



**Department of Training & Placements**  
**DELHI TECHNOLOGICAL UNIVERSITY**  
(Formerly Delhi College of Engineering)

# **PLACEMENT BROCHURE**

## **2024-25**







**COURAGE IS NOT THE  
ABSENCE OF FEAR, BUT THE  
TRIUMPH OVER IT.**

**–SUBHASH CHANDRA BOSE**

DTU envisions a holistic and dynamic education in science, technology, design and management that shapes students into responsible contributors of the industry, society and nation.



# FROM VICE CHANCELLOR'S DESK



Delhi Technological University (DTU), formerly Delhi College of Engineering, has a distinguished legacy of over 84 years in delivering high-quality education, pioneering research, and fostering innovation. As one of the country's premier institutions, DTU remains committed to producing competent, industry-ready professionals across diverse disciplines including engineering, technology, management, and finance. Our academic programs are designed to provide a strong foundation in core principles, complemented by hands-on projects, research opportunities, and holistic development initiatives that nurture both technical competence and leadership qualities. The University maintains strong linkages with industry and actively promotes collaborative initiatives that ensure our graduates are well-prepared to meet evolving professional challenges. Our distinguished faculty actively bridge the gap between academia and industry, engaging in collaborative research and practice. To our valued industry partners, I extend an invitation to collaborate with DTU's skilled and motivated student cohort. We are confident that our graduates will contribute meaningfully to your organizations, both in technical capability and professional conduct. To our students, I encourage you to make the most of the opportunities that come through the Department of T&P. I am sure that all of you will carry forward DTU's legacy with integrity, adaptability, and a deep sense of responsibility. Let your knowledge and values guide you in shaping a better future for yourself and for society. I commend the efforts of the Department of Training and Placement in strengthening industry-academia collaboration and in paving the way for our students' success. As we continue to grow and evolve together, I extend my best wishes to our students for success in all their future endeavours, and to our industry partners, I wish continued innovation and prosperity. May this collaboration between our young talent and industry partners lead to a brighter, stronger, and more sustainable future for all of us.

**Prof. Prateek Sharma**  
Vice Chancellor



# FROM HOD'S DESK

It is my pleasure to welcome you to the Training and Placement portal of Delhi Technological University. At DTU, we recognize that academic excellence must be complemented by strong industry engagement. The Department of Training and Placement serves as a strategic link between the university and the corporate world, facilitating career opportunities for students while supporting the talent acquisition needs of our recruitment partners. Our students are among the most talented and dedicated in the country. Through a comprehensive curriculum, hands-on learning, and consistent mentoring, they develop the skills and mindset needed to contribute meaningfully in dynamic professional environments. I extend my sincere appreciation to all our valued recruiters for their continued trust and association with DTU. We are committed to supporting the talent needs of our recruiters by connecting them with students who are not only academically strong but also adaptable, analytical, and ready to take on real-world challenges. We welcome all our recruiters to engage with our students through internships, full-time placements, live projects, and campus connect initiatives. I encourage all the students to participate fully in the opportunities offered, approach each interaction with professionalism, and uphold the values that define DTU. The Department remains dedicated to fostering impactful industry-academia collaborations and enabling successful career outcomes for our students. We look forward to strengthening our partnerships and creating lasting value for both our students and recruiting organizations.

**Prof. Anil Singh Parihar**  
Head of Department (T&P)







Delhi Technological University

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## About

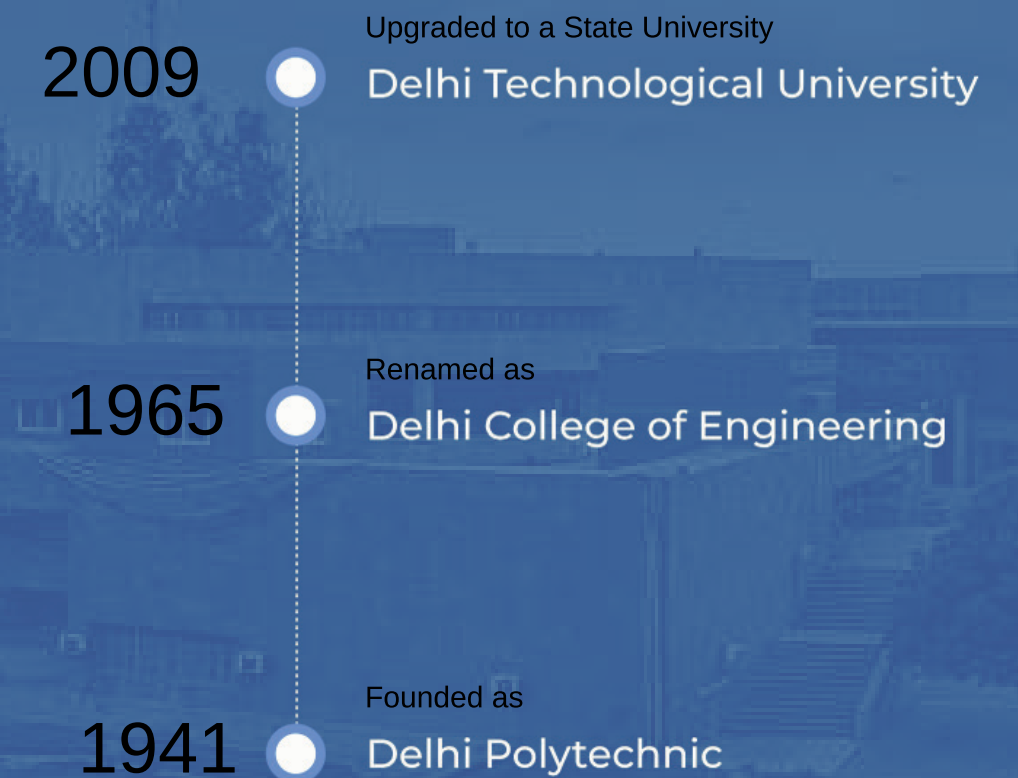
# Delhi Technological University

Delhi Technological University (Formerly Delhi College of Engineering) is a non-affiliating, teaching, and research institute with a focus on excellence in science, engineering, technology, management, and allied areas. We equip students to navigate the dynamic changes in science, technology, environment, and management while emphasizing the development of national character, self-confidence, leadership, creativity, and imagination.

Globally renowned for its outstanding education, research, and innovations, DTU offers diverse interdisciplinary and industry-relevant undergraduate, postgraduate, and doctoral programs in a wide range of engineering disciplines, including civil, computer science, electrical, electronics and communication, mechanical, and more.

The university also has a school of management and entrepreneurship. We foster a strong academia-industry interface through collaborations with reputed research organizations, industries, and premier institutions.

