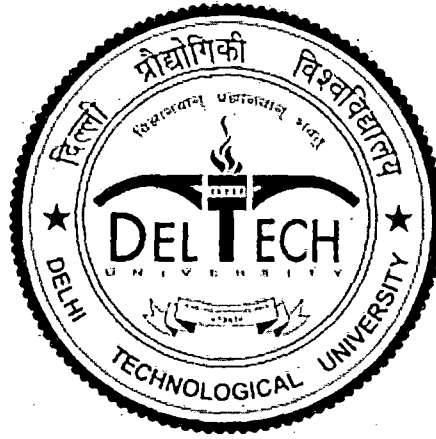




DELHI TECHNOLOGICAL UNIVERSITY

MINUTES

of

7th Meeting

PLANNING BOARD

Date : 30.07.2026

Time : 11:00 A.M.

**Venue : Vigyan Hall, Administrative Block,
DTU (Hybrid mode)**

Shahbad Daulatpur, Bawana Road, Delhi-110042

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Delhi Technological University

(Established by Govt. of NCT of Delhi vide Act 6 of 2009)

(Formerly Delhi College of Engineering)

Minutes of 7th meeting of the Planning Board held in hybrid mode on 30.07.2026 at 11:00 A.M are as follows:

The following members were present :

1. Prof. Prateek Sharma, Vice Chancellor, Delhi Technological University.
2. Prof. Rajive Kumar, Vice Chancellor, J.C. Bose University of Science & Technology, Faridabad
3. Prof. Ashok Banerjee, Director, IIM- Udaipur, Rajasthan
4. Commodore (Dr.) R.K. Rana, Honorary Senior Advisor at the Foundation for Innovation and Technology Transfer (FITT), IIT, Delhi
5. Prof. S.G. Deshmukh, Professor in Mechanical Engineering Deptt., IIT- Delhi (through online mode)
6. Dr. Anil Wali, CEO, BITS BioCyTiH Foundation, BITS Pilani, Goa Campus (through online mode)
7. Sh. Binod Doley, Registrar, Delhi Technological University.

Dr. Pankaj Jalote, Distinguished Professor, IIIT- Delhi could not attend the meeting due to his pre-occupation.

Prof. Girish Kumar, Dean (R&D); Sh. G. C. Prasad, Controller of Finance; Dr. R.K. Shukla, Librarian; Sh. Bimal Jain, Executive Engineer; Sh. Mani Raman Subra, CEO, DTU-IIF and Prof. Neeraj Sharma, Visiting Faculty attended the meeting as special invitees.

Agenda 7.1 : Opening remarks by the Chairperson

Hon'ble Vice Chancellor and Chairperson of the Planning Board welcomed all the members to the 7th meeting of the Planning Board. He informed the members about the sad demise of Prof. B. R. Mehta, Vice Chancellor, JIIT Noida, and a member of the Planning Board, DTU, on 1st September 2025. The members paid tribute to the departed soul by observing a one-minute silence. Thereafter, as per the decision of the Planning Board in the last meeting, a short presentation was delivered by the Hon'ble Vice Chancellor on progress of the University since last meeting. Highlights of the same are given below:

Presentation outline

- Growth and accomplishment
- New programmes introduced
- Bridging Industry-Academia gap
- Digital Education: Executive Education Programme
- Newly created Departments and Centres
- Comparative analysis with top 10 NIRF Institutions
- Issues and challenges
- Future roadmap

Excellence in Research

Year	2018	2020	2021	2022	2023	2024	2025
Researchers awarded	152	155	272	373	393	401	668
SCI/SCIE Publications Awarded (Impact Factor>1)	107	116	191	304	394	441	526

Major initiatives of Research and Innovation 2025

Type of Schemes	No.	Amount (in Rs.)
Faculty Interdisciplinary Research Projects (FIRP)	19	1,87,57,754/-
Young Faculty Grant (YFG)	17	85,00,000/-
Equipment Matching Grant	02	20,40,232/-

Year	No. of Consultancy Projects	Amount (in Rs.)
2024-25	35	10,65,92,304/-
2025-26	87	17,66,24,433/-

- Awarded a **₹99.83 lakh** research project grant from **ANRF**, Gol, under the Advanced Research Grant (ARG) scheme for the project "Fault-Tolerant, Cost-Effective, and Configurable Smart EV Multifunctional Charger with Enhanced Modularity" (December 2025).
- Awarded a **₹300.00 lakh** research grant from MeitY for the project "Development of an AI-Based Solution for Analyzing, Benchmarking, and Quality Monitoring of Cybersecurity Audit Reports and Performance of Auditing Organizations" (October 2025).
- Awarded **₹15 lakh** each under the prestigious MSME Idea Hackathon 5.0 in the Stealth, Surveillance, and Cyber Defence Technologies category.
- DTU IIF has received 90 lakh for AICTE IDEA Lab
- DTU has received 75 lakhs by IHFC, IIT Delhi
- AICTE launched the Post-Doctoral Fellowship (PDF) Scheme in 2024–25 to support PhD holders in advanced research and innovation at AICTE-approved institutions. **Five DTU PhD holders** have been selected for the scheme, effective April 2025.
- Proposal under **National Quantum Mission** for establishment of undergraduate teaching **laboratories in Quantum Technologies** has been awarded by DST.
- Industry X.0 project titled "Expert Based Hybrid Deep Learning Algorithm for Fully Automated Microwave Filter Tuning" awarded in 2026.

International Activities @ DTU

- DTU has started a **twinning program in collaboration with University of Houston (UH)** for MS in Data Science and Artificial Intelligence and MS in Cybersecurity.
- To give this program a momentum, our distinguished Alumnus, **Dr. Durga Das Agrawal**, from Houston **instituted 10 scholarships** which cover tuition fee for the entire tenure of study and one time to and fro airfare.
- MoU signed with **Wright State University, USA**
- MoU signed with **University of Houston, USA**
- MOU with **Bradley University, USA**
- DTU is working on launching **dual-degree, joint-degree, and twinning programs**.



Innovation Awards – Key Achievements 2025

Team Name	Name of the Competition	Awards and Recognitions
UAS-DTU	DARPA Triage Challenge 2025, Guardian Centers in Perry, Georgia, USA.	Secured second place in the Self-Funded Systems category, along with a \$150,000 prize
UAV-DTU	MSME Idea Hackathon 5.0	Rs. 15 Lakh has been awarded to DTU team

Placements: Highest Salary Package

2020-21: 1.12 Cr. p.a – Amazon
2021-22: 1.84 Cr. p.a – Palantir
2022-23: 82.05 Lakhs p.a. – Atlassian
2023-24: 85.3 Lakhs p.a. – Atlassian
2024-25: 85 Lakhs p.a. – Ebullient
2025-26: 85 Lakhs p.a. – Ebullient
MEDIAN PACKAGE: 14 Lakhs p.a.

