wheat.



- ♦ 08 Departments of the University have been awarded the SAP-DRS projects by UGC.
- ♦ Department of Bio and Nano Technology is being provided HRD grant/ Bioinformatics Facilities(BIF) grant by the Department of Biotechnology, Govt. of India under various schemes to the tune of ₹3.48 crores.
- ♦ 3 University Departments have been awarded DST-FIST grants.
- ♦ The university has been funded twice by TEQIP scheme of the World Bank.





# Departments and Academic Programmes

1. Computer Science and Engineering
2. Mechanical Engineering
3. Electronics and Communication Engineering
4. Printing Technology
5. Biomedical Engineering
6. Food Technology
7. Bio and Nano Technology
8. Environmental Science and Engineering
9. Pharmaceutical Sciences
10. Physics
11. Haryana School of Business
12. Chemistry
13. Mathematics
14. Communication Management and Technology
15. Physiotherapy
16. Applied Psychology
17. Religious Studies



# Department of Computer Science and Engineering



Department strive to prepare students for information technology industry, educational institutions and research organizations. Strong research groups exist in the area of Data Mining, Soft Computing, Ad-hoc Mobile Networks, Software Engineering and Image Processing. UGC has recognized the academic and research achievements of the Department and covered it under its Special Assistance Programme (SAP).

## FACILITIES

- ◆ Data Structure Lab
- ◆ Database Management Lab
- ◆ Computer Network Lab
- ◆ Computer Graphics Lab
- ◆ Web Development and Core Java Lab
- ◆ Intelligent System Lab
- ◆ Linux Operating System Lab
- ◆ Compiler Design Lab
- ◆ Visual Programming Lab
- ◆ Advance Java Lab
- ◆ Research Lab
- ◆ Project Lab
- ◆ Seminar Hall
- ◆ Conference Hall
- ◆ Networking Cell

## MAJOR SUBJECTS OFFERED

- ◆ C/C++/JAVA/WEB Programming
- ◆ Computer Network and Communication
- ◆ Data Structure and Algorithms
- ◆ Principles of Software Engineering
- ◆ Data Mining
- ◆ Computer Organisation and Architecture
- ◆ Computer Graphics
- ◆ Cloud Computing
- ◆ Principles of Operating Systems
- ◆ Theory of Automata and computation
- ◆ Analysis and Design of Algorithms
- ◆ Database Management System
- ◆ Compiler Design
- ◆ Artificial Intelligence



## ACADEMIC PROGRAMMES

- ◆ B.Tech. (Computer Science and Engineering)
- ◆ B.Tech. (Information Technology)
- ◆ Master of Computer Applications (MCA)
- ◆ M.Tech. (Computer Science and Engineering)
- ◆ Ph.D.



# Department of Mechanical Engineering

Department seeks to combine excellence in education and research with service to society. The goal of our academic program in Mechanical Engineering is to provide students with a balance of intellectual and practical experiences that enable them to address a variety of societal needs. We seek to produce future leaders for industry, academia, government and society.



## FACILITIES

- ◆ Strength of Material Lab
- ◆ Theory of Machine Lab
- ◆ Fluid Mechanics and Hydraulic Machines Lab
- ◆ CAD Lab
- ◆ CNC Lab
- ◆ Tribology Research Lab
- ◆ Heat Transfer Lab
- ◆ I.C. Engine Lab
- ◆ Refrigeration and Air Conditioning Lab
- ◆ Workshop
  - Machine Shop
  - Welding Shop
  - Foundry and Forging Shop
  - Pattern Making Shop
  - Fitting Shop



## MAJOR SUBJECTS OFFERED

- ◆ Thermodynamics
- ◆ Heat Transfer
- ◆ Machine Design
- ◆ Refrigeration and Air Conditioning
- ◆ Theory of Machines
- ◆ CNC Programming
- ◆ Mechanical Vibration
- ◆ Energy Conversion
- ◆ Computer aided Design and Manufacturing
- ◆ Internal Combustion Engine and Gas Turbine
- ◆ Manufacturing Engineering
- ◆ Tribology
- ◆ Material Science
- ◆ Fluid Mechanics and Machines
- ◆ Industrial Engineering
- ◆ Strength of Materials
- ◆ Tool Engineering

## ACADEMIC PROGRAMMES

- ◆ B.Tech. (Mechanical Engineering)
- ◆ M.Tech. (Mechanical Engineering)
- ◆ Ph.D.