## 82 Year Heritage





# Notable Alumni



**Raj Soin**  
Founder & CEO,  
Soin LLC



**Vinod Dham**  
Father of Pentium Chip



**Sanjay Gupta**  
Vice President,  
Google India



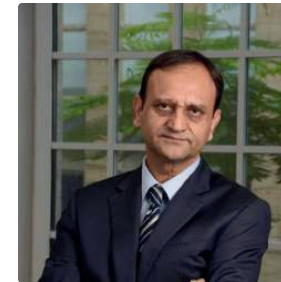
**Navtez Bal**  
CEO, Microsoft India



**Karnal Singh**  
Former Chief ED, GOI



**Anil Sardana**  
MD & CEO



**Ashish Khanna**  
President (Renewable)  
TATA Power



**Durga Das Agrawal**  
Founder, President, Piping



**Avinash Pant**  
Marketing Director,  
Meta India



**Sharad Sharma**  
VC & Ex-CEO,  
Yahoo India



**SK Chaudhary**  
Former CMD, IRCON



**Ganesh Krishnan**  
Promoter





# Startups by DTU ALUMNI



**Vijay Shekhar Sharma**

Batch of 1998

Founder & CEO



**Rohit Chadha**

Batch of 2005

Founder & CEO



**Naveen Kukreja**

Batch of 1999

Co-founder & CEO



**Ambareesh Murthy**

Batch of 1994

Co-founder & CEO



**Parveen Sinha**

Batch of 2001

Founder & MD



**Amit Bhasin**

Batch of 2010

Co-founder & CEO





# Placement Snapshot 2024

350+

Recruiters

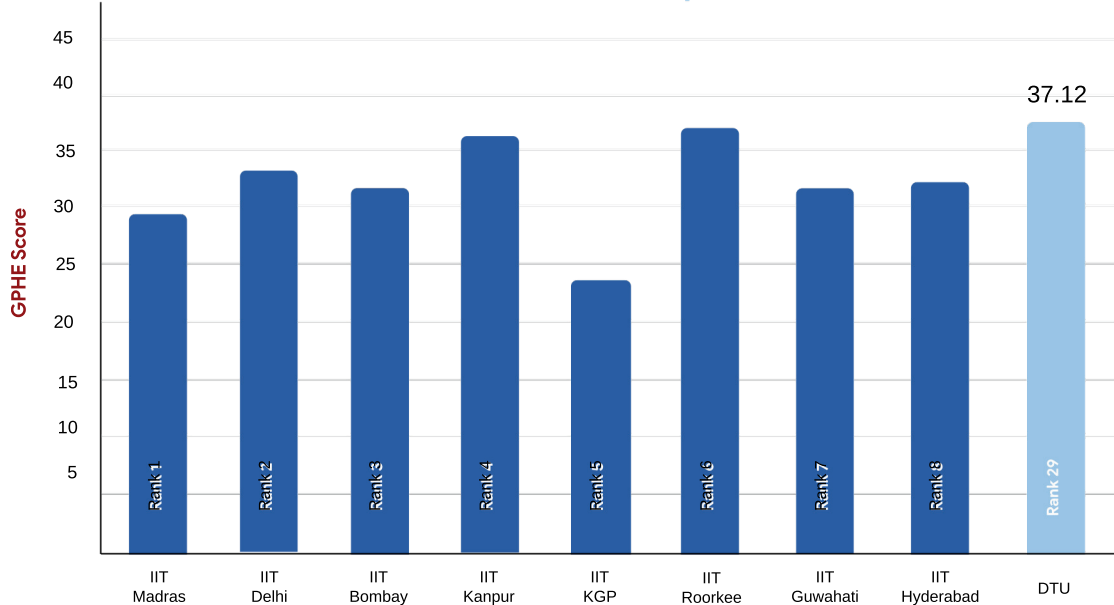
2050+

Offers

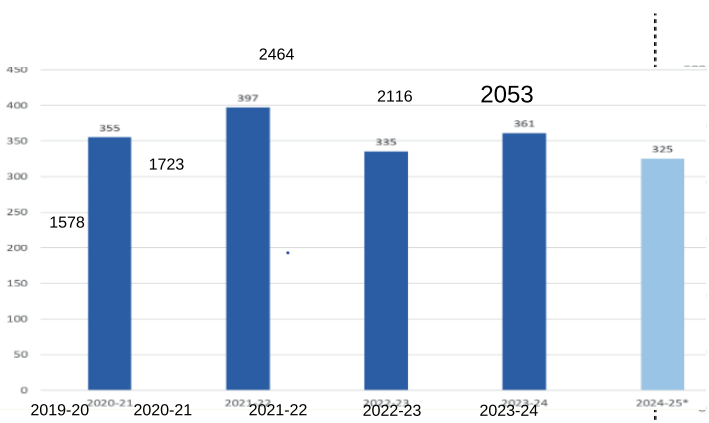
1900+

Students Placed

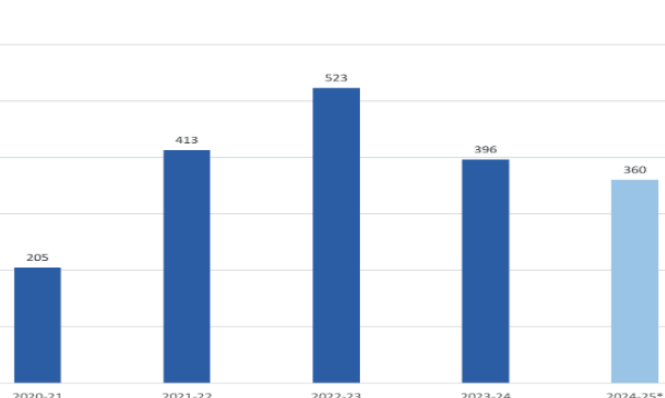
Combined % for Placements, Higher Studies & Entrepreneurship (GPHE) out of 40 (as per NIRF 2024)



Number of Offers



Number of offers with CTC>20 LPA



Highest Packages (Domestic)

ATLASSIAN

INR 85.30 LPA

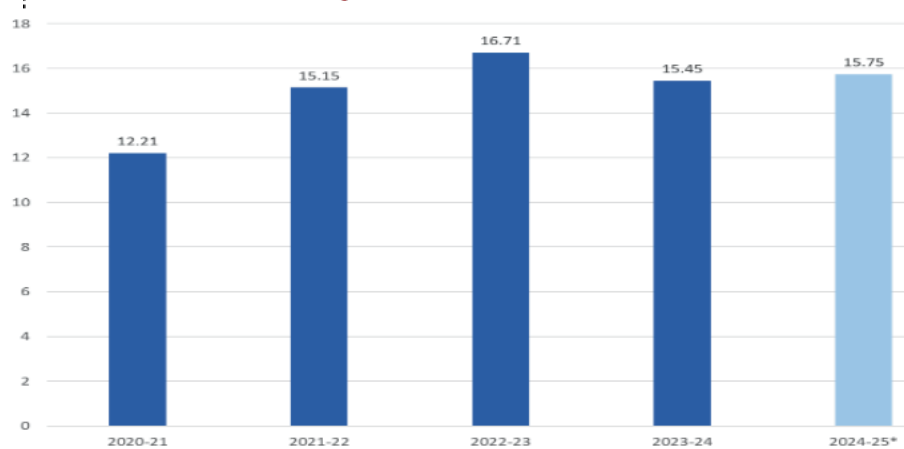


INR 64.23 LPA



INR 52 LPA

Average CTC offered in LPA



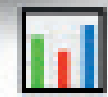
(Data as of 21 June, 2024)

