



PLACEMENT BROCHURE (2022-23)



DELHI TECHNOLOGICAL UNIVERSITY
(Formerly Delhi College of Engineering)



FROM VICE CHANCELLOR'S DESK

The Delhi Technological University (Erstwhile Delhi College of Engineering) has a glorious past of more than 78 years and has been widely acclaimed for its excellence in education, research and training. Delhi Technological University is fully networked with industry, as well as with academic/scientific community. It has active collaborations with leading universities and industries in India and abroad. Delhi Technological University is the alma mater of highly distinguished world class engineers and technologists, Delhi Technological University has kept the quality of education and research as its main focus of academic and professional activities and this has earned a high reputation in the country and abroad as is evident from DTU figuring several times among the top ten engineering institutions in the country along with the IITs. Several of our students have performed extraordinarily well in various fields such as Business, Management, Performing arts and creative works. 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.



FROM HOD'S DESK

Delhi Technological University has unremittingly been acting as a medium for providing quality technical education with a mission of developing technocrats having the potential to excel. The University strives to instill and inculcate spirits of innovation, leadership, and teamwork among its students. In congruence with its reputation, Delhi Technological University has perpetuated an admirable record for academic contributions towards achieving excellence in building enviable organizations & a stupendous society. Further emphasis on character building and soft skills inculcated in our curriculum prepares our students for the needs of the corporate industry of this growing economy. Placements at Delhi Technological University have been increasing steadily for the past 6 years with last year's placements showing an all-time high average CTC of rupees 11.17 lacs with the highest package of rupees 1.02 crores. Students procured maximum offers from the IT/Software sector closely followed by consulting and core sector job offers. We enjoy highly cherished partnerships with all our recruiters and remain devoted to making their recruiting experience fruitful and positive along with helping students in order to find the best match between their needs and capabilities.

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ABOUT

Delhi Technological University

Delhi Technological University (DTU) is a non affiliating, teaching and research University at Delhi to achieve excellence in science, engineering, technology, management and allied areas and matters connected there with or incidental there to. The University enables students to face the wide-ranging changes taking place in the fields of science, technology, environment and management. The University lays great emphasis on assisting students in the development of national character, self-confidence, leadership and fostering an ecosystem for creativity and imagination. This premier institution is globally well-known for its outstanding education research, and innovations. The University currently offers various interdisciplinary and industry relevant-programs in science, technology, management, and allied areas at both the undergraduate and postgraduate level. The University has established a strong academia-industry interface and has collaborations with reputed research organizations, industries, and premier institutions.

80 Years Heritage

- 2009 ○ Upgraded to a State University
Delhi Technological University
- 1965 ○ Renamed as
Delhi College of Engineering
- 1941 ○ Founded as
Delhi Polytechnic



Notable Alumni



Vinod Dham
Inventor of Pentium Chip



Raj Soin
Founder & CEO, Soin LLC



KL Chugh
Chairman, ITC



Dr. Yogesh Sud
NASA Gold Medalist



Sanjay Gupta
Vice President, Google India



Anil Sardana
MD & CEO



Ashok K. Puri
CMD, BHEL



Ajay Kumar Dixit
CEO, CAIRN



Avinash Pant
Marketing Director,
Facebook India



Sharad Sharma
VC & Ex-CEO, Yahoo India



SK Chaudhary
Director, IRCON



Surya Kant
President, TCS North
America, UK & Europe



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



Undergraduate Programmes

Bachelor of Technology (B.Tech)

Computer Engineering
Information Technology
Software Engineering
Mathematics & Computing
Electronics & Communication Engineering
Engineering Physics
Electrical Engineering
Civil Engineering
Environmental Engineering
Mechanical Engineering
Mechanical Engineering (with specialization in Automotive)
Production & Industrial Engineering
Polymer Science & Chemical Technology
Biotechnology

Bachelors of Design (B.Des)

Visual Communication
Product Design
Interaction Design

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:

- Object Oriented Programming
- Machine Learning
- Artificial Intelligence
- Operating Systems
- Database Management Systems

Labs:

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

Undergraduate Branches

Information Technology

The Department of Information Technology endeavours 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
- Theory of Computation
- Algorithm Design

Labs:

- Computer Networks Lab
- Database Management Systems
- Malware Analysis Lab
- Biometrics Lab

Electrical Engineering

The Electrical Department offers diverse research areas and the curriculum lays emphasis on computer based assignments through Modeling & Simulation (MATLAB) of various electrical systems in well-equipped laboratories along with exposure to the field of Electronics like Microcontroller and Computer Architecture.

