



DELHI TECHNOLOGICAL UNIVERSITY
(Formerly Delhi College of Engineering)

**20
24**

PLACEMENT BROCHURE



"Arise awake and stop not
till the goal is reached."

~ Swami Vivekananda

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 known as Delhi College of Engineering, has a rich history of over 78 years and is renowned for its excellence in education, research, and training. The university has established strong connections with industries, academia, and the scientific community, both in India and internationally.

Delhi Technological University is the alma mater of highly distinguished world class engineers and technologists. The university places a strong emphasis on maintaining high-quality education and research, which has resulted in its excellent reputation both in India and internationally. This is evident from the university consistently ranking among the top ten engineering institutions in the country, alongside the prestigious IITs.

Our challenge for the future is to build on this strong base to establish ourselves firmly among the world's leading universities. I hope our outstanding students will support us in this endeavour and in turn emerge themselves, as pioneers of an exemplary society.

Prof. Prateek Sharma
Vice Chancellor

From HOD's Desk

Dear Recruiters,

On behalf of Delhi Technological University (DTU), I invite you to connect with our talented pool of graduates. As one of India's leading engineering institutions, DTU is known for its excellence in education, research, and innovation, ensuring our students are well-equipped to meet your recruitment needs.

With a legacy of over eight decades, DTU's strong alumni network spans key leadership roles across top global companies, reflecting the high calibre of talent we nurture. Our emphasis on research and industry partnerships enables students to tackle real-world challenges while developing both technical expertise and innovative problem-solving skills.

Our rigorous curriculum, constantly updated to align with industry trends, ensures that graduates possess the relevant knowledge and skills required to excel in today's dynamic job market. We also focus on holistic development through extracurricular activities, leadership programs, and global exposure, preparing our students to contribute not just professionally but socially.

Partnering with DTU gives you access to a diverse pool of motivated graduates ready to drive success in your organization. We look forward to collaborating with you to shape the future.

Prof. Rajesh Rohilla
Head of Department (T&P)





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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