## Major Recruiters



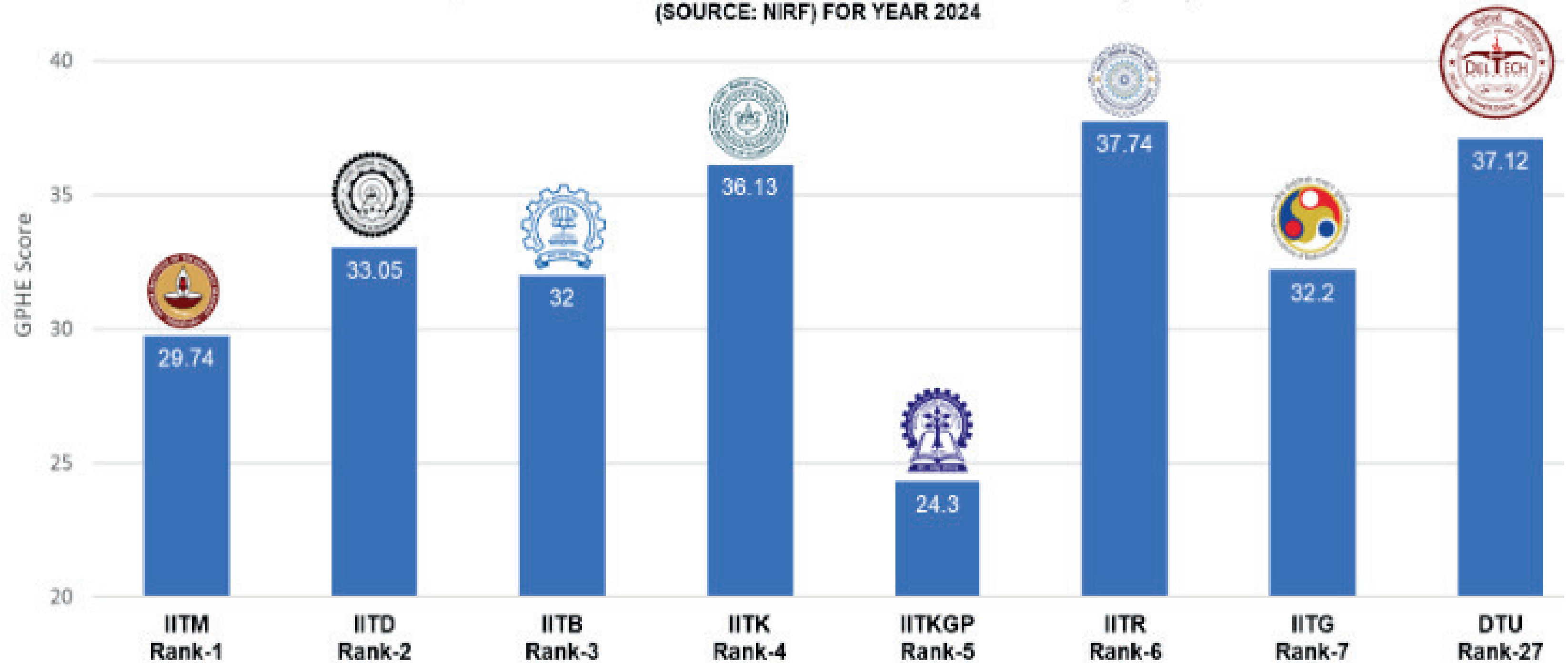
To be a part of the placement session 2024-25, please send your proposals at [placements@dtu.ac.in](mailto:placements@dtu.ac.in)





## Positioning Among Premier Institutions

COMBINED % FOR PLACEMENT, HIGHER STUDIES, AND ENTREPRENEURSHIP (GPHE) OUT OF 40  
(SOURCE: NIRF) FOR YEAR 2024

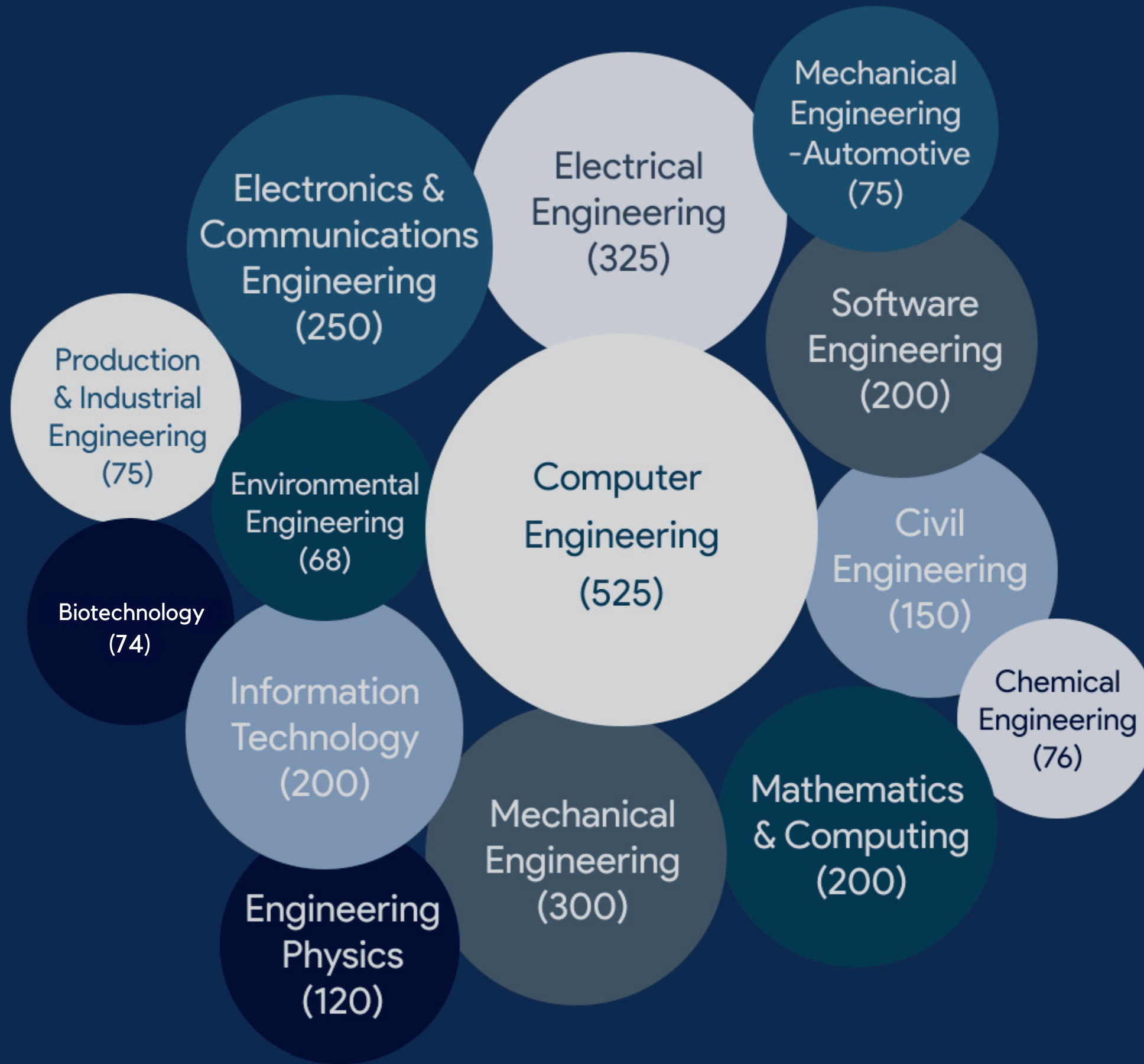


NIRF RANKING OF TOP INSTITUTIONS AS OF 2024



# Undergraduate Programmes

## • Bachelor of Technology (B.Tech)



Total Strength : 2619



# Undergraduate Programmes

- **Bachelor of Design (B.Des)**

Interaction  
Design

Product  
Design

Visual  
Design

Film  
Design

Total Strength : 110

- **Bachelors of Business Administration (BBA)**

- **Bachelors of Arts (Economic Hons.)**



# Computer Engineering

The Department of Computer Science and Engineering endeavours to provide the thrill of a corporate environment with a planned focus on industrially relevant projects and technology incubation.