International Rankings 2025

Times Higher Education World Ranking	Overall (2025)	801-1000 th
	Engineering	801-1000 th
	Computer Science	601-800 th
	Physical Sciences	601-800 th

NIRF Rankings	2025	2024	2023	2022	2021	2020	2019
Total Score	60.85	60.78	58.38	55.65	53.96	51.99	49.97
Rank (Engineering)	30	27	29	35	36	36	34
Rank (University)	42	48	40	38	42	45	47

India Today	University	7 th
	Government Colleges	9 th

Accreditations

- **ISO 9001: 2015** Certification (27.11.2018)
- Accredited (Second Cycle) with a Cumulative Grade Point Average (CGPA) of 3.47 with 'A+' Grade by **NAAC** (June 2025)

Recent MOUs @ DTU

- **National Communications Academy–Technology (NCA-T)**, Department of Telecommunications (DOT), August 2025
- **Indian Army** signed a landmark MOU, October 2025
- **National Research Development Corporation (NRDC)** — an enterprise under the Department of Scientific and Industrial Research (DSIR), Ministry of Science and Technology, Government of India, October 2025
- **Times Edutech and Events Limited and Unified Collaboration Services LLP**, October 2025
- **Bajaj Auto Limited**, December 2025
- **National Council for Cement and Building Materials (NCB)** signed MOU, March 2026

Recruitment 2025-26

- The following appointments have been made:
 - a) Registrar
 - b) Controller of Finance
 - c) Controller of Examinations
 - d) 85 Assistant Professors in Department of:
 - Computer Science & Engineering
 - Software Engineering
 - Information Technology
 - Mechanical Engineering
 - University School of Management & Entrepreneurship
 - Delhi School of Management
 - Design

New Academic Programmes (2025-26)

- Undergraduate Programmes (B.Tech.)
 - Computer Science and Engineering (Data Science and Analytics)
 - Information Technology (Cyber Security)
 - Electronics Engineering (VLSI Design and Technology)

- Postgraduate Programmes (M.Tech. and M.Tech. by Research)
 - Cyber Security
- Introduction of double major in economics
- Integrated UG-PG Programmes
 - Data Science
 - Applied Statistics

Initiatives to Bridge the Industry-Academia-Government-Community Gap

- **Introduction of Industry Micro-credentials (IMCs) in Formal Curriculum of UG and PG Programmes**

The IMCs are 'short, competency-based, industry-aligned units of learning'. These are specialized skill-based certifications that provide competency in a specific skill or practice with high degree of stand-alone value.

- **Industry Sponsored Laboratories for hands-on and R&D activities**
- **Establishment of Centre for Community Development and Research**

Major initiatives of Research and Innovation 2025

40 Startups working in Innovation and Incubation Foundation (IIF)

- **AllSecureX:** Developed Virtual Quantum Vajrakavach, a quantum-ready cybersecurity solution.
- **ParkItUp:** Smart parking solution operational at Dwarka Cancer Hospital.
- **Skitii:** Raised ₹4 crore for AI-driven emotion-adaptive music therapy.
- **Biome Sustainability Ventures:** Crop-residue-based construction materials, backed by ₹4 crore seed funding.
- **House Easy:** Raised ₹33.5 crore in Series A funding led by Chirate Ventures.
- **Zoid Technologies:** Secured ₹22 crore from Gopalan Aerospace for missile decoy systems, plus ₹5.5 crore for FOD solutions.
- **CattleGuru:** Raised ₹2 crore from Antler and ₹70 lakh from Shiru Startups Japan.
- **NEMA AI:** Attracted ₹80 lakh from Shark Tank India investors.
- **Echiofy:** Raised ₹54 lakh from multiple investors.

Office of Digital Education

- **Centre of Executive Education**
- **Centre of Technology Enhanced Learning: Empowering Minds (CTEL)**

CTEL plans to launch industry-aligned executive and certificate programs through reputed Ed-Tech partners:

- **VC Now**
 - Senior Management Program in ESG Auditing and Sustainable Development
 - Senior Management Program in Renewable Energy
- **TimesPro**
 - Certificate Program in Artificial Intelligence
 - Certificate Program in Data Science and AI
- **Jaro Education**
 - MBA (Business Analytics)

Newly Created Department /Centres

Centre of Sports Research, Analytics and Rehabilitation

- This centre would cater to athletes, researchers, coaches, and medical professionals, aiming to improve performance, reduce injuries, and drive innovation in sports.
- The following activities have been organised by the Centre:
 - **Hackathon in AI and Sports with a participation 350+ students across India.**
 - **Flat Feet Assessment and Awareness Campaign, April 15-17, 2026.**
 - Minor specialization in **Sports Analytics.**

Nodal Centre of Excellence in Energy Transition

Inauguration of the “**Yogi Goswami Clean Energy Laboratory**” by Hon’ble Minister of Education and Power, Government of NCT of Delhi on September, 2025



Divisions under Nodal Centre of Excellence in Energy Transition:

- Prof. Yogi Goswami Clean Energy Laboratory
- Grid Interface and Energy Conversion Division
- Energy Storage Division
- E-Mobility Division
- Green Hydrogen Division
- Sustainable Material Science Division

Center for Case Studies and Research (CCSR)

- Create high-quality **techno-managerial** cases.
- Equip students with data-driven and technology-enabled analytical skills.
- Foster strong academia-industry collaboration.
- Advance governance innovation and address social challenges like digital inclusion.

Science of Spirituality Meditation Centre

- Objective of the center is to promote holistic development, meditation practices, and value-based education among students.
- Centre aims to promote holistic education by integrating meditation practices with academic learning, fostering mental well-being, conscious living, and value-based education among students, in alignment with the vision of the National Education Policy (NEP) 2020.