# Department of Electronics and Communication Engineering



To meet today's challenges in the industries around the world, we impart quality education in various areas of Electronics and Communication with broad emphasis on design aspect of electronics system. As a discipline, it focuses on the design of underlying hardware systems. Our curriculum is directed to applications in major areas such as telecommunications, energies and electronics sector, while encouraging development of necessary skills for integration of hardware and software components.

## FACILITIES

- ◆ Electronics Measurement Instrumentation Lab
- ◆ Microwave and Antenna Lab
- ◆ Digital Electronics Lab
- ◆ Communication Lab
- ◆ Advanced Communication Lab
- ◆ Analog Electronics Lab
- ◆ Software and Simulation Lab
- ◆ VLSI Design Lab
- ◆ Microprocessor Lab
- ◆ Control System Lab
- ◆ ET/NT Lab
- ◆ Computer Hardware and Maintenance Lab
- ◆ Research Lab
- ◆ Projects Lab

## MAJOR SUBJECTS OFFERED

- ◆ Communication System Engineering
- ◆ MOS Integrated Circuits and Systems
- ◆ Analog and Digital Electronics
- ◆ Network Theory
- ◆ Advance Microprocessor and Interfacing
- ◆ Digital Signal Processing
- ◆ Digital Communication
- ◆ Semiconductor Devices
- ◆ Digital VLSI Design
- ◆ Microwave Engineering
- ◆ Embedded System Design
- ◆ Wireless Communication
- ◆ Electronic Measurement and Instrumentation
- ◆ Digital System Design
- ◆ Advanced Optical Communication System
- ◆ MEMS and IC Integration



## ACADEMIC PROGRAMMES

- ◆ B.Tech. (Electronics and Communication Engineering)
- ◆ M.Tech. (Electronics and Communication Engineering)
- ◆ Ph.D.



# Department of Printing Technology

Our objective is to impart high quality teaching and practical exposure to the prospective students in field of Printing and Packaging Technology. State of the art facilities are created in the Department to provide complete practical exposure to the students. Apart from industrial training, industrial visits, live project work, seminar, workshops and conferences, and expert lectures are conducted at regular intervals for overall development of the students.



## FACILITIES

- ◆ Sheet Fed Offset Printing Workshop
- ◆ Gravure Printing Workshop
- ◆ Computer Graphics Lab
- ◆ Digital Print Application Lab
- ◆ Flexo Printing Lab
- ◆ Paper, Ink and Materials Testing Lab
- ◆ Web Offset Printing Work Station
- ◆ Print Finishing Lab

## ACADEMIC PROGRAMMES

- ◆ B.Tech. (Printing Technology)
- ◆ B.Tech. (Packaging Technology)
- ◆ M.Tech. (Printing Technology)
- ◆ Ph.D.

## MAJOR SUBJECTS OFFERED

- ◆ Gravure Technology
- ◆ Theory of Printing
- ◆ Offset Technology
- ◆ Flexography
- ◆ Print Finishing
- ◆ Computer Graphics in Printing
- ◆ Printing Machinery Maintenance
- ◆ Printing Materials
- ◆ Printing Ink Technology
- ◆ Computer Application in Printing
- ◆ Quality Control
- ◆ Web Offset Printing
- ◆ Packaging Technology
- ◆ Printer's Costing and Estimating
- ◆ Digital Printing





# Department of Biomedical Engineering



Department of Biomedical Engineering aims to promote global health through education and research that bridges the gap between medicine and engineering. Department intends to provide best professionals in health services by training the coming generation with cultivation of leadership abilities and nurturing the integration of Science, Engineering and Medicine.

## FACILITIES

- ◆ Biomedical Instrumentation Lab
- ◆ Anatomy and Physiology Lab
- ◆ Biochemistry Lab
- ◆ Signal Processing and Signal Conditioning Lab
- ◆ Histology and Clinical Sciences Lab
- ◆ Medical Electronics and Project Lab