Key Courses:

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

Labs:

- Electrical Utilisation Lab
- Power System Lab
- Micro Grid Lab
- Control System Lab



Undergraduate Branches

Electronics & Communication Engineering

The Department of Electronics and Communication Engineering has seen considerable growth since its inception in 1976. It's vision is to focus on the incubation of innovations in the areas of electronic design/fabrication, and communication technologies, which are needed to address the growing challenges of tomorrow.

Key Courses:

- Analog Electronics
- Communication Systems
- VLSI
- Embedded Systems

Labs:

- Computation and Instrumentation Lab
- Microprocessor Lab
- Computer Vision Lab
- VLSI CAD Lab

Engineering Physics

Engineering Physics with majors in Electronics is designed to cover both fundamental physics and applied engineering. The department lays strong theoretical base and high tech labs for areas of physics, digital electronics, embedded systems, VLSI and FPGA, digital and analog communication systems, as an integral part of curriculum.

Key Courses:

- Classical and Quantum physics
- Semiconductor devices
- Condensed matter physics
- CMOS and Digital electronics
- Analog communication systems

Labs:

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

Undergraduate Branches



```
def potential_energy(self) -> np.ndarray:
    raise NotImplementedError()

def energy(self) -> np.ndarray:
    return self.kinetic_energy() + self.potential_energy()

def force(self, t_index):
    raise NotImplementedError()

class ConstantGravityParticleSystem(Particles):
    def force(self, t, x, v):
        return np.array([0, 0, -self.m * self.g])

    def potential_energy(self, x):
        > < print(x), [sep, end, file])
        assert x.shape == self.x.shape
        print(x, end='\n')
        return < ones
        < ones_like

class AerodynamicParticleSystem(ConstantGravityParticleSystem):
    def force(self, t, x, v):
        rho = 1.2
        cw = 0.45
```

Software 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:

- Object Oriented Software Engineering
- Data Structures
- Software Testing
- Data Base Management System
- Operating system

Labs:

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

Mathematics & Computing

The program is an amalgamation of Mathematics with Computer Science and Financial Engineering. The curriculum is designed to meet the needs of sophisticated mathematics for modern scientific investigations and technological developments. The students are enriched with in-depth theoretical background and practical training.

Key Courses:

- Discrete Mathematics
- Scientific Computing
- Algorithm Design and Analysis
- Stochastic Processes
- Financial Engineering

Labs:

- Computational Lab: Students get the opportunity to gain hands on experience with software like MATLAB and SPSS



Undergraduate Branches

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

Labs:

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

Mechanical Engineering

The Mechanical Department has progressed exponentially since its inception in 1941. It has served as a role model for many academic institutes and has a great network of Alumni working in the industry. It produces numerous publications in international/national journals, highlighting the emphasis on research and development.

Key Courses:

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

Labs:

- CAD/Solid Modelling Lab
- Strength of Materials Lab
- Machine Design Lab
- Mechanical Workshops

Undergraduate Branches

Mechanical Engineering with Specialisation in Automotive

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

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 students 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

Labs:

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



Undergraduate Branches

Civil Engineering

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

Key Courses:

- Structural Analysis
- Design of RCC
- Soil Mechanics
- Design of Steel Structures

Labs:

- Hydraulics Lab
- Surveying Lab
- Earthquake Lab
- Transport Lab

Biotechnology

It has established its roots through ambidextrous and perspicuous teaching approach. With a highly versatile curriculum incorporating object oriented programming, DBMS, biostatistics, data structures and programming in SQL. The program not only encompasses various basic aspects of modern biotechnology but also consolidates multifaceted studies incorporating biomedical research and bioinformatics.