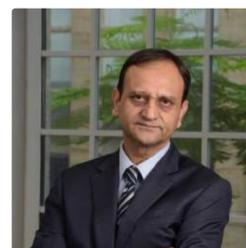
Navtez Bal
CEO, Microsoft India



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



Placement Snapshot 2024

350+

Recruiters

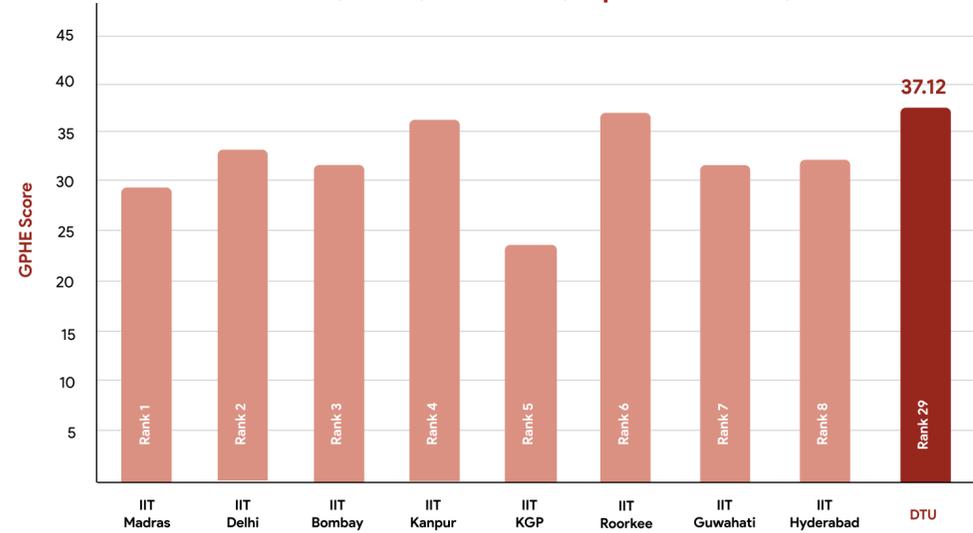
2050+

Offers

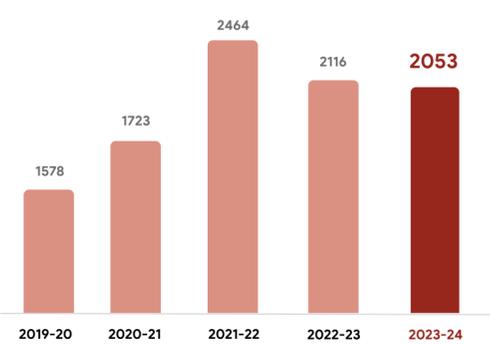
1900+

Students Placed

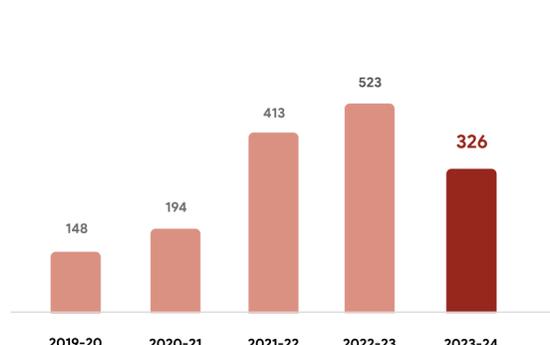
Combined % for Placements, Higher Studies & Entrepreneurship (GPHE) out of 40 (as per NIRF 2024)



Number of Offers



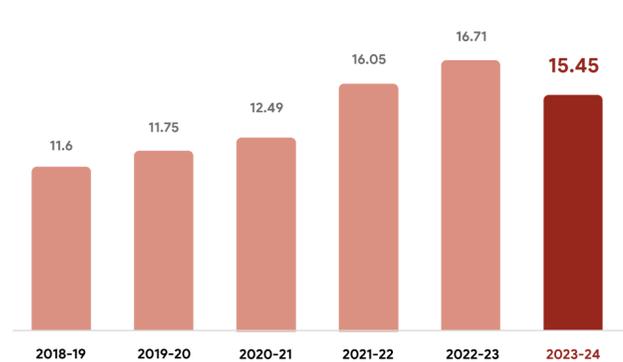
Number of offers with CTC>20 LPA



Highest Packages (Domestic)



Average CTC offered in LPA



(Data as of 21 June, 2024)