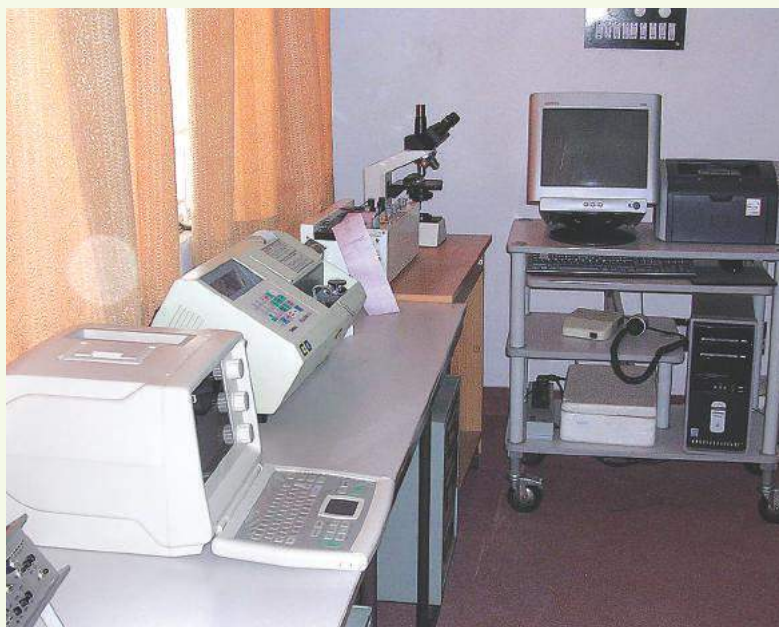


## ACADEMIC PROGRAMMES

- ◆ B.Tech. (Biomedical Engineering)
- ◆ M.Tech. (Biomedical Engineering)

## MAJOR SUBJECTS OFFERED

- ◆ Analog and Physiology
- ◆ Electronic Device and Components
- ◆ Biochemistry
- ◆ Digital Circuits and Systems
- ◆ Transducers and Sensors
- ◆ Biomedical Instrumentation
- ◆ Clinical Sciences
- ◆ Medical Imaging Technology
- ◆ Control System and Medicine
- ◆ Medical Devices
- ◆ Microprocessors
- ◆ Biomaterials and Components
- ◆ Biomechanics
- ◆ Rehabilitation Engineering





# Department of Food Technology

We put emphasis on quality education and training activities to meet growing demand of food processing industries in addition to pioneering the development of innovative technologies for conservation and processing of raw foods with value addition. We train the best talents of the nation in order to provide support base for the country's food security and changing food science scenario of the world.



## FACILITIES

- ◆ Food Analysis and Research Lab
- ◆ Food Testing Lab
- ◆ Grain Processing Lab
- ◆ Baking Lab
- ◆ Fruits and Vegetables Processing Lab
- ◆ Packaging Laboratory



## ACADEMIC PROGRAMMES

- ◆ B.Tech. (Food Technology)
- ◆ M.Sc. (Food Technology)
- ◆ M.Tech. (Food Technology)
- ◆ Post Graduate Diploma in Bakery Science & Technology
- ◆ Ph.D.

## MAJOR SUBJECTS OFFERED

- ◆ Advances in Food Science and Technology
- ◆ Technology of Beverages
- ◆ Unit Operations in Food Processing
- ◆ Thermodynamics
- ◆ Dairy Technology
- ◆ Baking and Confectionary Technology
- ◆ Technology of Fruits and Vegetables
- ◆ Fermentation Technology
- ◆ Technology of Cereals
- ◆ Nutraceuticals and Functional Food
- ◆ Technology of Meat, Fish and Poultry
- ◆ Novel Food Packaging Techniques
- ◆ Packaging Technology
- ◆ Food Quality Assurance
- ◆ Bioprocess Technology
- ◆ Refrigeration and Air Conditioning
- ◆ Food Biotechnology
- ◆ Food Plant Sanitation



# Department of Bio and Nano Technology



Department aims to generate trained manpower in the areas of Biotechnology, Microbiology and Nano Science and Technology and attempts to integrate research and teaching to harness maximum potential, and has emerged as a centre of excellence in imparting quality teaching and training at Post-Graduation level and propagating research activities in diverse field of this important science. Such a course will not only equip the students with sound knowledge and expertise in these areas but will also create avenues for research and job opportunities in future and for self-employment.