Comparative Analysis with Top 10 of NIRF Ranked Institutions

Institute	Rank	Teaching, Learning & Resources	Research and Professional Practice	Graduation Outcomes	Outreach and Inclusivity	Perception	Total Score
IIT Madras	1	95.7	90.74	82.29	63.25	100.00	88.72
IIT Delhi	2	85.89	93.47	81.67	62	93.97	85.74
IIT Bombay	3	87.97	84.8	87.05	59.13	85.04	83.65
IIT Kanpur	4	91.78	76.34	88.08	59.18	78.49	81.82
IIT Kharagpur	5	85.25	77.56	79.82	64.24	74.57	78.69
IIT Roorkee	6	76.05	76.57	85.83	63.91	60.98	75.44
IIT Hyderabad	7	88.03	61.39	79.21	54.39	61.98	72.31
IIT Guwahati	8	73.6	72.89	84.68	61.4	52.06	72.24
NIT Tiruchirappalli	9	73.25	57.65	78.7	64.68	66.54	68.14
IIT Varanasi	10	66.39	61.68	86.03	60.51	55.64	67.24
DTU	30	73.01	46.72	79.17	54.82	36.25	60.85

Institute Name	Total Budget (in Cr.)	Grant-in-Aid (in Cr.)	GIA/Total budget %	Faculty	Students	FSR
IIT Madras	996	649.58	65.21	591	8000	13.53
IIT Delhi	855.81	747.57	87.35	700	12543	17.91
IIT Bombay	896	NA	NA	759	12986	17.11
IIT Kanpur	841	657.6	78.19	655	6478	9.89
IIT Kharagpur	1302.45	684.23	52.53	722	15671	21.70
IIT Roorkee	806.23	772.44	95.80	1000	6858	6.85
IIT Guwahati	NA	457	NA	456	8533	18.71
IIT Hyderabad	450	300	66.66	306	4706	15.37
NIT Tiruchirappalli	629.83	223.69	35.51	344	5069	14.73
IIT Varanasi	372	266.24	71.56	300	7000	23.33
DTU	274	42	15	371	16855	45.43

* as taken from internet

Issues & Challenges

GIA vs BE/RE (in Crores)

FY	GIA (in Crores)	BE/RE (in Crores)
2021-22	53	203
2022-23	56	216
2023-24	56	246
2024-25	0	248
2025-26	42	274
2026-27	30	305.3

Post Creation in Delhi Technological University

Sl. No.	File No.	Name of Post	No. of Post	Approval of BoM
1	DTU/ Plg/ creation/ 77/ 2024 (CD No. 794553)	Teaching Post	100	In 53 rd meeting held on 11.12.2024
2.	DTU/ Plg./ non-teaching/ 81/ 2024 (CD NO. 815431)	Non-Teaching Posts (Technical and Ministerial)	401	In 55 th meeting held on 27.05.2025
3.	DTU/Stat/53/2021 (CD No. 674229)	Medical Posts	21	In 43 rd meeting held on 21.05.2021
4	DTU/ Plg/ Librarian/ 79/ 2024 (CD No. 791113)	Revision of Pay Scales of Librarian, Dy. Librarian and Assistant Librarian	5	In 50 th meeting held on 11.03.2024
5	DTU/ Plg/ Lib/ 82/ 2025 (CD No. 7999490)	Dy. Librarian and Assistant Librarian	4	In 50 th meeting held on 11.03.2024



Future roadmap

- White paper
- Rural Technology and Community Engagement Programme (RTCEP)
- Infrastructure
- New Centres
- Recruitment

Infrastructure Development

Phase II, Stage II

- Construction of AB-6 Block Building
- Construction of Boys Hostels
- Construction of Faculty & Staff Residential Flats
- Construction of Multipurpose Hall
- Construction of Annapurna Mess – Boys & Girls
- Construction of main Boundary Wall of university
- Expansion & Vertical Extension of DSM Building
- Construction of Multistoried Parking facility
- Construction of International Students Hostels
- Construction of Swimming Pool
- Augmentation and up-gradation of HT & LT power line
- Expansion of existing Guest House in Multistoried Guest House with facility of International Standards
- Construction of Narela Campus

Phase III & IV

- Construction of Academic Blocks
- Construction of Girls & Boys Hostels
- Construction of Faculty & Staff Residential Flats (Type – IV & Type – V)

Phase V

- Construction of Academic Blocks
- Construction of Girls & Boys Hostels
- Construction of Faculty & Staff Residential Flats (Type – I & Type – III)

Centre of Excellence – Roadmap

- Centre of Excellence in Cyber Security and Quantum Enhanced Cryptography
- Centre of Excellence in Artificial Intelligence
- Centre for Digital Diagnostics and Healthcare Management
- Centre of Excellence for Climatic Action and Sustainability Studies
- Centre of Excellence in Disaster Risk Reduction

Discussion:

- i) Prof. Rajive Kumar shared an initiative implemented at his university, where all sophisticated equipment costing more than ₹50 lakh available in the university laboratories was identified for use by industry, researchers, and Ph.D. scholars. A dedicated portal was then developed to host this information. Through the portal, industry professionals, researchers, and scholars can book time slots to access the equipment and conduct experiments by paying a prescribed fee. This initiative has enhanced the university's revenue generation. He suggested that DTU may also explore implementing a similar initiative. **(Action: Chairperson, CIF)**
- ii) Prof. Ashok Banerjee suggested that a provision may be introduced for Ph.D. students who are unable to complete their Ph.D. degree, allowing them to be awarded an M.Tech. by Research degree or any other appropriate qualification, subject to the prescribed academic requirements. **(Action: Chairperson, Dean (PG))**
- iii) While appreciating the University's initiative to introduce the proposed Rural Immersion Program for B.Tech. students, Prof. Rajive Kumar suggested that the University should also explore starting D.Voc. and B.Voc. programmes for rural youth and students who are unable to pursue higher education or have dropped out of their studies. This would add another dimension to the University's outreach initiatives. He further informed that his university has already introduced these programmes in collaboration with nearby industries. **(Action: Dean (UG) and HOD, Continuing Education)**
- iv) Dr. A. K. Wali appreciated the presentation made by the Hon'ble Vice Chancellor and suggested that the University should establish an Endowment Foundation. **(Action: Dean (I&AA))**
- v) Prof. S.G. Deshmukh suggested that newly recruited faculty members should be encouraged to explore emerging areas of research and actively engage with alumni, industry, MSMEs, and the community. He also emphasized the need to undertake focused research on issues that are closely linked to societal needs and the concerns of rural India, which represents the pulse of the nation. Such initiatives would enhance the quality and relevance of research, increase the University's visibility, and contribute to an improved perception score. He further observed that providing better facilities and support to international students would also help improve the University's perception score. **(Action: Director CCDR and Dean (CR))**
- vi) Prof. Deshmukh further suggested that the status of infrastructure development, recruitment, and other major initiatives should be presented in every meeting of the Planning Board. He further recommended that highlights of the University's performance on 4–5 key indicators, such as



publications, research grants, and other significant achievements, should also be presented to enable the Board to assess the progress of the University's ongoing activities. **(Action: Director Ranking to collate information from Dean (R&D), CPO, Dean (UG), Dean (PG), Dean (I&AA) and Dean (P&R)**