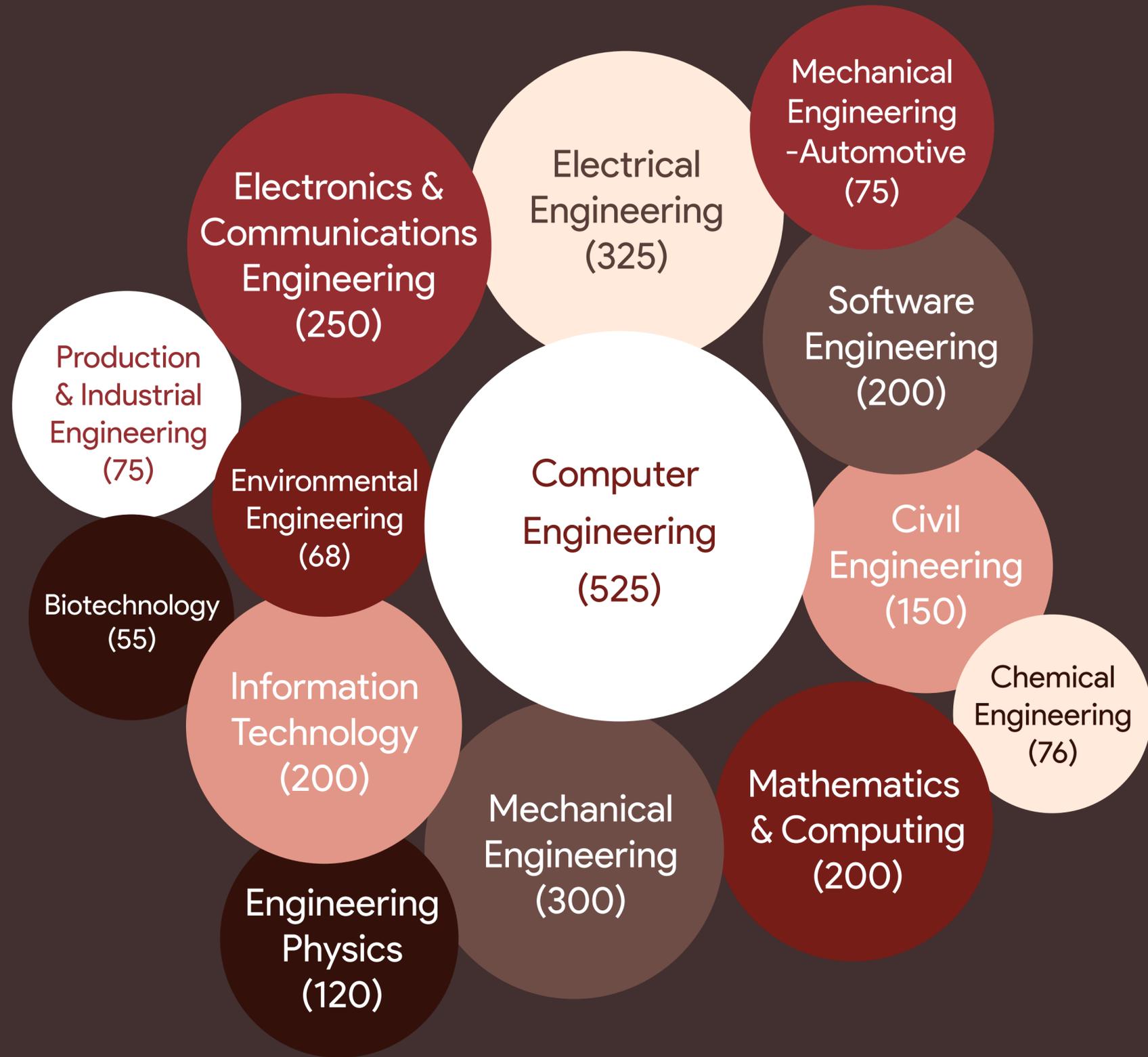
Major Recruiters



To be a part of the placement session 2024-25, please send your proposals at placements@dtu.ac.in

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:

- Computer Architecture Lab
- Data Mining Lab
- Artificial Intelligence Lab
- Linux Android Network Systems Lab
- Samsung Digital Research Academy Lab



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

Labs:

- 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



Engineering Programs (UG)

B.Tech

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

Minor:

Mathematics and Computing | Computational Intelligence | Industrial Mathematics

Labs:

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

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

Engineering Physics

Engineering Physics with majors in Electronics has grown exponentially. It is designed for those interested in the field of electronics & research in applied physics. The department lays a strong theoretical base and high tech labs for areas of electronics, embedded systems, VLSI and FPGA, digital and analogue communication systems, research physics as an integral part of the curriculum.

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

Engineering Programs (UG)

B.Tech

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 Electronics
- Power Systems & Switch Gear & 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

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

Minor:

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

Labs:

- 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

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:

- Computational Biology
- Molecular Biology
- Genetics
- Biochemistry
- Microbiology
- Cell Biology
- Nanotechnology

Minor:

Biological Computing | Public Health

Labs:

- Nanobioelectronics Lab
- Stem Cell Biology Lab
- Functional Genomics Lab
- Molecular Nanoscience Lab
- Plant Molecular Biology Lab
- Computational Biology Lab
- Immunotherapeutic Lab
- Genome Informatics 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](#)

27 LPA

Highest Package

1.5 L

Highest Stipend

UG Specializations:

Interaction Design 	Product Design 
Visual Design 	Film Design 

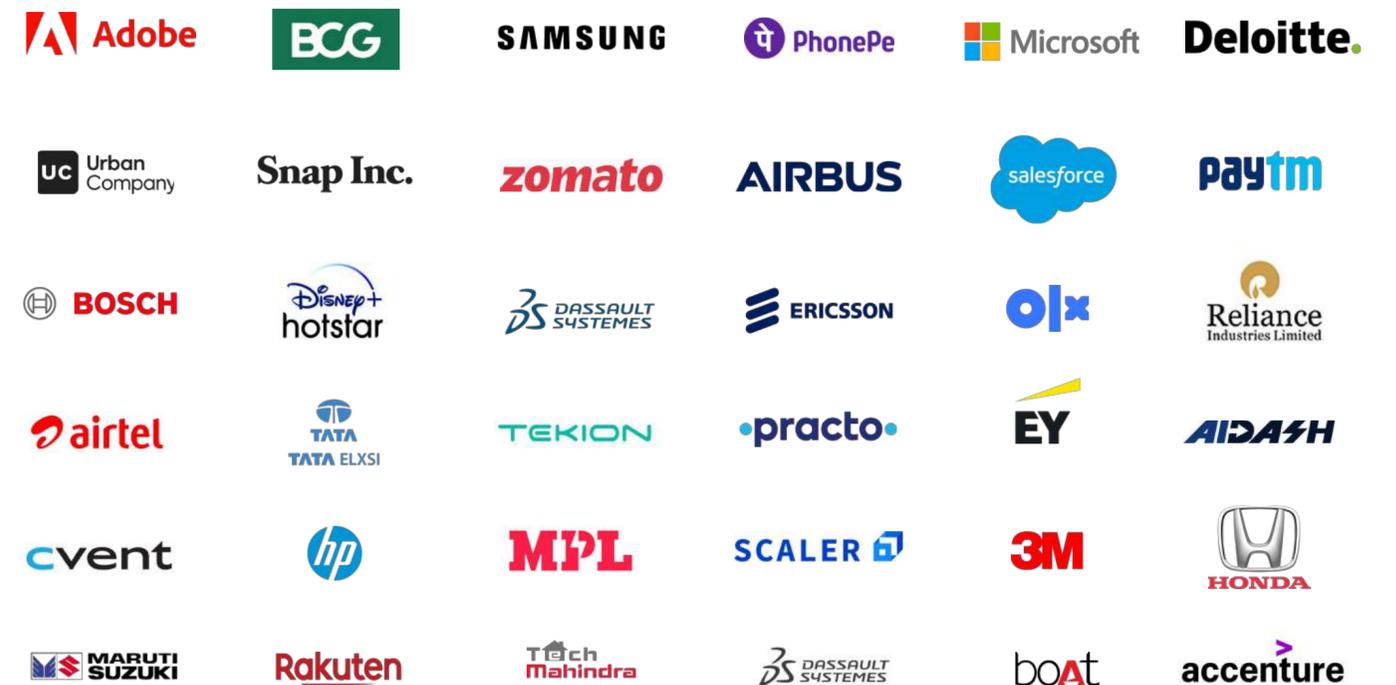
Labs:

- 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



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.

Specializations:

- 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.

Majors:

- 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)

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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.