## Key Courses:

- Data Structures
- Big Data
- Object Oriented Programming
- Machine Learning
- Artificial Intelligence
- Operating Systems
- Database Management Systems
- Information Network Security

## Minor:

Machine Learning | Data Analytics | Computer Engineering

## Labs:

- Data Mining
- Llinux Android Network system
- Computer Architecture
- Artificial Intelligence
- Samsung Digital Research

# Information Technology

The Department of Information Technology endeavors to provide the thrill of a corporate R&D environment with a planned focus on industrially relevant projects and technology incubation. The curriculum defined, lays greater emphasis on design principles and development of system software.

## Key Courses:

- Data Structures
- Object Oriented Programming
- Database Management Systems
- Operating System Design
- Computer Networks
- Compiler Design
- Artificial Intelligence and Expert Systems
- Information and Network Security
- Big Data Analytics

## Minor:

Computer Graphics | Pattern Recognition | High Speed Networks | Computer Vision | Distributed Systems | Cyber Forensics | Object Oriented Software Engineering

- Computer Networks Lab
- Information Security Lab
- Malware Analysis Lab
- Biometrics Research Lab





# Software Engineering

The Department of Software Engineering endeavours to provide the thrill of a corporate environment with a planned focus on industrially relevant projects, subjects and technology incubation. The established curriculum places a stronger emphasis on design concepts and system software development.

## Key Courses:

- Data Structures and Algorithms
- Object Oriented Software Engineering
- Database Management Systems
- Computer Networks
- Software Testing
- Operating Systems

## Minor:

Software Engineering | Data Analytics

## Labs:

- Software Testing Lab
- Object Oriented Software Engineering
- Software Engineering Lab
- OOPS and Programming Lab

# Mathematics & Computing

Mathematics and Computing is a dynamic and interdisciplinary branch that combines the foundational principles of computer science with an understanding of pure and applied mathematics. This program offers students a unique opportunity to explore the intersection of these two fields, enabling them to develop theoretical foundation while gaining practical skills in computer science.

## Key Courses:

- Data Structures and Algorithms
  - Operating Systems
  - Database Management Systems
  - Object Oriented Programming
  - Discrete Mathematics
- Computer Networks
  - Financial Engineering
  - Stochastic Processes

## Minor:

Mathematics and Computing | Computational Intelligence | Industrial Mathematics

## Labs:

- Statistical Lab: MATLAB, R, SPSS, etc.
- Scientific Computing Lab



# Engineering Programs (UG)

B.Tech



# Electronics & Communication Engineering

Electronics and Communications Engineering brings together the design, analysis, and implementation of electronic systems and communication technologies. It encompasses the study of electronic devices, circuits, and systems, as well as the principles and techniques used in the transmission and reception of information through various communication mediums.

## Key Courses:

- Analog Electronics
- Digital Electronics
- Signals and Systems
- Engineering Analysis & Design
- Digital Communication Systems
- Linear Integrated Circuits
- VLSI
- Digital Signal Processing
- Embedded Systems

## Minor:

Electronics and Communication Engineering | VLSI Design | Signal Processing & Machine Intelligence | Advanced Communication Systems

## Labs:

- Computation & Instrumentation Lab
- Microprocessor & Interfacing Lab
- VLSI Lab
- DSP Lab
- Computer Vision Lab

# Electrical Engineering

The Electrical Department offers diverse research areas and the curriculum lays emphasis on computer based assignments through Modelling & Simulation (MATLAB) of various electrical systems in well-equipped laboratories. Students can amplify their electrical Engineering expertise with minors in Computer Science and Leading-edge Core Domains like VLSI, IOT, and Electronics.

## Key Courses:

- Electrical Machines
- Power Electronics
- Control Systems
- Electronic Design and Circuits
- Digital Electronic
- Power Systems
- Protection

## Minor:

Electrical Engineering | Machine Learning for IOT Systems | Power Electronics and Renewable Energy Systems

## Labs:

- Electrical Utilization Lab
- Power System Lab
- Linear Integrated Circuit Lab
- Control System Lab
- Digital Signal Processing Lab
- Microprocessor Lab
- Electric Vehicle Lab & Electric Drives Lab



Engineering  
Programs (UG)

B.Tech



# Engineering Physics

The Electrical Department offers diverse research areas and the curriculum lays emphasis on computer based assignments through Modelling & Simulation (MATLAB) of various electrical systems in well-equipped laboratories. Students can amplify their electrical Engineering expertise with minors in Computer Science and Leading-edge Core Domains like VLSI, IOT, and Electronics.

## Key Courses:

- Digital Electronics
- Semiconductor Devices
- Microprocessors and Interfacing
- Electromagnetic Theory & Antenna Propagation
- Classical and Quantum Mechanics
- Fiber Optics & Optical Communication

## Minor:

Material Science & Engineering | Photonics

## Labs:

- Microprocessor and Interfacing lab
- FPGA design lab
- Microwave engineering lab
- Mobile and Satellite Communication
- Optics Laboratory

# Civil Engineering

The Civil Engineering Department is one of the oldest and most esteemed departments in the university. It has a rich history of providing high-quality education in the field of civil engineering. The department is known for its well-qualified faculty, advanced curriculum, and state-of-the-art infrastructure, which contribute to a comprehensive learning environment.

## Key Courses:

- Structural Engineering
- Geotechnical Engineering
- Transportation Engineering
- Engineering Mechanics
- Foundation Engineering

## Minor:

Disaster Mitigation and Management | Sustainable Infrastructure

## Labs:

- Structural Engineering Lab
- Geotechnical Engineering Label
- Environmental Engineering Lab
- Transportation Engineering Lab
- Concrete Lab
- Surveying Lab





# Mechanical Engineering

Mechanical Engineering is one of the oldest educational programs. The program lays emphasis on Research and Development owing to which DTU has been able to generate a vast alumni network in the field. With a dedicated and highly qualified faculty, a strong emphasis on research and development, and opportunities for industrial visits and specialized lectures, the department equips students with the necessary skills to thrive in the competitive global business environment.

## Key Courses:

- Design of Machine Elements
- Thermal Engineering
- Mechanics of Solids
- Refrigeration and Air Conditioning
- Heat and Mass transfer
- Manufacturing Technology
- Fluid Mechanics and Systems

## Minor:

Electrical Engineering | Machine Learning for IOT Systems || Power Electronics and Renewable Energy Systems

- CAD/Solid Modelling Lab
- Strength of Materials Lab
- Dynamics of Machine lab
- Fluid Machinery & Turbo Machinery lab
- Heat Transfer lab



# Engineering Programs (UG)

## B.Tech

# Mechanical Engineering with Specialisation in Automation

It is the most industry relevant and modern branch of the mechanical department equipped with the latest experimental set-ups and research facilities. It aims to cultivate mechanical engineers with the knowledge of all the latest softwares and techniques required in the industry.

## Key Courses:

- Internal Combustion Engines
- Design of Machine Elements
- Strength of Materials
- Aerodynamics and CFD
- Material Engineering

## Minor:

Energy Technology | Operations and Supply Chain Management | Design and Automation Engineering

## Labs:

- Internal Combustion Engines Lab
- Automobile Lab
- Refrigeration and Air Conditioning Lab
- Advanced Studies and Research in Automotive Engineering



# Production & Industrial Engineering

It has emerged as a specialized branch of Mechanical Engineering with an objective of improving efficiency and effectiveness of both manufacturing and service sector industries. The curriculum equips student with technical, analytical and managerial skills.