vii) To improve the University's perception score in the NIRF framework, Prof. S. G. Deshmukh suggested actively engaging and liaising with alumni, industry, and government stakeholders. **(Action: Dean (I&AA))**

viii) Prof. Ashok Banerjee emphasized the importance of promoting gender diversity in the University. He further suggested that the University should focus on branding and strategic communication, citing the example of the Indian School of Business (ISB), Hyderabad, where a dedicated team transforms technical research articles into popular, reader-friendly articles for the general public and the authors actively engage with readers through social media and other communication platforms, thereby enhancing the institution's visibility and outreach. **(Action: Dean UG, Dean PG, Dean DE and PRO)**

ix) Prof. Banerjee also suggested that the University's centres should be interdisciplinary, self-sustaining, and capable of influencing both practice and public policy. He cited the example of the Budget Lab at Yale University in this regard. He further emphasized that such centres have a significant role to play in enhancing the visibility and perception of the University. **(Action: CEO IIF and all Directors of Centres)**

x) Commodore R. K. Rana made the following suggestions:

a) The Planning Board should meet once every four months. **(Action: Council Branch)**

b) The University should set more ambitious goals and targets. **(Action: Chairpersons of all the verticals of the committee on Institutional Development Plan)**

c) A comprehensive assessment of the University should be carried out through an external agency. **(Action: Registrar and CoF)**

d) The University should explore establishing a co-working space in the heart of the city to promote innovation and research. **(Action: Registrar and CoF)**

e) The University may also explore introducing new academic programmes in Robotics and Humanoids. **(Action: Dean UG and Dean PG)**

xi) The Hon'ble Vice Chancellor requested all members of the Planning Board to review the white paper on the comparison with IITs and the proposed policy draft for the Rural Technology and Community Engagement Programme (RTCEP) for students, which will be submitted through circulation, and provide their inputs. **(Action: VC Secretariat).**

Agenda 7.2 : Confirmation of the minutes of 6th meeting of the Planning Board held on 04.07.2025

It was submitted to the Planning Board that the minutes of the 6th meeting of the Planning Board, DTU held on 04.07.2025, were circulated among all the members vide forwarding number F.No. DTU/ Council/ Plg.Board/ 78/ 2024/ 651 dated 31.07.2025. No comments were received from any of the members.

Decision : The Planning Board confirmed the minutes of its 6th meeting held on 04.07.2025.



Agenda 7.3 : Action taken report on the decisions taken in the 6th meeting of the Planning Board held on 04.07.2025

The Planning Board was informed that 8 agenda items were discussed in the last meeting held on 04.07.2025. The details of the agenda, decisions taken thereon and the action taken by the University are given hereunder for information of the Hon'ble members:

Item No.	Agenda Item	Decision Taken	Action Taken Report
6.1	Opening remarks by the Chairperson.		Matter of record.
6.2	Confirmation of the minutes of 5 th meeting of the Planning Board held on 14.11.2024.	The Planning Board confirmed the minutes of its 5 th meeting held on 14.11.2024.	Matter of record.
6.3	Action taken report on the decisions taken in the 5 th meeting of the Planning Board held on 14.11.2025.	The Planning Board took the Action Taken Report on record.	Matter of record.
6.4	Review of the Progress of Strategic Plan, 2024-26 of the University.	The Planning Board noted the progress of Strategic Plan, 2024-26 of the University with the suggestions made by the Members. The Planning Board further advised the followings: 1. Meeting of the Planning Board should be conducted quarterly. 2. A short presentation of the progress based on the KPI of last quarter of the University should be presented by the Vice Chancellor in the beginning of the meeting.	Noted. Actions as per the suggestion and decision of Planning Board has been taken by the University which are given below the table.

		3. A report on the financial health of the University should be presented in the next meeting. 4. CEO, DTU-IIF should be invited in the next meeting to present the startup activities in the University. 5. A report on the MoUs signed by the University, their outcomes and follow-up be presented in the next meeting. 6. Short presentation by the Deans of the University for their respective area should be presented before the Planning Board in the forthcoming meetings.	
6.5	Review of the Progress of Strategic Plan, 2024-26 of Library of the University.	The Planning Board noted the progress of Strategic Plan 2024-26 of Library of the University and advised to present the business model of the University Press in next meeting.	Noted.
6.6	Review of the Progress of Strategic Plan, 2024-26 of Recruitment and Establishment of the University.	The Planning Board noted the progress of Recruitment and Establishment Branch of the University.	Noted.
6.7	Matter of information: Progress of North Campus of Delhi Technological University at Narela Educational Hub.	The Planning Board noted the above development in respect of North Campus of the University in Narela Educational Hub.	Noted.
6.8	Any other item with the permission of the Chair.	No other matter.	Matter of record.



In addition to the above, as per suggestions given by the Planning Board in the last meeting, following actions were taken by the University:

1. Zero Discharge Policy:

The University has one fully functional and operational Sewage Treatment Plant (STP) with a capacity of 1 MLD. The plant receives wastewater from all locations across the University campus, treats and recycles it, and the treated water is reused for flushing, horticulture, and other non-potable purposes. The University is committed to a zero-discharge policy.

2. (a) Short fall in Ph.D admissions:

To increase Ph.D. admissions, the following measures have been undertaken:

i. Heads of Departments/Directors have been requested to undertake outreach initiatives to promote and increase Ph.D. admissions.

ii. The minimum duration of the Ph.D. programme has been revised from four years to three years.

iii. The Ph.D. entrance examination carries a weightage of 70%. The Examination Branch has been requested to audit and monitor the quality of the question papers with respect to syllabus coverage, difficulty level, research methodology content, and other relevant parameters to enhance the quality of the admission process and encourage higher Ph.D. enrolment.

(b) To increase fellowship to the Ph.D scholar:

The University has increased the DTU Fellowship w.e.f. December 2025 vide notice no. 105-109/Acad-PG/DKDF/2024-25/682-689 dated 16.01.2026. Copy of the same is placed at **Annexure page 1**.

(c) To explore the research funding from the Central Government:

(i) Information regarding calls for research proposals from various Central Government Ministries, departments and funding agencies is disseminated to the faculty members as and when such calls are announced.

(ii) During the last one year, more than 100 research proposals have been submitted by the University faculty to various funding agencies, including ANRF, MeitY, AICTE, DBT, DRDO, ISRO, DST and other Government organizations.

(iii) During the same period, 20 research projects have sanctioned to the University faculty with a cumulative financial support of approximately Rs. 9 crore.