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

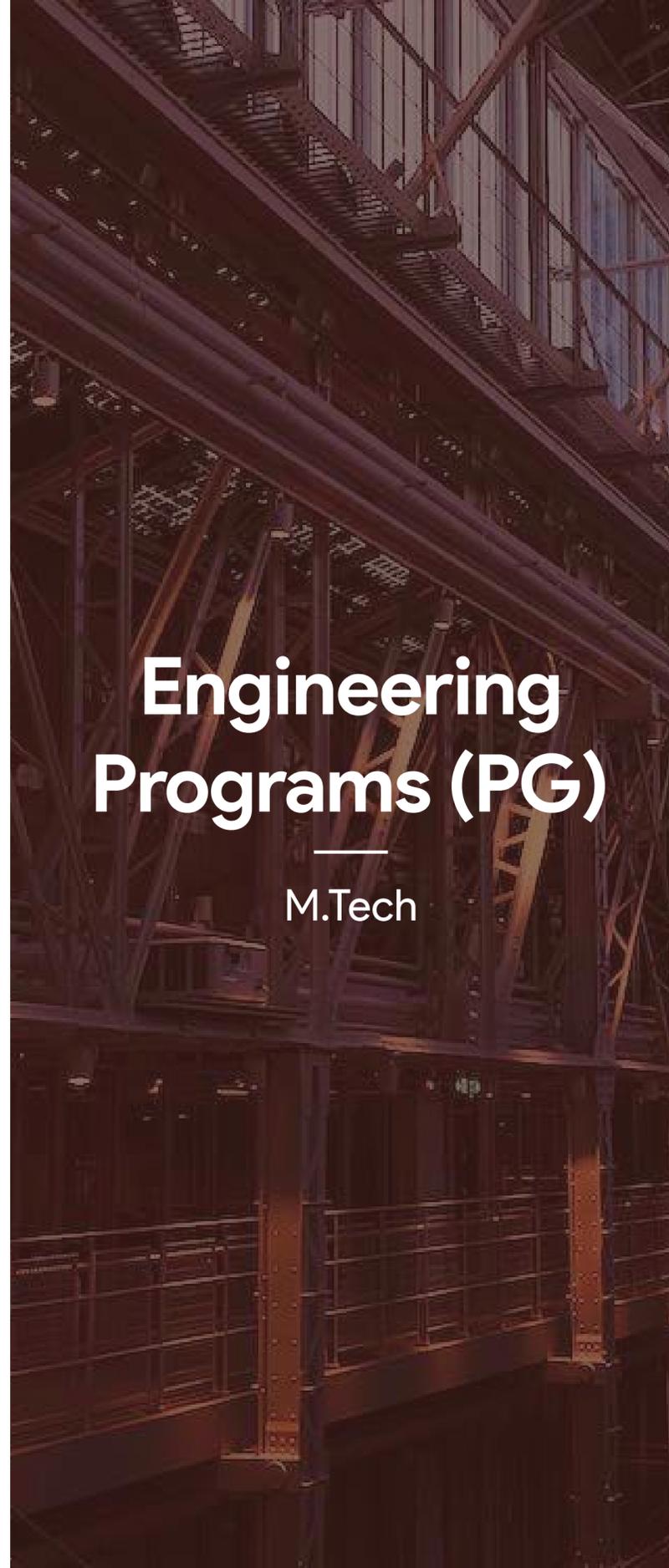
The Department of Electrical Engineering has established a promising curriculum completely based on the recent trends in technology and concentrates more on the practical applications along with the theoretical structure. To up skill the technical know-how of the students enrolled, the department hosts 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	

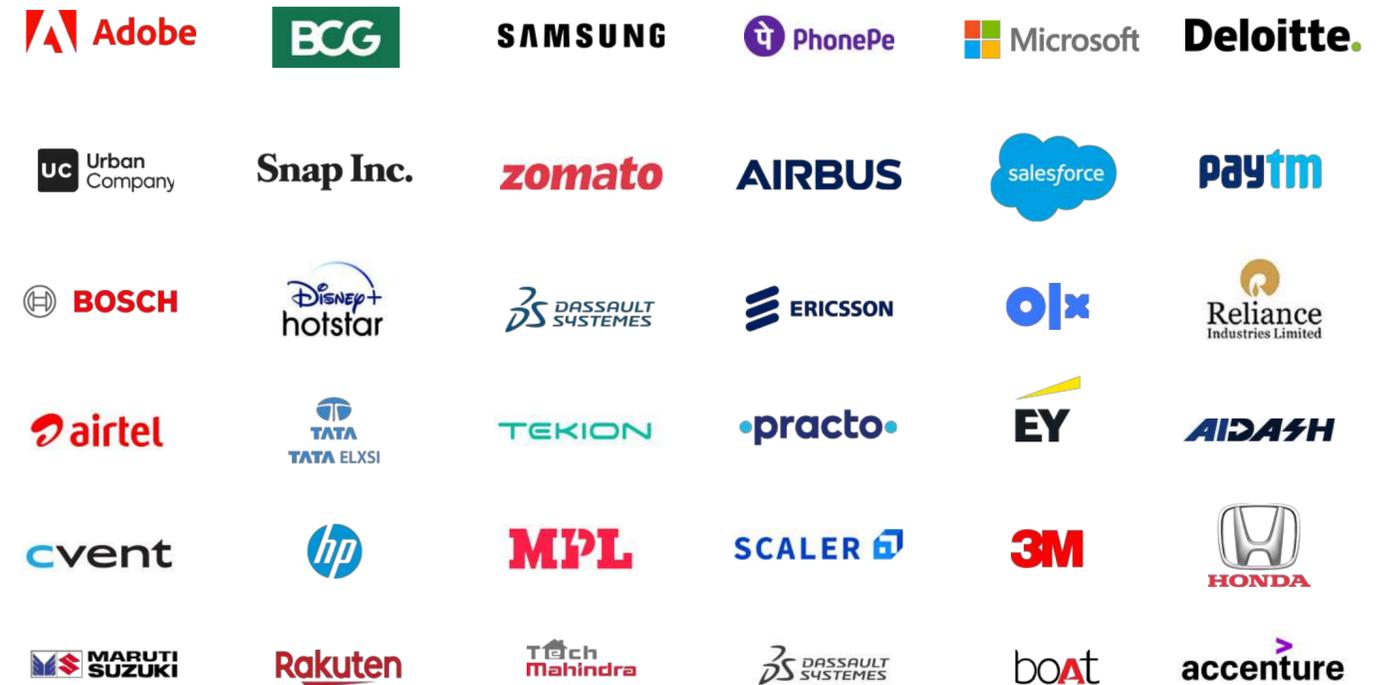
Labs:

- 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
- Real Analysis
- Ordinary Differential Equations
- Discrete Mathematics
- Mathematical Statistics
- Communicative English
- Functional Analysis
- Measure and integration
- Operation Research.
- Complex Analysis
- Partial Differential Equations
- Topology
- Linear Algebra
- Numerical Analysis
- Fundamentals of Computers

Research Areas:

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

Electives:

- Mathematical Modeling and Simulation
- Calculus of Variation
- Database Management System
- Integral Transforms & Equations
- Cryptography and Coding Theory
- Advanced Transport Engineering
- Financial Mathematics
- Data warehousing & Data Mining
- Optimization Techniques
- Approximation Theory
- Machine Learning
- Computer vision
- Robotics and Automation
- Fuzzy Sets and Applications

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

Master of Science (PG)

M.Sc.

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

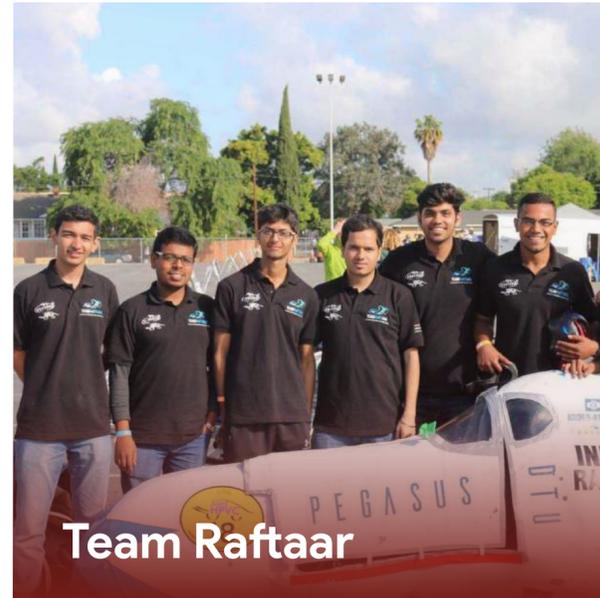
Minors:

- 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



Team Raftaar

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.



Team Inferno

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.



Team UAS

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 AUVSI's SUAS competition, and bagged 3rd position and 1st in FRR at SUAS 2014 in Maryland, USA.



Team UGV

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.