## Key Courses:

- Industrial Engineering & Operation Research
- Production Planning and Control
- Supply Chain Management & Value Engineering
- Kinematics and Dynamics of Machine & Machine Design
- Project Management
- Total Quality Management

## Minor:

Production Engineering | Operations and Supply Chain management

## Labs:

- Industrial Engineering Lab
- Welding Technology Lab
- Mechatronics Lab
- Precision Manufacturing Lab
- Metallurgical Sciences and Materials Lab

# Environmental Engineering

Environmental engineering helps in developing engineering solutions to societal-scale challenges. The department has designed its course curriculum, so that students are acquainted with a wide range of problems encountered by environmental engineers.

## Key Courses:

- Strength of Materials
- Water Engineering
- Solid Waste Management
- Engineering Geology

## Minor:

Environmental Remediation & Control | Sustainability & Environmental Management | Environmental Engineering

## Labs:

- Water Pollution Lab
- Air & Noise Pollution Lab
- Microbiology Lab
- GIS & Remote Sensing

# Engineering Programs (UG)

B.Tech



# Biotechnology

The program not only encompasses various essential aspects of modern biotechnology but also consolidates multifaceted studies incorporating biomedical research and bioinformatics with a highly versatile curriculum incorporating interactive learning, bio-analytics, object-oriented programming, DBMS, biostatistics, data structures and programming in SQL.

## Key Courses:

- Genetic Engineering
- Bioprocess Engineering
- Drug Design and Delivery
- Nanobiotechnology

## Minor:

Biological Computing | Public Health

## Labs:

- Food and Environmental Biotech
- Translational Health sciences lab
- Stem cell Biology Lab
- Plant Molecular Biology Lab
- Computational Biology Lab
- Immunotherapeutic Lab

# Chemical Engineering

It is committed towards higher education and research in the area of Applied Chemistry and Polymer Technology and aims to impart state-of-art education and practical skills through a diverse discipline. The curriculum focuses on Holistic Development, Skill Development, Employability & Entrepreneurship.

## Key Courses:

- Structural Engineering
- Geotechnical Engineering
- Transportation Engineering
- Engineering Mechanics
- Foundation Engineering

## Minor:

Polymer Technology | Petrochemical Engineering

## Labs:

- Chemical Reaction Engineering
- Polymer Testing and Characterization
- Computer Aided Design
- Fluid Mechanics





# Bachelors of Design (B.Des)

Bachelors at The Department of Design seeks to delve deeper in understanding of technological, commercial and societal context in conception, developments, and delivery of innovative products and services as well as tools, techniques, and methods required in the practice of design, aiming at achieving sustainability, universality, and solving crucial user needs.

[B.Des Brochure](#)

1 Cr  
Highest Package

1.5 L  
Highest Stipend

## UG Specializations:

Interaction Design		Product Design	
Visual Design		Film Design	

## Labs:

- CAD Lab
- UX Research Lab
- Visual Communication Studio
- AR/VR Lab
- Fashion Studio
- Photography Studio

## Key Courses

- Design Thinking
- Universal Design
- User Experience Design
- Sustainable Design
- Cognitive Research Methods
- New Media Studies
- Ergonomics
- AR/VR Design
- Animation & Motion Design
- Design & Programming
- 3D Modelling
- Design Innovation

## Prominent Recruiters

 Adobe



SAMSUNG

 PhonePe

 Microsoft

Deloitte.

 Urban Company

Snap Inc.

zomato

AIRBUS



paytm

 BOSCH



 DASSAULT SYSTEMES

 ERICSSON

 OLX

 Reliance Industries Limited

 airtel



TEKION

practo.

EY

AIDASH

cvent



MPL

SCALER

3M



 MARUTI SUZUKI

Rakuten

 Tech Mahindra

 DASSAULT SYSTEMES

boat

BCG



## Bachelors of Business Administration

BBA program at DTU aims to provide adequate basic understanding about management education amongst the students and to prepare students to understand the business environment.

The curriculum is based on experiential and case study based learning to emphasize the distinctive challenges of managing in the global context.

- Human Resource
- Finance
- Marketing and Sales
- Global Business Management

### Electives:

- Business Analysis & Valuation
- Investment Analysis & Portfolio Management
- Management of Global Businesses
- Income Tax Law

## Business Programs

BBA | BA (Hons.)

## Bachelors of Arts (Economics Hons.)

The B.A. (H) Economics Course aims to provide a sound understanding of core, pure and applied economics. The three-year course is structured in 6 semesters. Students study economics in depth in this specialised degree, students also apply ideas and techniques from many other disciplines too; including econometrics, mathematics and statistics, and other ability enhancement courses. The course is designed as per the varying interests and career ambitions in the emerging areas of economics.

- Microeconomics
- Macroeconomics
- Finance Management

### Electives:

- Financial Management
- Financial Accounting
- Customer Relationship Management



# Postgraduate Programmes

## Masters of Technology (M.Tech)

Computer Science & Engineering	Computer Science & Engineering (CSE)
	Artificial Intelligence (AFI)
Information Technology	Information System (ITY)
Software Engineering	Software Engineering (SWE)
	Data Science (DSC)
Electronics & Communication Engineering	VLSI Design & Embedded System (VLS)
	Signal Processing & Digital Design (SPD)
	Microwave & Optical Communication Engineering (MOC)
Mechanical Engineering	Industrial Engineering & Management
Civil Engineering	Structural Engineering (STE)
Environmental Engineering	Environmental Engineering (ENE)
Applied Chemistry	Polymer Technology (PTE)
Biotechnology	Bioinformatics (BIO)
	Industrial Biotechnology (IBT)
Applied Physics	Nano Science & Technology

## Masters of Science (M.Sc.)

Applied Mathematics	M.Sc. Mathematics
Applied Physics	M.Sc. Physics
Applied Chemistry	M.Sc. Chemistry
Biotechnology	M.Sc. Chemistry

## Masters of Design (M.Des)

Department of Design	Interaction Design
	Lifestyle & Accessories Design
	Product Design
	Transportation & Service Design
	Visual Communication

## Masters of Business Administration (MBA)

USME & DSM	MBA
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## Masters of Arts (MA)

USME	Economics
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## Computer Science & Engineering

The Department of Computer Science and Engineering provides an outstanding research environment complemented by excellence in teaching. The Department has a comprehensive curriculum on topics related to all aspects of Computer Hardware and Software with an emphasis on practical learning. The course structure is up-to-date and includes courses on nascent topics to equip our students with the latest developments in Computer Science and Engineering.

### Specializations:

- M.Tech ARTIFICIAL INTELLIGENCE (AFI)
- M.Tech COMPUTER SCIENCE (CSE)

### Research Areas:

Complexity theory, algorithm design, Automata theory, formal models, logic, Quantum computing, Distributed systems, Networks, Artificial intelligence (machine learning, natural language processing, computer vision, robotics, social network analysis), Computational biology, Security, Computer graphics, Human/computer interaction, Scientific computing, high performance computing

## Engineering Programs (PG)

—  
M.Tech

## Electronics & Communication

Electronics and communication department houses well developed laboratories. Faculty and students at DTU have published various research papers under international journals and international conferences. Curriculum is set according to the current market trends and real world requirements which incorporates extensive lab and project work along with comprehensive knowledge in respective domains.

### Specializations:

- M.Tech in VLSI and embedded systems.
- M.Tech in Signal processing and digital design.
- M.Tech in Microwave and optical communication

### Research Areas:

SRAM Design, Low Power digital and analog circuits, Analog VLSI Design, Digital system design based on FPGA, Organic and Flexible Electronics, Sensor networks, Image, Speech and Signal processing, Data compression, Object tracking, Computer Vision, Pattern classification, AI in healthcare, bio-photonic, Carbon NanoTube FET (CNT-FET), ML based circuit automation, RISC V processors, Advancement in 5G Technology, Developing Optical Fiber Link Network and System, Development & Designing of Antenna and Components.