Key Courses:

- Molecular Biology
- Genetics
- Biochemistry
- Microbiology
- Cell Biology

Labs:

- Nanobioelectronics Lab
- Stem Cell Biology Lab
- Functional Genomics
- Molecular Nanoscience



Undergraduate Branches

Polymer Science and Chemical Technology

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:

- Mass Transfer
- Heat Transfer
- Polymer Processing
- Packaging Technology
- Fluid Mechanics

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 suitable to the environment.

46 LPA **1 Lakh**
Highest CTC Highest Stipend

Specializations Offered:

- Visual Communication
- Product Design
- Interaction Design

Labs:

- UX Lab
- CAD Lab
- Visual Communication Studio

Past Recruiters



Accolades



Winner

Philips Student Service
Design Challenge



Winner

Microsoft Design
Challenge



Winning Entry

Salesforce Design
Challenge

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



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)

Department	Programme
Computer Science & Engineering	Computer Science & Engineering (CSE)
	Software Engineering (SWE)
Information Technology	Information System (ISY)
Electronics and Communication Engineering	VLSI Design & Embedded System (VLS)
	Signal Processing & Digital Design (SPD)
	Microwave & Optical Communication Engineering (MOC)
Electrical Engineering	Control & Instrumentation (C&I)
	Power Systems (PSY)
	Power Electronics & Systems (PES)
Mechanical Engineering	Production Engineering (PRD)
	Thermal Engineering (THE)
Civil Engineering	Geotechnical Engineering (GTE)
	Hydraulics & Water Resources Engineering (HRE)
	Structural Engineering (STE)
	Geoinformatics (GINF)
Environment Engineering	Environmental Engineering (ENE)
Applied Chemistry	Polymer Technology (PTE)
Biotechnology	Bioinformatics (BIO)
	Industrial Biotechnology (IBT)
Applied Physics	Nano Science & Technology



Postgraduate Programmes

Masters of Science (M.Sc.)

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

Masters of Design (M.Des)

Department	Programme
Department of Design	Interaction Design
	Product Design
	Visual Communication

Masters of Business Administration (MBA)

Department	Programme
USME & DSM	MBA

Mechanical Engineering

The department possesses modern laboratories equipped with latest experimental set-ups and research facilities for instrumentation, computational fluid dynamics supported by Software like view-flex, CAD-CAM and IC engine design. Cad lab has Softwares like NX-LAD, NXCAM, AUTOCAD Inventor, Katia, Icarus, NX-Narran, Hypermesh, Hyperworks, MDADAMS, Dynaform etc. Fluent software is available in the CFD Centre. Industrial Engineering lab has software: SPSS, Witness and InRoads 7

Specialisation:

- M.Tech Thermal engineering
- M.Tech Production and Industrial engin
- M.Tech Computational Design

Research Areas:

Exergy analysis of high temperature thermal barrier coating, Thermodynamic enhancement of solar chimney power plant, Optimization and further development of flexible manufacturing system, Potential for energy and biofuel from biomass in India, Impact of additive manufacturing in value creation, methods, application and challenges, Economic viability and environmental impact of biofuel, Next generation biofuel, Modelling and analysis of single point cutting tool in ANSYS to ascertain stress and heat distribution, Experimental and Numerical kinetic simulation of engine characteristics of a dual fuel (Diesel/Bio-diesel- LPG) CI engine, Residual stress measurement techniques, CFD analysis of air conditioning



Engineering Branches 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 a particular emphasis on extending the knowledge generated from these studies towards the development of technologies of commercial significance.

Specialisation:

- M.Tech Bioinformatics
- M.Tech Industrial Biotechnology

Research Areas:

Nanobioelectronics, neurobiology, genome informatics, immunotherapeutics, plant molecular biology and environmental biotechnology. 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.

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.

Specialisation:

- M.Tech Computer Science Engineering
- M.Tech Software Engineering
- M.Tech Information System

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 Branches 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.

Specialisation:

- 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 electronics, Sensor networks, Image, speech and signal processing, Data compression, Object tracking, Computer vision, pattern classification, Development and designing of Antenna and components, Advancement in 5G technology, Developing optical fiber link network and system, Artificial intelligence in healthcare, Bio-photonic.