## FACILITIES

- ◆ Plant Molecular Biology Lab
- ◆ Nano biotechnology and Drug Delivery Lab
- ◆ Bioinformatics and Simulation Lab
- ◆ Microbial Biotechnology Lab
- ◆ Genomics and Proteomics Lab
- ◆ Fermentation and Immuno-Technology Lab
- ◆ Nanomaterial Synthesis and Characterization Lab
- ◆ Biosensors and Thin Film Lab
- ◆ Applied Microbiology and Nanotoxicology Lab
- ◆ Plant Tissue Culture and inoculation Facility
- ◆ Cyanobacterial Culture and inoculation Facility

## ACADEMIC PROGRAMMES

- ◆ M.Tech. (Nano-Science & Technology)
- ◆ M.Sc. (Biotechnology)
- ◆ M.Sc. (Microbiology)
- ◆ Ph.D. (Biotechnology, Microbiology, Nano Science and Technology)

## MAJOR SUBJECTS OFFERED

- ◆ Semiconductor Nanostructures and Nano Particles
- ◆ Synthesis and Characterization of Nanomaterials
- ◆ Instrumentation Techniques for Nanotechnology
- ◆ Nanosensors and Nanodevices
- ◆ Nano Composites
- ◆ Nanomedicine and Drug Delivery
- ◆ General Microbiology
- ◆ Food Microbiology
- ◆ Principles of Immunology
- ◆ Environmental Microbial Technology
- ◆ Medical Microbiology
- ◆ Bio-Safety, Bio Business and IPR
- ◆ Structure, Function and Metabolism of Biomolecules
- ◆ Theory and Application of Biotechniques
- ◆ Genetic Engineering
- ◆ Enzymology and Enzyme Technology





# Department of Environmental Science and Engineering

We offer professional and job oriented course curricula to strengthen R&D activities, and to offer consultancy and extension activities to stake holders. The Faculty members are engaged in research in the frontier areas of science and technology. There are a number of R & D projects supported by various government agencies being implemented in the Department. The laboratories are equipped with "state-of-the-art" facilities. Students are provided with enabling ambience that promotes culture, sports, societal contributions, art, self-governance and human values. We are providing consultancy to industries on pollution control regularly.



## FACILITIES

- ♦ Air Quality Lab
- ♦ Eco-Technology Lab
- ♦ GIS Lab
- ♦ Bioremediation Lab
- ♦ Waste Management Lab
- ♦ Environmental Biotechnology Lab
- ♦ Environmental Geology Lab
- ♦ Instrumentation Lab
- ♦ Waste Water Treatment Lab
- ♦ Atomic Absorption Spectrophotometer (AAS) Lab

## ACADEMIC PROGRAMMES

- ♦ M.Tech. (Environmental Science and Engineering)
- ♦ M.Tech. (Geo-Informatics)
- ♦ M. Sc. (Environmental Sciences)
- ♦ Ph.D.

## MAJOR SUBJECTS OFFERED

- ♦ Instrumentation for Environment Analysis
- ♦ Air Pollution and Control
- ♦ Environmental Microbiology
- ♦ Industrial Pollution Management
- ♦ Environmental Modeling
- ♦ Design of Industrial Emission Control System
- ♦ Environmental Biotechnology
- ♦ Water and Sewage Treatment
- ♦ Pollution Management
- ♦ Unit Operation and Process
- ♦ Environmental Health and Toxicology
- ♦ Environmental Policy and Impact Assessment
- ♦ Ecotechnology
- ♦ Water Shed Management
- ♦ Solid Waste Management
- ♦ Energy and Environment



# Department of Pharmaceutical Sciences



Department strives to update the knowledge and important industry relevant skills of its faculty, research scholars and students. Department is having on its expert's panel a galaxy of reputed academicians and professionals from pharmaceutical industry who visit Department regularly to share the latest advancements and technology with our students and faculty. The courses are designed to impart knowledge on various aspects of drug design, drug development testing and drug delivery systems. The courses are perfect blend of biology with engineering and technology for safe and effective use of drugs and medicines.

## FACILITIES

- ◆ Pharmaceutics Lab
- ◆ Pharmaceutical Chemistry Lab
- ◆ Pharmacognosy Lab
- ◆ Pharmacology Lab
- ◆ Instrumentation Lab
- ◆ Animal House
- ◆ Machine Room
- ◆ Pharm Micro Lab
- ◆ Sophisticated Instrumentation Lab
- ◆ Drug Design Lab
- ◆ Research Lab

## ACADEMIC PROGRAMMES

- ◆ B.Pharm.
- ◆ M.Pharm. (Pharmaceutical Chemistry, Pharmaceutics, Pharmacology, Pharmacognosy)
- ◆ Ph.D.