# Information Technology

The Department of Information Technology focuses on providing Specialized knowledge in the analysis and design of Information systems, information security, mobile communication, soft computing, artificial intelligence, digital signal processing, computer vision, expert systems, and web engineering along with various electives related to upcoming I.T. fields. Further, the numbers of large publications in the international conferences by the undergraduate and postgraduate students are the outcome of the research culture developed in the department.

## Specializations:

- M.Tech INFORMATION SYSTEMS (ISY)

## Research Areas:

Data structures and Algorithms  
Algorithm Design and Analysis  
Machine Learning  
Computer Networks  
Cyber Security and Law  
Digital Image Processing  
Mobile Computing

# Engineering Programs (PG)

M.Tech

# Software Engineering

The Department of Software Engineering endeavors to provide the thrill of a corporate environment with a planned focus on industrially relevant projects and technology incubation. It also provides an outstanding research environment complemented by excellence in teaching. The program was incorporated to prepare students to become industrial and academic leaders who can apply computer science ideas to a wide range of fields.

## Specializations:

- M.Tech DATA SCIENCE (DSC)
- M.Tech SOFTWARE ENGINEERING (SWE)

## Research Areas:

- Data structures and Algorithms
- Algorithm Design and Analysis
- Data Mining
- Machine Learning
- Deep Learning
- Advance Database Management Systems
- Advance Operating Systems



# Mechanical Engineering

The department possesses modern laboratories equipped with latest experimental set-ups and research facilities for instrumentation, computational fluid dynamics supported by softwares like NX-CAD, NX-CAM, Catia, Hypermesh, Hyperworks, MDADAMS, Dynaform, ABACUS etc. Industrial engineering lab has software such as SPSS, ARENA, QM, TORA, CPLEX, etc.

## Specializations:

- M.Tech Industrial Engineering and Management

## Research Areas:

The Department of Industrial Engineering and Management focuses on research areas such as Operations Research, Supply Chain Management and Analytics, Industry 4.0, Data Analytics, Circular Economy, Sustainability, Safety and Disaster Management, Blockchain Technology and Logistics and Warehousing.

# Engineering Programs (PG)

## M.Tech

# Biotechnology

The department was founded in 2004 with a vision to make an impact through research and technology-based training. The department has teaching and research programs which encompass various basic and applied aspects of modern biotechnology. Faculty and student have submitted various research papers and have been a part of various national and international conferences. There is main particular emphasis on extending the knowledge generated from these studies towards the development of technologies of commercial significance.

## Specializations:

- M.Tech Bioinformatics
- M.Tech Industrial Biotechnology

## Research Areas:

The department has ten state-of-the-art laboratories, viz. Nanobioelectronics Laboratory, Stem Cell Biology Laboratory, Functional Genomics and Molecular Nanoscience Laboratory, Environmental Biotechnology Laboratory, Plant Molecular Biology Laboratory, Computational Biology Laboratory, Biochemistry Laboratory, Immunotherapeutic Laboratory and Genome Informatics Laboratory.



# Electrical Engineering

The Department of Electrical Engineering has established a promising curriculum completely based on the recent trends in technology and concentrates more on the practical applications along with the theoretical structure. To up skill the technical know-how of the students enrolled, the department hosts various conferences and seminars conducted by speakers from various industries & academia. There are numerous research domains in which, a student can get into and publish his / her work in national and international journals.

## Specializations:

- M.Tech. in Control and Instrumentation
- M.Tech. in Power Systems
- M.Tech. in Power Electronics and System

## Research Areas:

Analog VLSI, Linear Integrated Circuits, Electrical vehicle and its charging station, Renewable Energy, photovoltaic, Electrical Converters, Optimization Algorithms, Advanced and Non-linear Control Systems, Solar Energy Powered Electric Vehicles, Smart-Grid, Micro-Grid, Grid Management, Electric Traction, HVDC systems, Power Electronics based Converters, Power Quality Improvement, Flexible AC Transmission (FACTS)

# Engineering Programs (PG)

M.Tech

# Civil Engineering

The department is one of the most sought after centres of knowledge with a highly experienced faculty, an immense research potential and laboratories equipped with the latest instruments in the fields of structural analysis, concrete testing, geomechanics, soil testing, highway engineering, hydraulics, experimental stress analysis and surveying. Faculty and students at DTU have published various research papers.

## Specializations:

- M.Tech in Structural Engineering

## Multidisciplinary Centre for Geoinformatics (MCG)

## Research Areas:

Defence, Security and Intelligence, Water resources and Glaciology, Urban Infrastructure Development & Planning and Urban Transportation System, Earth Science, Oceanography, Soil and Geosciences.



# Environmental Engineering

The Department of Environmental Engineering at Delhi Technological University (DTU) is a global leader in developing engineering solutions to societal-scale challenges. The department has been offering master's degree since 1972. The department conducts cutting-edge research, in developing the vital areas that address societal needs for environmentally sustainable life style.

## Specializations:

- M.Tech in Environmental Engineering

## Research Areas:

Water Pollution Control, Water Resource Management, Indoor Air Pollution & Health, Solid Waste Management & Health, Water Quality Assessment, Wetland Monitoring, Bioremediation, Environmental Microbiology, Environmental Impact Assessment, Environmental Implications of Urban Transport System, Urban Air Quality Monitoring & Modelling, Traffic Noise Monitoring & Modelling, Acoustics & Barrier Designing

## Achievements:

Publication of research and conference papers in International and National Journals on a continuous basis

## Engineering Programs (PG)

M.Tech



# Masters of Design (M.Des)

The Master of Design degree (M.Des) program is designed to help students gain the skills, knowledge, and aptitude they need to become creative problem solvers. The course aims to develop perceptual abilities, skills, techniques, social and general awareness in the students which are implemented in a series of projects that address problems of the real world.

[M.Des Brochure](#)

**24 LPA**  
Highest Package

**1 Lakh**  
Highest Stipend

## PG Specializations:

Interaction Design	Product Design
Visual Design	Lifestyle & Accessories Design
Transport & Service Design	

## Labs:

- CAD Lab
- UX Research Lab
- Visual Communication Studio
- AR/VR Lab
- Fashion Studio
- Photography Studio

## Research Areas:

Design Strategy, Design Management, Design Thinking, Service Design, Innovation in Design, User Experience Design, Social Impact, Sustainability, Research, Marketing, Human-Computer Interaction, Visual Communication, Psychology & Behavioural Science, Design for Healthcare, Industrial Design, CAD, 3D Modelling, Ergonomics, Semantics & Semiotics, Augmented Virtual Reality, Data Visualization, Programming, Motion Design, New Media Studies, Design Ethics, Health and Well-being, Ethnography, Transportation Design.

## Prominent Recruiters





## Department of Applied Mathematics

The Department runs a two year masters program. The department has a team of committed faculty members from the disciplines of Pure Mathematics, Applied Mathematics, Computer Engineering, Statistics, Operation Research.