3. Each academic department in the University should have a Value Proposition Document indicating strength, capabilities, research area, facilities etc. available with the department:

The Value Proposition Documents has been prepared by various academic departments of the University. Same is placed at **Annexure pages 2 to 50**. In addition, each department has been asked to prepare a flyer highlighting department's accomplishments.

4. AICTE scheme of scholarship for the teachers in which 25% fund given by AICTE and rest by the industry and to nominate faculty members of DTU for this scheme:

Various departments have nominated the faculty for the program.

5. To start minor program in Quantum Computing in collaboration and to collaborate with National Quantum Mission (NQM) which is a national initiative by India to advance research and development in quantum technology, aiming to position the country as a global leader in this field:

The Minor in Quantum Technologies (QTs) has been introduced from the current semester for students enrolled in the B.Tech programme. The three academic programmes—B.Tech in Quantum Science and Technology (QST), M.Tech in Quantum Technologies, and M.Tech by Research in Quantum Science offered by the Department of Applied Physics—have been approved in-principal by the Academic Council in its 42nd meeting held on 25.07.2025 and the Board of Management in its 56th meeting held on 30.07.2025. The new B.Tech (QST) programme is expected to commence from the next academic session. Furthermore, the Government of India, through the National Quantum Mission (NQM), has favourably recommended the establishment of an undergraduate teaching laboratory in Quantum Technologies at DTU.

6. Diversity in gender among the students, faculty and staff in University:

The University has increased the supernumerary quota for female students in all B.Tech programs at DTU as follows:

5% for the Academic Year 2025-26

7% for the Academic Year 2026-27

8% for the Academic Year 2027-28

Candidates of all genders are admitted to all programmes offered by the University strictly on the basis of merit. The University's Recruitment Rules are gender-neutral and do not contain any discriminatory provisions based on gender, thereby ensuring equal opportunity in recruitment. Furthermore, in the recruitment of Professors of Practice, 5% of the positions are reserved for female candidates in accordance with the guidelines issued by the AICTE.

7. To take the initiatives for capacity building of staff members, centre for training for staff, courses as per the level of staff with credits in Academic Bank of Credit (ABC) and to tie-up with Karm-Yogi program of Government of India):

The Human Resource Development Centre (HRDC) of the University has been conducting training programmes for the University's staff on a regular basis. List of training programs conducted since last Planning Board meeting is given below:

S.No.	Date of Training	Topic
1.	04.06.2026	Workshop on 'How to write a Winning Proposal'
2.	14.03.2026	Workshop on National Credit Framework (NCrF) in Practice: Institutional Design, Credit Architecture & Mobility Framework (Online) for Deans/HODs/Directors and Faculty members
3.	17.02.2026	Workshop on Sensitization of Roles and Responsibilities of Deans, HoDs and Directors of DTU
4.	12.01.2026	3 rd National Conference on Social Responsibilities of Educational Institutions (National YOUTH Day) at Delhi Technological University
5.	03.12.2025 to 05.12.2025	three-days Faculty Induction program for newly recruited Assistant Professors of DTU
6.	24.10.2025	Hands-on-Training on Applications of Google Forms and AI Tools

Training Programs planned in next six months

S.No.	Topic
1.	Workshop on NCrf- Aligned Curriculum Design for Flexible, Multidisciplinary and Inclusive Pathways for Deans/HoDs/Directors.
2.	Leadership Training Program for Deans/HODs/Directors
3.	Workshop on Development of MOOC Course for newly recruited faculty members
4.	Faculty Induction Program for newly recruited faculty of DTU (Round 2)
5.	Training Program for Office Management using AI tools and techniques (for faculty members and staff)
6.	Training Program for staff members as per recruitment of Dept./Section/ Branch of DTU

8. (a) **University should get itself on board with 'Study in India' programme of Government of India and get registered on its portal.**
The University has already been registered on the Government of India's **Study in India (SII)** portal under User ID **U-0098**.

(b) **To conduct outreach programs by inviting the counsellors of foreign consulate for the purpose.**

Outreach activities have been initiated with Embassies, High Commissions, and foreign universities as part of the ongoing admission campaign for the Academic Year 2026–27. The University is also planning to extend formal invitations to consular counsellors to participate in an outreach programme on campus.

9. (a) **University should participate in International Conferences organized by NAFSA.**

Information regarding upcoming NAFSA conferences is being compiled. A proposal for participation, along with the composition of the delegation, will be submitted to the Competent Authority for approval.

(b) **University should depute a team including personnel from administration and accounts in such conferences.**

A policy is being formulated to facilitate DTU faculty members participating in international conferences by permitting an extension of their conference visits by one or two days to undertake outreach activities aimed at promoting the University internationally. These activities may include visits to schools and universities in the host city of the conference. A committee has been constituted to frame the guidelines for the proposed policy, which will be placed before the Finance Committee and the Board of Management for approval in their forthcoming meetings.



10. To have a scheme for foreign exposure of the faculty members in the University.

The policy governing faculty and student mobility under the **Erasmus+ KA171 Inter-Institutional Agreement (IIA)** for international academic collaboration was approved by the Academic Council at its 45th meeting held on **24 June 2026**.

The Office of International Affairs is also exploring opportunities to establish academic collaborations with universities in the BRICS countries and the United States through the University's alumni network in the USA. A policy framework to facilitate such collaborations is currently under formulation.

11. To increase ratio of Patents to Research papers.

The University regularly organizes Intellectual Property Rights (IPR) awareness programs. During the last one year, 05 IPR awareness workshops have been conducted.

A dedicated IPR Cell has been established to provide end-to-end support to innovators and faculty members in filing patent applications.

Further, the data of patents filed in last three years are given below:

Year	Patents Filed	Patents Published	Patents Granted
2024	39	37	13
2025	45	50	18
2026 (till date)	22	24	15

To work towards Patent to Technology Transfer.

The University has actively participated in various innovation and technology transfer platforms including:

- i. InvenTiv-2025, IIT Madras
- ii. Tech Expo, TEC Chandigarh
- iii. Patent-O-Thon, KIT College of Engineering, Kolhapur
- iv. CSIR-National Chemical Laboratory, Pune

These participations have provided opportunities for showcasing innovations, facilitating industry interactions, and promoting technology commercialization.

All the information about the ongoing research, research paper, patents, new product development etc. should be available on University website.

The University website has been updated with information relating to:

- Sponsored Research Projects
- Consultancy Projects
- Granted Patents

The information is updated periodically to ensure its accuracy and completeness.

New technology development/product development should be counted in the promotion of faculty members

A Committee has been constituted by the Competent Authority to review the Annual Performance Appraisal Report (APAR) format. The Committee is considering the inclusion of parameters related to technology development, product development, innovation, patents, technology transfer, and other research outcomes in the appraisal framework.