## MAJOR SUBJECTS OFFERED

- ◆ Pharmaceutical Engineering
- ◆ Pharmacology
- ◆ Pharmaceutical Technology
- ◆ Pharmacognosy
- ◆ Dosage Form Design
- ◆ Biochemistry
- ◆ Pharmaceutical Analysis
- ◆ Pharmaceutical Biotechnology
- ◆ Medicinal Chemistry
- ◆ Bio pharmaceutics and pharmacokinetics
- ◆ Advanced Pharmaceutical Analysis
- ◆ Pharmaceutical Microbiology
- ◆ Pharmaceutical Chemistry
- ◆ Forensic Pharmacy





# Department of Physics

We started a Master's programme in Physics with the thrust areas of Laser Technology, Fiber Optics and Optical Communication, and Materials Science. Our courses offer opportunities to students to branch out into various specializations. The courses are innovatively structured with the basic knowledge in Physics and offering a big basket of options of specializations. We are having a multidisciplinary M.Tech. course in Optical Engineering which is blend of applied Science and Engineering.



## FACILITIES

- ♦ Laser Laboratory (DST-FIST Aided)
- ♦ Raman Thin Film Laboratory (DRDO Aided)
- ♦ Material Science Laboratory
- ♦ Material Science Research Lab (DST-FIST Aided)
- ♦ Polymer Lab
- ♦ Sol-Gel Lab
- ♦ Fiber Optics and Instrumentation Lab
- ♦ Interferometry Lab
- ♦ Electronics Laboratory
- ♦ Simulation Lab (LabVIEW, OptiFDTD and OptiFIBER)
- ♦ Synthesis Lab

## ACADEMIC PROGRAMMES

- ♦ M.Sc.(Physics)
- ♦ M.Tech.(Optical Engineering)
- ♦ Ph.D. (Physics, Optical Engg.)

## MAJOR SUBJECTS OFFERED

- ♦ Digital Image Processing
- ♦ Nonlinear Optics
- ♦ Optical Materials and Thin Films
- ♦ Optical and Optomechanical System Design
- ♦ Laser Engineering
- ♦ Optical Fiber Communication and Network
- ♦ Optical Instrumentation
- ♦ Guided Wave Optical Components and Devices
- ♦ Integrated Optics and Information Technology
- ♦ Semiconductor Optics
- ♦ Optical Fibers, Components and Devices
- ♦ Space Science and Astro Optics
- ♦ Multispectral and Infrared Imaging
- ♦ Machine Vision
- ♦ Condensed Matter Physics
- ♦ Nuclear Physics
- ♦ Computational Physics
- ♦ Material Science



# Haryana School of Business



We started in the year 1994 with Faculty of Management having Department of Business Management with 16 seats and Department of Business Economics with 30 seats as part of the regional centre to promote study and research in emerging areas of business education. The regional centre grew into a full-fledged University-Guru Jambheshwar University of Science and Technology, Hisar on 1<sup>st</sup> November 1995. To enable the practicing professionals in Hisar and adjoining area to acquire quality higher education an MBA (evening) programme was also started in the academic year 1997-98. Department also started offering Ph.D. programme in management.

## FACILITIES

- ♦ UGC-INFONET RESOURCE
- ♦ Laboratories
- ♦ ICT Infrastructure
- ♦ Audio Visual Aids

## ACADEMIC PROGRAMMES

- ♦ Master of Business Administration (MBA)
  - MBA (Finance)
  - MBA (Marketing)
  - MBA (International Business)
- ♦ Master of Commerce (M.Com.)
- ♦ M.Sc. (Economics)
- ♦ Ph.D.

## MAJOR SUBJECTS OFFERED

- ♦ Management Process and Organisational Behaviour
- ♦ International Business
- ♦ Business Statistics
- ♦ Management Science
- ♦ Business Communication
- ♦ Research Methodology
- ♦ Computer Applications in Business
- ♦ Business Policy and Strategic Management
- ♦ Marketing Management
- ♦ Business Legislation
- ♦ Human Resource Management
- ♦ Entrepreneurship Development
- ♦ Financial Management
- ♦ Business Ethics
- ♦ Production and Operations Management
- ♦ Labour Laws





# Department of Chemistry

Department has adopted the UGC Model Curriculum for its course. The group discussion, seminar etc. are essential components of our course to enhance understanding of subject in depth to tackle problems independently and to adapt them to accept the new challenges in the thrust area in present scenario. Extension lecturers, industrial visit, workshop and interaction with industry person are other important activities of the Department.