### Key Courses:

- Abstract algebra
- Linear algebra
- Real analysis
- Numerical analysis
- Ordinary differential equation
- Partial differential equation
- Mathematical statistics
- Operation research
- Complex analysis

**Labs:** C++ , Python, MATLAB , IBMSPSS

### Research Areas:

Information Theory, Graph Theory, Discrete Mathematics, Numerical Analysis, General Relativity and Cosmology, Optimizabon Technique, Complex Analysis

### Electives:

- Financial mathematics
- Machine learning
- Optimization techniques
- Database management system
- Mathematical modelling and simulation

## Department of Applied Physics

Applied Physics Department is providing cutting toge research innovation and education in the emerging areas of science and technology The department has well-equipped state of art laboratories for undergraduate students Faculties of the department are actively involved in Nations and International collaborations for R & D activities

### Key Courses:

- Mathematical Physics
- Classical Mechanics
- Quantum Mechanics
- Applied Optics
- Electronics
- Communicative English
- Atomic & Molecular Physics
- Nuclear & Particle Physics
- Advanced Quantum Mechanics
- Statistical Mechanics
- Computational Methods
- Electrodynamics
- Solid State Physics
- Fundamentals of Computers
- Advanced Semiconductor Devices

### Research Areas:

Nanotechnology: Carbon Nanotube, Carbon Nanofiber and Graphene Plasma Physics/Dusty plasma THz Radiation Emission/ High power microwave devices,

### Electives:

- Fibre and Integrated Optics
- Spintronics
- Advanced Numerical Physics
- Plasma Physics
- Characterization Techniques
- Lasers and Spectroscopy
- Advanced Electronics
- Advanced Condensed Matter Physics
- Mathematical Modelling & Simulation

# Department of Applied Chemistry

Department of Applied Chemistry holds the foundation of the reputation of Delhi Technological University as it is one of the core disciplines of DTU founded at the time of its inception.

## Key Courses:

- Inorganic Chemistry
- Organic Chemistry
- Physical Chemistry
- Elementary Topics for Chemists
- Communicative English
- Fundamentals of Computers

## Research Areas:

Inorganic chemistry, bioinorganic chemistry, cell imaging, organic chemistry, organic synthesis, bioorganic chemistry, medicinal chemistry, biomimetic reactions, bio-polymer, nutraceuticals & functional foods, conducting polymer sensors, electrochemistry, natural products, medical textiles, effluent treatment, nano and environmental biotechnology, surface chemistry, reaction engineering, chemical engineering, polymer blends composites hydrogels

## Electives:

- Chemistry of Nanomaterials
- Inorganic Reaction Mechanisms and Bioinorganic Chemistry
- Organic Synthesis and heterocyclic Chemistry
- Solid State Chemistry
- Analytical Techniques for Inorganic Chemists
- Material, Nuclear and Radiochemistry

# Master of Science (PG)

M.Sc.

# Department of Biotechnology

The main objective of the Department is to provide academic training and conduct research in the interdisciplinary areas of biotechnology with particular emphasis on extending the knowledge generated from these studies towards the development of technologies of commercial significance. The department has undertaken sponsored projects funded by ICMR, CSIR, DST, DBT, UGC, etc. The department has 10 state-of-the-art laboratories.

## Labs:

Molecular Bio & RDT Lab, Plant Biotech Lab, Computational Bio Lab, Nano-Bioelectronics Lab, Stem Cell Research Lab, Molecular Neuroscience and Functional Genomics Lab, Biochem & Immunology Lab, Immunotherapeutic Lab, Genome Informatics Lab, Environmental and Industrial Biotech Lab.

## Key Courses:

Biochemistry, Cell & Developmental Bio, Molecular Bio, Analytical Techniques, Biostatistics & Computer Applications, Immunology, Microbiology & Industrial Applications, Genetic Engg., Genetics, Bioprocess Engg. & Technology, Immunotech & Molecular Virology, IPR & Biosafety, Genomics & Proteomics

## Electives:

Computational Biology, Molecular Therapeutics



## Master of Business Administration (MBA)

The MBA department of Delhi Technological University envisages at developing distinctive future managers, keeping up with the tradition of DTU by providing excellent world class education. It was established with a vision of inculcating a penchant for innovation, research, and experimentation in the aspiring managers. The department aims at extending the seven - decade long legacy of DCE by incubating and developing managers, who are adept at identifying pertinent and critical business problems and apply their technical skills and competencies in solving the issues.

### Key Courses:

- Accounting
- Finance
- Marketing
- Human Resource
- Operation & Statistics

### Specialization:

- Marketing Management
- Financial Management
- Human Resource Management
- Supply Chain Management
- Information Technology Management
- Business Analytics

## Economics & Management (PG)

MBA | MA

## Master of Arts in Economics (M.A)

The MA (Economics) programme aims to provide a sound understanding of core, pure and applied economics. The two-year programme is structured in 4 semesters. In this specialised degree program, students acquire a comprehensive understanding of economics, while also integrating concepts and methodologies from various other disciplines such as analytics and management.

### Key Courses:

- Advanced Microeconomics
- Advanced Macroeconomics
- Mathematical Methods in Economics
- Statistics and Econometrics
- Econometric Analysis with R
- Indian Economy
- Development Economics
- Contemporary Issues in Development Economics

### Minors:

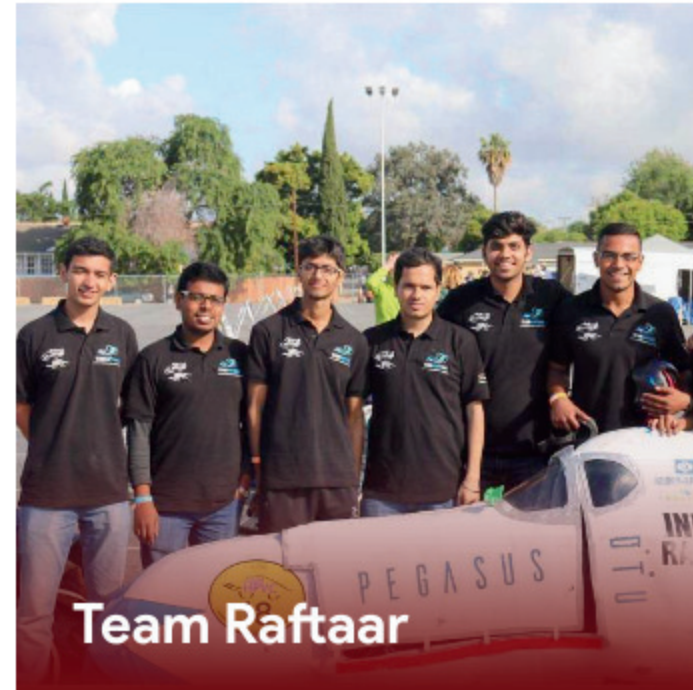
- Data analysis techniques
- Financial management
- Database management system
- Machine learning
- Big data analytics

### Electives:

- Game Theory
- Time Series Analysis
- Corporate Finance
- Financial Economics
- Panel Data Econometrics
- Advance Forecasting Methods



# Innovation @ DTU



Started in 2014, Team Raftaar, DTU, build recumbent bicycles and innovate them towards perfection, to elevate them to a competitive platform. The team bagged first position in design in the recently held Human Powered Vehicle Competition' India, organized by ASME.



UAS-DTU is a team under mentorship and funding from Lockheed Martin, and the first to develop a Next Generation Urban UAS - Aarush X1, that is tailor-made for surveillance in urban jungles. The team annually participates in AUUSI's SUAS competition, and bagged 3rd position and 1st in FRR at SUAS 2014 in Maryland, USA.