12. To engage experts/consultant for Centre of Excellence for Tribology:

The list of experts focuses on Tribology, Lubrication, Greases, wear, friction, bearings, coatings, nanotribology, bio-tribology and surface engineering is placed at **Annexure Page 51**.

13. a. University should focus on Continuing Education Program on similar lines of IIT Delhi.

The University is planning to start online Post Graduate programs- MBA and M.Tech. The proposal will be placed before the Academic Council in its next meeting for approval to start the programs.

b. University may explore Executive Education Program, Online Certification Program, Capacity Building Program etc.

The University has launched 03 certificate programs in online mode for Executive Education:

1. Advanced Program in Renewable and Sustainable Energy Management.
2. Leadership Program in CSR, ESG & Corporate Sustainability
3. Advanced Certificate Program in Artificial Intelligence (will be starting on 4th September, 2026)

c. University should develop own business model.
Business model of the University is yet to be formulated.

d. Engagement of Alumni should be more focused upon by engaging young faculty members in the Alumni office of the University.

Office of Alumni Affairs has engaged faculty members as coordinators for various responsibilities. Faculty members were also assigned additional responsibilities of Department Coordinator of Alumni Office. Engagement of Alumni is prioritised.

e. One of the major area for funding is CSR funds from corporates. University should frame the strategy to harness these funding. Alumni engagement will be helpful in this regard.

A database of approximately 150 companies with an annual turnover exceeding ₹500 crore has been prepared. The contact details of the respective CSR Heads, along with information on DTU alumni working in these organisations, have also been compiled. The database will be utilised for pitching CSR proposals.

A University-level Committee has been constituted to review CSR proposals received from various departments and to provide recommendations for their improvement, as well as to identify suitable corporate organisations for submission of proposals. A meeting of the Committee was held on **23.10.2025**, during which five CSR proposals received from the Departments of Electrical Engineering, Information Technology, Computer Science & Engineering, Environmental Science & Engineering, and Applied Mathematics were reviewed.

The Corporate Relations Office is actively engaging with identified companies and DTU alumni to secure CSR support for the University.

f. University may engage professional agency for advertisement and promotion. University may form a specialised cadre of professionals for this purpose.

i. Some efforts were made to establish contact with Deloitte through one of the University's alumni. However, further initiatives are required to engage a professional agency for the advertisement and promotion of the University.

ii. Necessary steps have been initiated to engage specialised professionals for advertisement and promotional activities of the University. Accordingly, the PRO Office has been restructured and renamed as the Media Cell.

Under the revised structure, an external media professional with the requisite academic qualifications, specialisation, and relevant experience is proposed to be engaged as the Public Relations Officer (PRO).

- iii. To explore revenue generation opportunities, the Media Cell has initiated the development of an online **DTU Gift Shop** featuring a range of DTU merchandise. A Committee was constituted for this purpose, and the designs for the merchandise and the website have been finalised.

g. Revenue from other areas such as DTU magazines etc. may also be explored.

The University is under process of establishing University Press, therefore, after establishing the press, revenue generation from magazines, books etc. shall be explored.

14. Vagueness of the problems to be removed in repository of problem bank in CCDR by joint consultation:

The Centre is coordinating with the organisations from which the problem statements have been sourced to seek greater clarity and enhance their formulation. In this regard, discussions have recently been held with organisations such as IEEMA and DDA. Based on these discussions, several problem statements have been revised. The process of refining and strengthening the problem statements is ongoing.

15. Delhi Polytechnic should be included in the DCE-DTU Legacy Connect:

Delhi College of Engineering (DCE) was renamed in 1965. Prior to this, during the period from 1952 to 1965, the institution was known as Delhi Polytechnic and offered both Diploma and Degree programmes, thereby establishing the institutional lineage that preceded DCE and, subsequently, Delhi Technological University (DTU).

As per the membership criteria of the DCE-DTU Legacy Connect, membership is open to alumni possessing graduate and higher qualifications. Accordingly, alumni of Delhi Polytechnic who fulfil these eligibility criteria are included within the ambit of the DCE-DTU Legacy Connect.

16. To frame policy documents/framework for roles and responsibilities for Deans/HODs/Directors with the approval of the Board of Management:

A committee has been constituted for framing the policy documents/framework for roles and responsibilities for Deans/HODs/Directors.

17. To conduct and training for the sensitization of the roles and responsibilities of Deans/HODs/Directors:

Following programs have been conducted for the sensitization of the roles and responsibilities Deans/HODs/Directors by HRDC:

- (i) Training program on roles and responsibilities of Deans/ HODs/ Directors of the University was organized on 27th February, 2026.
- (ii) Workshop for National Credit framework was organized on 24th March, 2026 for Deans, HODs, Directors and Faculty members.
- (iii) Workshop on NCrF-Aligned Curriculum Design for Flexible, Multidisciplinary and Inclusive pathways for Deans/HODs/Directors has been organized on 13th July, 2026.
- (iv) HRDC has proposed a One-Day Leadership Program for the Deans, HODs and Directors of the University in the month of August 2026.

Decision : The Planning Board took the Action Taken Report on record.

Agenda 7.4 : Business model of the University Press

It was submitted that the proposal for establishment of **DTU Press** has been formulated pursuant to the recommendation made in the 5th University Court Meeting held on 28.04.2023 for creating a University Press to publish the research and scholarly output of Delhi Technological University.

Subsequently, a committee under the Chairmanship of Prof. Ashutosh Trivedi, with representatives from DTU-IIF, the University Library, and the publishing industry, was constituted to prepare a comprehensive proposal covering the organisational structure, operational framework, manpower requirements, and financial implications for establishing DTU Press. The committee deliberated the matter in its meetings and submitted its recommendations.

The proposal was considered by the Board of Directors of DTU Innovation and Incubation Foundation (DTU-IIF) in its meeting held on 12.08.2025. The Board approved the establishment of DTU Press under DTU-IIF and recommended submission of the proposal to Delhi Technological University for financial support. Thereafter, the business plan was presented before the Deans/Heads meeting, and the Hon'ble Vice-Chancellor directed that the matter be placed before the statutory authorities for approval.

The proposal envisages establishment of DTU Press as a professional academic publishing unit for publication of textbooks, research monographs, conference proceedings, journals, policy papers, patents, innovation-related publications, and other scholarly works of the University. The initiative will significantly enhance the University's academic visibility, research dissemination, institutional branding, and support the objectives of the National Education Policy (NEP) 2020.