## FACILITIES

- ♦ Polymer Lab
- ♦ Instrumentation Lab
- ♦ Physical Chemistry Research Lab
- ♦ Inorganic Chemistry Research Lab
- ♦ Organic Chemistry Research Lab

## ACADEMIC PROGRAMMES

- ♦ M.Sc. (Chemistry)
- ♦ Ph.D.

# Department of Mathematics

Mathematics is a pioneer subject which finds applications in all fields of Science and Technology. The courses taught in M.Sc. Programme include Analysis, Topology, Differential Equations, Mechanics, Integration Theory, Integral Equations, Differential Geometry, Algebra, Discrete Mathematics, Mathematical Methods and Computer Programming etc. Department is having a well equipped Computing Lab.



## FACILITIES

- ♦ Computational Lab
- ♦ Simulation Lab
- ♦ Research Lab

## ACADEMIC PROGRAMMES

- ♦ M.Sc. (Mathematics)
- ♦ Ph.D.

# Department of Communication Management and Technology



## FACILITIES

- ◆ Studio
- ◆ Multimedia Lab
- ◆ Media Archive cum Lab

## ACADEMIC PROGRAMMES

- ◆ M.Sc. (Mass Communication)

Our M.Sc. Mass Communication course is tailored to enable the students work in News Papers and Magazines, Radio, TV Channels and Video Production Houses, Advertising Agencies, and Public Relations units of private, public and Government Departments.

## MAJOR SUBJECTS OFFERED

- ◆ Communication and Information Technology
- ◆ Presentation and Communication Skills
- ◆ Graphics and Media Production
- ◆ Management and Marketing Principles
- ◆ Communication Research
- ◆ Media Law
- ◆ Mass Media Structure and Management
- ◆ Media Writing

# Department of Physiotherapy



## FACILITIES

- ◆ Hydrotherapy Lab
- ◆ Electrotherapy Lab
- ◆ Exercise Therapy and Neuro Rehab Lab
- ◆ Electrodagnosis Lab

Department is committed to provide quality education, training and professional consultation services in the field of physiotherapy. During the course students are trained to assess, diagnose and provide necessary treatment and rehabilitation to the patients at department O.P.D. as well as multi speciality hospitals. Master of Physiotherapy course curriculum has been designed to give highly specialized training to the students in their respective fields of specializations along with clinical postings and dissertation work.

## ACADEMIC PROGRAMMES

- ◆ Bachelor of Physiotherapy
- ◆ Masters of Physiotherapy
  - Musculoskeletal Disorders
  - Sports Physiotherapy
  - Neurological Disorders
  - Pediatric Physiotherapy
  - Cardiothoracic and Pulmonary Disorders



# Student Activities



## INCEPTRE

INCEPTRE is a techno-cultural fest, organizing by GJUS&T. It is an amalgam of cultural endeavors and technical quanta events. Aim of this fest is to encourage the students towards innovation in technology. Event is studded with scores of nerve wrecking competitions like MATHS MASTERMIND, Technobuzz, Technical Dumbhashraj, I-CAT, and many more.

## Rise (ORBITEK)

Department of Electronics and Communication Engineering organizes this annual Tech fest for students and different technical activities for the intellects to forge their genre of Interest. It is state level technical Fest. The fest comprises of both Technical and Non-technical categories which is conducted in University.

## NATIONAL SERVICE SCHEME

Seven days camps, National integration camps are the integral part of the NSS in the University. The NSS units have been involved in awareness programmes related to prevention of HIV/AIDS, female feticide and drug addiction etc. NSS volunteers are also involved in the activities related to literacy, plantation, cleanliness and blood donation.



## Sports

A number of sports meets having Inter-University, State and National level are a regular feature of this University.