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.

Specialisation:

- 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 Branches 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.

Specialisation:

- M.Tech in Structural Engineering
- M.Tech in Geotechnical Engineering
- M.Tech in Hydraulics and Water Resource Engineering

Multidisciplinary Centre for Geoinformatics (MCG)

Specialisation

- M.Tech in Geoinformatics

Research Areas

1. Defence, Security and Intelligence
2. Water resources and Glaciology
3. Urban Infrastructure Development & Planning and Urban Transportation System.
4. 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.

Specialisation:

- 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



Masters of Design (M.Des.)

The newly developed Master of Design degree (M.Des) programme is designed to help students gain the skills, knowledge, and aptitude they need to become creative problem solvers. The M.Des courses begin by developing perceptual abilities, skills and techniques, social and general awareness in the students, and then progress to a series of projects that could tackle some real life problems.

Specialisation:

- Interaction Design
- Visual Communication
- Product Design

Labs:

- UX Lab
- CAD Lab
- Visual Communication Studio
- Prototyping Workshop

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 and Data Mining
- Optimization Techniques
- Approximation Theory
- Machine Learning
- Computer vision
- Robotics and Automation
- Fuzzy Sets and Applications

Master of Science

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 and Molecular Physics
- Nuclear and 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
- Advanced Condensed Matter Physics
- Advanced Numerical Physics
- Pasma Physics
- Characterization Techniques
- Lasers and Spectroscopy
- Advanced Electronics
- Spintronics
- Mathematical Modelling and 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, cellimaging, 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

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

Masters 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.

260+
Students Enrolled

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 those issues.

Core Courses:

- Accounting
- Finance
- Marketing
- Human Resources
- Operations & Statistics

Specializations

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

DUAL
Specialization

4
Technical
Specializations

3
Functional
Specializations

Innovation at DTU



Deltech Baja

DelTech Baja is an elite team that designs, engineers and manufactures vehicles worthy of facing the perilous off road trails that Baja exposes them to. Started off in 2003 as "Team Resistance", eTech Baja is the oldest Baja SAE team in India and was one of the first teams from Asia to participate in overseas events (South Africa and USA).



Unmanned Aerial System

UAS-DTU is a team of undergraduate students of Delhi Technological University, devoted to developing indigenous technological solutions for UAVs. The Team, under mentorship and funding from Lockheed Martin, is the first to develop a Next Generation Urban UAS - Aarush X1, that is tailormade for surveillance in urban jungles like Delhi and Mumbai. The team annually participates in AUVSI's SUAS competition, and bagged 3rd position overall and 1st in FRR at SUAS 2014 competition in Maryland, USA.



Defianz-Racing

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. While the team secured 6th position in Design in FS India, The team bagged second position overall in Asia in FSUK '14.



Team Hertz Electric, DTU

Team Hertz Electric DTU, specializes in making electric cars, with the fast-growing depletion of resources the team looks forward to the alternative and rather better technology and advancement in the automobile industry that is the electric vehicle. The team has participated in the Formula Bharat competition and secured 7th position out of 52 teams. The team aims at the latest and innovative approaches which make the vehicle more eco-friendly.

Innovation at DTU



Autonomous Underwater Vehicle

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 Inferno

Team inferno DTU 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.



Super-mileage Vehicle

DTU SMV 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 has participated in national and international level events and stood 7th out of 72 teams in Shell Eco-Marathon Asia 2018, with a whopping 156.9Km/Kwh mileage.



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 as well as overall in India, in the recently held Human Powered Vehicle Competition' India, organized by ASME.



18

Tech Startups currently in
incubation,
generating

₹10 Million
in revenue

DTU works towards fostering values amongst young individuals to make them an exemplary engineer imbued with the idea of productive, innovative and independent thinking. It has inculcated the 5th subject of entrepreneurship in its curriculum in order to provide the students with a platform to think out of the box and transform their ideas into reality.