A five-year budget was prepared with suitable provision for recurring and non-recurring expenditure and an annual enhancement to sustain the operations of DTU Press.

Proposed Budget for DTU Press Publishing Unit

FY 2026-27 · 01 October 2026 to 31 March 2027 · Amounts in Rupees

Item	Amount (₹)
Onboarding for Publishing up to 5 (Five) Books and Journals	600,000
Head of Publishing (01)	100000 × 06 = 600,000
Commissioning Editor (01)	50000 × 06 = 300,000
Project Editor (01)	30000 × 06 = 180,000

Item	Amount (₹)
Design and Layout Specialist (01)	30000 × 06 = 180,000
Accounts-cum-Administration Assistant (01)	30000 × 06 = 180,000
Intern (02)	25000 × 06 × 2 = 300,000
Office Appliances, Equipment and Furniture (Split/Window 2 Ton Air-conditioner 02 nos.; Ceiling Fan 04 nos.; Table 07 nos.; Chair 12 nos.; Refrigerator 01 no.; Food Warmer/Oven 01 no.; RO Water Dispenser 01 no.; Steel/Wood Almira/Document Storage Unit 02 nos.; Fire Extinguisher 02 nos.; Oil based Space Heater 02 nos.; Tube Lights etc.)	600,000
Miscellaneous Office Stationery; Other Consumables; Electricity and Water Utilities	160,000
IT Hardware (Desktop for Design and DTP Work 01 no.; Laptop 04 nos.; Tablet 01 no.; Colour Printer-cum-Scanner 01 no.; Smart Phone 03 nos.; External Hard Disk 1 Tera Byte; WiFi Router, etc.); along with IT Software (Adobe, Microsoft Office, Open Journal System (OJS), Cloud Storage, Accounting and Record Keeping etc.)	600,000
Website (including E Commerce Section) Design and Maintenance	200,000
Communications, Travel (local/outstation), and Contingency	200,000
TOTAL (approx.)	4,100,000

Proposed Budget for DTU Press Digital Printing Unit

FY 2026-27 · 01 October 2026 to 31 March 2027 · Amounts in Rupees

Item	Amount (₹)
Digital Colour Printer Machine (DCPM)	5,000,000
DCPM Operator (01)	40000 × 06 = 240,000
DCPM Operator's Assistant (01)	25000 × 06 = 150,000
DCPM Associated Equipment and Furniture (Split/Window 2 Ton Air-conditioner 01 no.; Ceiling Fan 02 nos.; Table 02 nos.; Chair 04 nos.; Steel/Wood Almira/Document Storage Unit 02 nos.; Fire Extinguisher 01 no.; Tube Lights; Cutting Machine 01 no.; Folding Machine 01 no.; etc.)	560,000
IT Hardware (Desktop for DTP Work 01 no.; Colour Printer-cum-Scanner 01 no.; Smart Phone 01 no.; External Hard Disk 1 Tera Byte; WiFi Router; etc.)	250,000
Miscellaneous Office Stationery; Other Consumables; Electricity and Water Utilities	300,000
TOTAL (approx.)	6,500,000

Proposed Annual Budget (Year 02) for DTU Press Publishing Unit

Amounts in Rupees

Item	Amount (₹)
Publishing of up to 15 (Fifteen) Books and Journals	18,00,000
Head of Publishing (01)	$110000 \times 12 = 1,320,000$
Commissioning Editor (01)	$55000 \times 12 = 660,000$
Project Editor (01)	$33000 \times 12 = 396,000$
Design and Layout Specialist (01)	$33000 \times 12 = 396,000$
Accounts-cum-Administration Assistant (01)	$33000 \times 12 = 396,000$
Intern (02)	$27500 \times 12 \times 2 = 660,000$
Office Appliances, Equipment and Furniture (if required any)	50,000
Office Consumables and Utilities	1,50,000
IT Hardware (iMac, Laptops, Tablet, Printer-cum-Scanner, Smart Phones, etc.); along with IT Software (Adobe, Microsoft Office, Open Journal System (OJS), Cloud Storage, Accounting and Record Keeping etc.) (In case of upgradation and scale up)	1,00,000
IT Hardware and Software Annual Maintenance; Website Maintenance	1,00,000
Communications, Travel (local/outstation), and Contingency	4,00,000
TOTAL (approx.)	6,428,000

[Office Appliances, Equipment and Furniture; IT Hardware and Software are NON-RECURRING Expenditure. All other are RECURRING Expenditure]

Proposed Annual Budget (Year 02) for DTU Press Digital Printing Unit

Amounts in Rupees

Item	Amount (₹)
DCPM Operator (01)	$44000 \times 12 = 528,000$
DCPM Operator's Assistant (01)	$27500 \times 12 = 330,000$
Consumables and Utilities, Maintenance of IT Hardware and Software and Other	4,00,000
TOTAL (approx.)	1,258,000

[All are RECURRING Expenditure]

Proposed Annual Budget (Year 03) for DTU Press Publishing Unit

Amounts in Rupees

Item	Amount (₹)
Publishing of up to 20 (Twenty) Books and Journals	2,400,000
Head of Publishing (01)	$125000 \times 12 = 1,500,000$
Commissioning Editor (01)	$60000 \times 12 = 720,000$
Project Editor (02)	$36000 \times 12 \times 2 = 864,000$
Design and Layout Specialist (01)	$36000 \times 12 = 432,000$
Accounts-cum-Administration Assistant (01)	$36000 \times 12 = 432,000$
Intern (02)	$30000 \times 12 \times 2 = 720,000$
Office Appliances, Equipment and Furniture (if required any)	1,00,000
Office Consumables and Utilities	2,00,000
IT Hardware (iMac, Laptops, Tablet, Printer-cum-Scanner, Smart Phones, etc.); along with IT Software (Adobe, Microsoft Office, Open Journal System (OJS), Cloud Storage, Accounting and Record Keeping etc.) (In case of upgradation and scale up)	2,00,000
IT Hardware and Software Annual Maintenance; Website Maintenance	3,00,000
Communications, Travel (local/outstation), and Contingency	4,00,000
TOTAL (approx.)	8,268,000

[Office Appliances, Equipment and Furniture; IT Hardware and Software are NON-RECURRING Expenditure. All other are RECURRING Expenditure]

Proposed Annual Budget (Year 03) for DTU Press Digital Printing Unit

Amounts in Rupees

Item	Amount (₹)
DCPM Operator (01)	$48000 \times 12 = 576,000$
DCPM Operator's Assistant (01)	$30000 \times 12 = 360,000$
Consumables and Utilities, Maintenance of IT Hardware and Software and Other	3,00,000
TOTAL (approx.)	1,236,000