# Facilities to the Recruiters

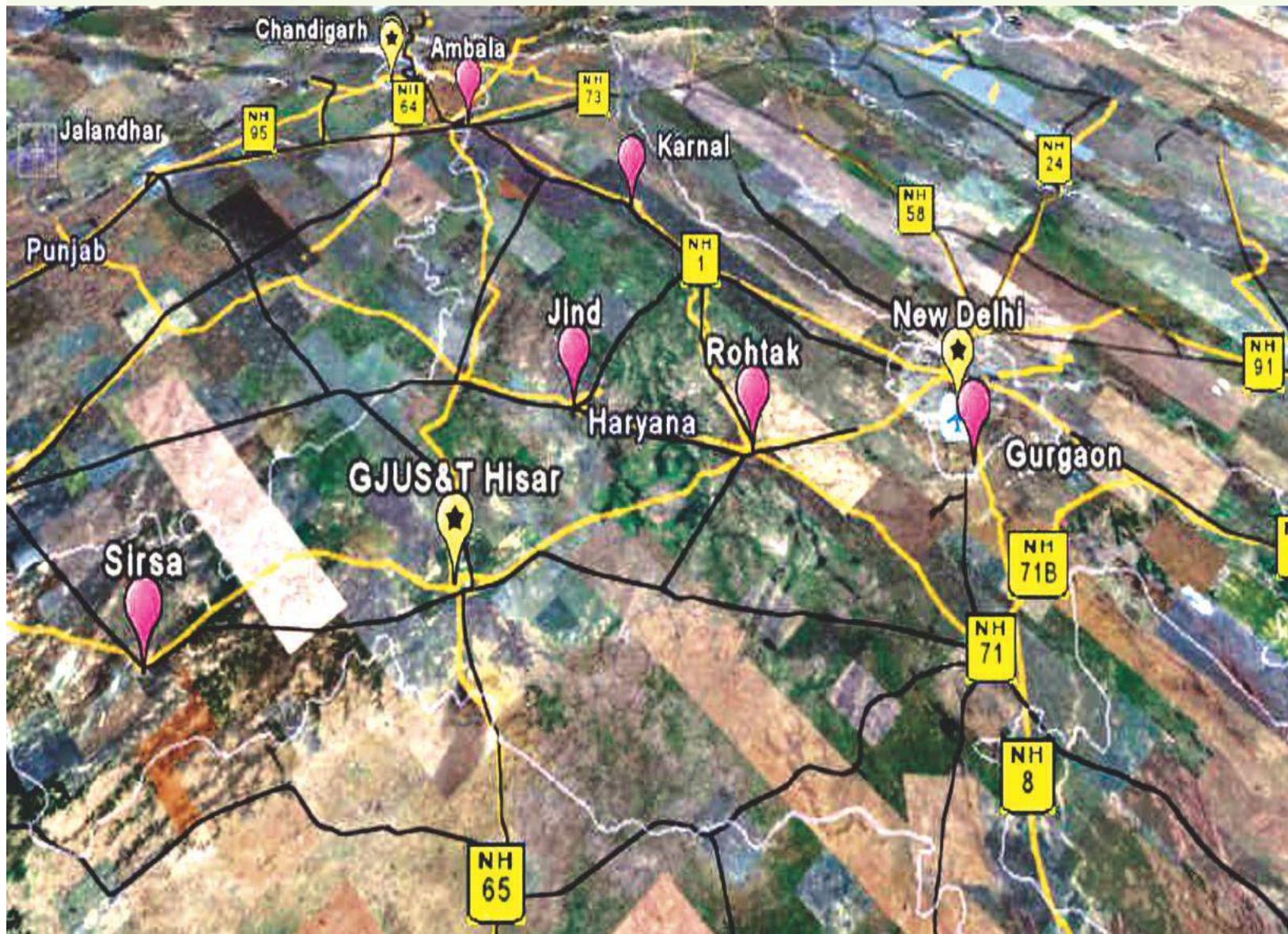
- ◆ Guest/Faculty House with AC rooms.
- ◆ Seminar Halls with the capacity 250 students , 125 students and 100 students for conducting pre-placement talks and written test
- ◆ Group Discussion and Personal Interviews rooms
- ◆ Transportation facilities
- ◆ Facilities for conducting online test
- ◆ University have an auditorium with capacity of 1800 students which may be suitable for joint campus placement





# Campus Reachability

University is situated at Hisar, at about 166 Kms. from Delhi on Delhi-Rohtak-Hisar-Sirsa-Fazilka National Highway (NH-10) and at a distance of about 230 Kms. from Chandigarh on NH-65. It is well connected by rail and road.





# Past Recruiters





# Training and Placement Cell

## Sh. Pratap Singh Malik

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