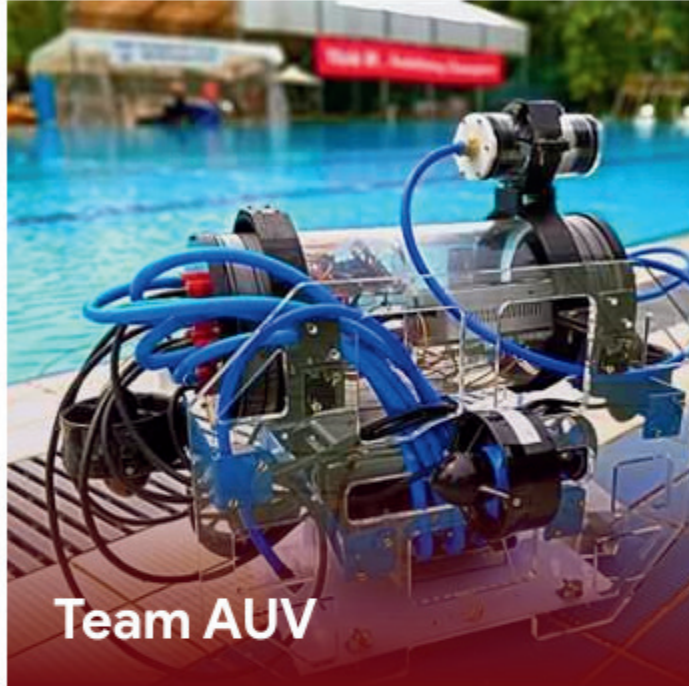


Team inferno specialises in fabricating Mars Rover Prototypes and participates in Rover Challenges worldwide. Their rover is remotely controlled and capable of traversing rough terrain with an attached robotic arm. They secured the 7th position in the Indian Rover Challenge out of 32 teams from 5 countries.



UGV-DTU is a team of undergraduate students from Delhi Technological University focused on developing autonomous technology. Last year, they competed in IGVC in Michigan, USA, and won 3rd place, making their college proud.





DTU AUV is a team of undergraduate students of Delhi Technological University devoted to developing completely indigenous autonomous underwater vehicle and reduce India's reliance on foreign AUVs.



Super Mileage Vehicle is a collegiate research team of technical enthusiasts founded in 2005. Over the years, they have developed and advanced their Battery Electric Prototype and Gasoline Urban Concept. The team stood 7th out of 72 teams in Shell Eco-Marathon Asia 2018, with a whopping 156.9 Km/Kwh mileage.



Team Defianz Racing at DTU is known for developing, designing and manufacturing a formula style racing car that competes at the Formula Student Competition at Silverstone Circuit, UK with over 160 teams from all over the world. The team secured 6th position in Design in FS India,



DelTech Baja is an elite team that designs, engineers and manufacture vehicles worthy of facing the perilous off road trails. Started off in 2003, DelTech Baja is the oldest Baja SAE team in India and was one of the first teams from Asia to participate in overseas events.

Innovation @ DTU



### DTU-IIF Incubation Programme



Empowering innovators and entrepreneurs at DTU-IIF to turn visionary ideas into impactful ventures.

### Nidhi iTBI-DST



NIDHI iTBI DST fuels women-led startups with financial support for early-stage growth and investment readiness.

### Startup India Seed Fund Scheme (SISFS)



SISFS provides financial aid to startups for development, trials, and market entry through incubators.

### NASSCOM



NASSCOM Foundation's programs drive tech-led social change through education, skilling, and digital inclusion initiatives.



# International Exposure

Students here, have not only secured research projects/scholarships/internship opportunities at the national level but also had the opportunity to pursue research internships in esteemed universities around the world.

With a major emphasis given on research in the curriculum, students have published their research papers in national/international journals and presented them in various conferences across the globe.

## 20+

Foreign Research Internships

## 30+

MoU's Signed (2013-2019)





# Placement Team

Prof. Anil Singh Parihar

Head of Department, TnP

Contact: +91 8800223330

Dr. R K Yadav

Associate Head, TnP

Contact: +91 9717984278

## Placement Coordinators

B.Tech

### Computer Engineering

[coe.placements@dtu.ac.in](mailto:coe.placements@dtu.ac.in)

Archana | Rudra Chauhan | Kartik Walia  
Rishabh Sharma | Samarth Bhutani |  
Lalrinfeli Hnamte | Chirag Sehgal

### Software Engineering

[se.placements@dtu.ac.in](mailto:se.placements@dtu.ac.in)

Ridham Khatri

### Mathematics & Computing Engg.

[mc.placements@dtu.ac.in](mailto:mc.placements@dtu.ac.in)

Takshil Aggarwal | Jasmine Anand

### Production & Industrial Engg.

[pie.placements@dtu.ac.in](mailto:pie.placements@dtu.ac.in)

Ridham Khatri

### Information Technology

[it.placements@dtu.ac.in](mailto:it.placements@dtu.ac.in)

Prashant Kaushik

### Electrical Engineering

[ee.placements@dtu.ac.in](mailto:ee.placements@dtu.ac.in)

Harsh Kumar Priyanshu | Nancy Piyush

### Electronics & Communication Engg.

[ece.placements@dtu.ac.in](mailto:ece.placements@dtu.ac.in)

Aakshat Jindal | Udit singh | Pratham Gupta

### Civil Engineering

[ce.placements@dtu.ac.in](mailto:ce.placements@dtu.ac.in)

Gitansh Garg

### Engineering Physics

[ep.placements@dtu.ac.in](mailto:ep.placements@dtu.ac.in)

Kanav Pahwa | Ishika Goyal

### Mechanical Engineering

[me.placements@dtu.ac.in](mailto:me.placements@dtu.ac.in)

Ankit Garg | Tushar Bhardwaj

### Mechanical Engg. (with specialization in Automation)

[ae.placements@dtu.ac.in](mailto:ae.placements@dtu.ac.in)

Yatender Singh

### Biotechnology

[bt.placements@dtu.ac.in](mailto:bt.placements@dtu.ac.in)

Anushka Goswami | Parth Sharma

### Chemical Engineering

[psct.placements@dtu.ac.in](mailto:psct.placements@dtu.ac.in)

Maitryi Gupta | Pranav Gupta

### Environmental Engineering

[ene.placements@dtu.ac.in](mailto:ene.placements@dtu.ac.in)

Ridham Khatri



# Placement Team

Prof. Anil Singh Parihar

Head of Department, TnP

Contact: +91 8800223330

Dr. R K Yadav

Associate Head, TnP

Contact: +91 9717984278

## Placement Coordinators

B.Des

Department of Design

dod.placements@dtu.ac.in

Akshat Agrawal | Khushi Agarwal

## Placement Coordinators

USME - Bachelors

Bachelor of Arts - BA(H) Eco.

usme.placements@dtu.ac.in

Nirjara Jain

Bachelor of Business Administration

usme.placements@dtu.ac.in

Krishna Mendiratta

## Placement Coordinators

Masters

Master of Technology (M.Tech)

mtech1.placements@dtu.ac.in

Mudit Jain | Rohit kumar Patel

mtech2.placements@dtu.ac.in

Anshuman Tiwari | Anurag Dayal Pandey

Vikram Kumar Deo

Master of Business Administration

mba.placements@dtu.ac.in

Chirag piplani | Kritika Suyal | Saksham Grewal

Tanishqa Sharma

Biotechnology (M.Tech & M.Sc)

bt.placements@dtu.ac.in

Insha Rizwan | Nilesh Yadav

Master of Science (M.Sc)

msc.placements@dtu.ac.in

Amit Sharma

Master of Arts (M.A)

usme.placements@dtu.ac.in

Navdha Sharma | Nitish Arora



**We hope to hear from you soon!**



**DELHI TECHNOLOGICAL UNIVERSITY**

*(Formerly Delhi College of Engineering)*