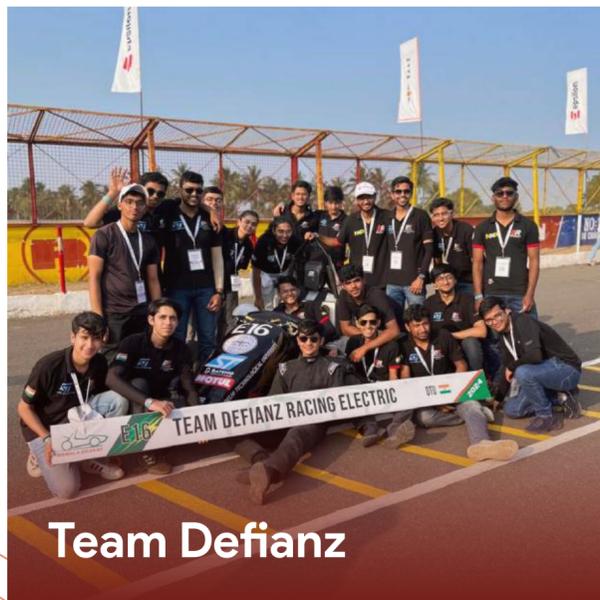
Team AUV

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.



Team SMV

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 156.9Km/Kwh mileage.



Team Defianz

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

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

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)



Skill & Entrepreneurship Events

E-Summit

Placement Team

Prof. Rajesh Rohilla

Head of Department, TnP

Contact: +91 9810530528

Prof. Anil Singh Parihar

Associate Head, TnP

Contact: +91 8800223330

Placement Coordinators

B.Tech

Computer Engineering

coe.placements@dtu.ac.in

Aayush Kashyap | Ananya Goel | Cheshta Kapoor |
Lakshay | Lakshya Verma | Manan Maurya

Software Engineering

se.placements@dtu.ac.in

Saksham Dhawan

Mathematics & Computing Engg.

mc.placements@dtu.ac.in

Divyam Raheja | Manas Gupta

Production & Industrial Engg.

pie.placements@dtu.ac.in

Yajat Kapur

Information Technology

it.placements@dtu.ac.in

Arpit Khetan

Electrical Engineering

ee.placements@dtu.ac.in

Gitansh Mehta | Hardik

Electronics & Communication Engg.

ece.placements@dtu.ac.in

Pourush Sachdeva | Harsh Kumar Singh

Civil Engineering

ce.placements@dtu.ac.in

Ayan Jung Chaudhary

Engineering Physics

ep.placements@dtu.ac.in

Amit Saini | Gaurav Upadhyay

Mechanical Engineering

me.placements@dtu.ac.in

Aditya Jain | Aditya Kumar Singh |
Utkarsh Roy

Mechanical Engg. (With Specialization in Automotive)

ae.placements@dtu.ac.in

Abhinav Aggarwal

Biotechnology

bt.placements@dtu.ac.in

Chemical Engineering

psct.placements@dtu.ac.in

Pranjal Trivedi | Vinati Upadhyay

Environmental Engineering

ene.placements@dtu.ac.in

Mohit Grover

Placement Team

Prof. Rajesh Rohilla

Head of Department, TnP

Contact: +91 9810530528

Prof. Anil Singh Parihar

Associate Head, TnP

Contact: +91 8800223330

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

Parishi Gupta

Bachelor of Business Administration

usme.placements@dtu.ac.in

Krishna Mendiratta

Placement Coordinators

Masters

Master of Technology (M.Tech)

mtech1.placements@dtu.ac.in

Abhishek Kumar | Rishabh Verma | Manjit Kumar |
Amit Singh | Renuka

mtech2.placements@dtu.ac.in

Shubham kumar jha | Harsh Kannaujiya | Rishi B
Mathur | NIKHIL RAJ SINGH YADAV

Master of Business Administration

mba.placements@dtu.ac.in

Piyush Gupta | Isha Goyal | Anshuman Singh Sisodiya |
Mayank Tawatia | Jyotika Tuteja

Biotechnology (M.Tech & M.Sc)

bt.placements@dtu.ac.in

Master of Science (M.Sc)

msc.placements@dtu.ac.in

Aayushi Tomar

Master of Arts (M.A)

usme.placements@dtu.ac.in

Rimjhim Talan

We hope to hear from you soon!



DELHI TECHNOLOGICAL UNIVERSITY

(Formerly Delhi College of Engineering)