Entrepreneurship Cell

E-cell DTU, for the past 12 years has been advocating the spirit of being a 'creator' by providing the students the right guidance and striving to create an entrepreneurial ecosystem. This year E-cell DTU in collaboration with the Alumni Association hosted myriad events to trigger the business-related mindset such as B-Plan Competition, Startup Weekend, fireside chats with investors, Startup-Internship fairs, and QuarIntern- a recent work from the home initiative, interacting with 75+ startups and 20k+ students.

Technology Business Incubator

TBI is geared up towards accelerating the growth and ideas of initial stage startups and has generated over 10 million revenues of the incubated startups and currently working over 18 tech startups. It aims to foster entrepreneurial and networking skills amongst young individuals in the vicinity of the startup ecosystem which are the invaluable assets of the future.

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)



Cultural Fests

engifest
A UTOPIAN ESCAPE

YUVAAN
LITERATURE & FILM FESTIVAL

17TH JAN | A NIGHT OF STORY-TELLING
RAJESH K. SHARMA, ANAND K. JAIN, VIKAS K. SHARMA

17TH JAN | MANISHA KOIRALA
KALKA KOTAK

17TH JAN | RAVINDER SINGH
TALK SHOW

18TH JAN | YUVAAN
LITERATURE & FILM FESTIVAL
A RENAISSANCE MOMENT

18TH JAN | MADHURIMA
G.D. BAKSHI

18TH JAN | BOLLYWOOD BANDS HERE
MILK - BOLLYWOOD MUSIC

19TH JAN | NIGAMI BROTHERS
MILK - BOLLYWOOD MUSIC

19TH JAN | RAKHITA PRASAD
SHARMA - LIVE

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engifest 14th-16th Feb
A UTOPIAN ESCAPE

14th-16th Feb

A UTOPIAN ESCAPE

17TH JAN | A NIGHT OF STORY-TELLING
 8.30PM-10.30PM | TICKETS £5 | 01223 353535



YUVAAN
LITERATURE & FILM FESTIVAL

17TH JAN | RAVINDER SINGH
TALL 5078

18th JAN | LINEAGE POETRY LIVE
LIVE. GEAR. BEING. POIN.

18 JAN 1981

1974 10/24

Placement Statistics

378+

Companies

2381+

Offers



INR 45 LPA



INR 51.75 LPA



INR 30 LPA



INR 33 LPA

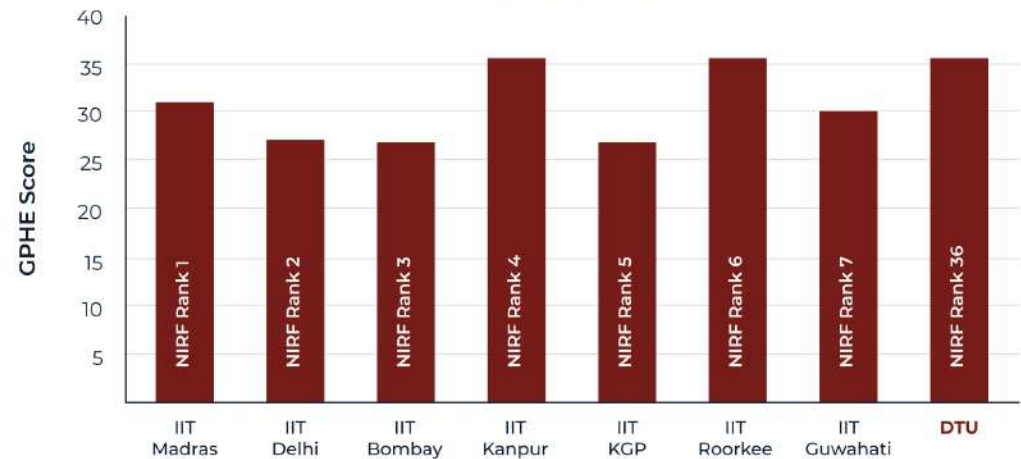


INR 37 LPA



INR 32 LPA

Combined % for Placements, Higher Studies and Entrepreneurship
(GPHE) out of 40



Number of Offers with 10<CTC<20 LPA*



*Data as of August 23, 2021

Average CTC offered in LPA*



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(Formerly Delhi College of Engineering)