[All are RECURRING Expenditure]

Proposed Annual Budget (Year 04) for DTU Press Publishing Unit
Amounts in Rupees

Item	Amount (₹)
Publishing of up to 25 (Twenty-Five) Books and Journals	3,000,000
Head of Publishing (01)	$135000 \times 12 = 1,620,000$
Commissioning Editor (01)	$65000 \times 12 = 780,000$
Project Editor (02)	$39000 \times 12 \times 2 = 936,000$
Design and Layout Specialist (01)	$39000 \times 12 = 468,000$
Accounts-cum-Administration Assistant (01)	$39000 \times 12 = 468,000$
Intern (02)	$32500 \times 12 \times 2 = 780,000$
Office Appliances, Equipment and Furniture (if required any)	150,000
Office Consumables and Utilities	2,00,000
IT Hardware (iMac, Laptops, Tablet, Printer-cum-Scanner, Smart Phones, etc.); along with IT Software (Adobe, Microsoft Office, Open Journal System (OJS), Cloud Storage, Accounting and Record Keeping etc.) (In case of upgradation and scale up)	200,000
IT Hardware and Software Annual Maintenance; Website Maintenance	3,00,000
Communications, Travel (local/outstation), and Contingency	450,000
TOTAL (approx.)	9,352,000

[Office Appliances, Equipment and Furniture; IT Hardware and Software are NON-RECURRING Expenditure. All other are RECURRING Expenditure]

Proposed Annual Budget (Year 04) for DTU Press Digital Printing Unit
Amounts in Rupees

Item	Amount (₹)
DCPM Operator (01)	$52000 \times 12 = 624,000$
DCPM Operator's Assistant (01)	$32500 \times 12 = 390,000$
Consumables and Utilities, Maintenance of IT Hardware and Software and Other	2,50,000
TOTAL (approx.)	1,264,000

[All are RECURRING Expenditure]

Proposed Annual Budget (Year 05) for DTU Press Publishing Unit

Item	Amount (₹)
Publishing of up to 30 (Thirty) Books and Journals	3,600,000
Head of Publishing (01)	$145000 \times 12 = 1,740,000$
Commissioning Editor (01)	$70000 \times 12 = 840,000$
Project Editor (02)	$42000 \times 12 \times 2 = 1,008,000$
Design and Layout Specialist (01)	$42000 \times 12 = 504,000$
Accounts-cum-Administration Assistant (01)	$42000 \times 12 = 504,000$
Intern (02)	$35000 \times 12 \times 2 = 840,000$
Office Appliances, Equipment and Furniture (if required any)	200,000
Office Consumables and Utilities	2,00,000
IT Hardware (iMac, Laptops, Tablet, Printer-cum-Scanner, Smart Phones, etc.); along with IT Software (Adobe, Microsoft Office, Open Journal System (OJS), Cloud Storage, Accounting and Record Keeping etc.) (In case of upgradation and scale up)	250,000
IT Hardware and Software Annual Maintenance; Website Maintenance	300,000
Communications, Travel (local/outstation), and Contingency	4,50,000
TOTAL (approx.)	10,436,000

[Office Appliances, Equipment and Furniture; IT Hardware and Software are NON-RECURRING Expenditure. All other are RECURRING Expenditure]

Proposed Annual Budget (Year 05) for DTU Press Digital Printing Unit

Item	Amount (₹)
DCCPM Operator (01)	$56000 \times 12 = 672,000$
DCCPM Operator's Assistant (01)	$35000 \times 12 = 420,000$
Consumables and Utilities, Maintenance of IT Hardware and Software and Other	260,000
TOTAL (approx.)	1,352,000

[All are RECURRING Expenditure]

***Projected Gross Annual Revenue for Year 01, 02, 03, 04 and 05 (in Rupees; approx.) can be calculated once data for type of work done as well as expenditure incurred towards various Digital and/or Offset Printing Works by DTU in FY 2025-26 and FY 2024-25 is assessed.**

Revenue Streams

Revenue Stream	Source Mechanism
Book Sales (Print and Electronic)	Via Own Website as well as Academic, Industry and Trade partnerships
Journal Subscriptions (Customised or Annual; Print and Electronic)	Via Own Website as well as Academic, Industry and Trade partnerships
Conference/Symposium/Workshop Proceedings (Customised or Open Access; Print and/or Electronic)	Via Event Organiser/Participant/User-pays model
Publishing Guidance/Training Services	Via Academic, Research and Industry partners looking to encourage in-house authorship

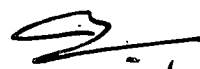
Summary of Total Expenditure — Year 01 to Year 05

Year	Publishing Unit	Digital Printing Unit	Year Total
Year 01 (FY 2026-27, 6 months)	4,100,000	6,500,000	10,600,000
Year 02	6,428,000	1,258,000	7,686,000
Year 03	8,268,000	1,236,000	9,504,000
Year 04	9,352,000	1,264,000	10,616,000
Year 05	10,436,000	1,352,000	11,788,000
GRAND TOTAL (5 Years, approx.)	38,584,000	11,610,000	50,194,000

Note: Year 01 covers a six-month period (01 October 2026 to 31 March 2027); Years 02-05 are full 12-month periods. Totals are approximate, as per the individual budget tables above. Year 02, Year 04, and Year 05 Publishing/Digital Printing Unit totals reflect the corrected sum of their listed line items.

Keeping in view of the above, following proposals were submitted before the Planning board:

1. To establish **DTU Press** under DTU-IIF as the University's academic publishing and scholarly communication platform.
2. To approve the five-year implementation plan for DTU Press.
3. To allocate the required budget, including **for the first year** and the projected budget for the subsequent years.



Discussion:

- i) *Prof. Rajive Kumar suggested outsourcing most of the printing work to ensure financial viability.*
- ii) *Prof. Ashok Banerjee, while cautioning about the future financial sustainability of the University Press, suggested focusing on quality rather than quantity.*

Decision : The Planning Board considered and recommended the matter to the Finance Committee and to the Board of Management for further consideration and approval.

Agenda 7.5 : Presentation of status of Functional MoUs of the University

It was submitted that as per the decision of Planning Board in last meeting, the University has undertaken a comprehensive review of the functional Memoranda of Understanding (MoUs) executed across its academic departments, centres, and Dean's offices. At present, approximately 70 functional MoUs are operational, covering research collaboration, industry engagement, student internships, curriculum enrichment, technology development, entrepreneurship, and community outreach. The review indicates that these collaborations are yielding measurable academic, research, and societal outcomes, reflecting a transition from ceremonial partnerships to result-oriented engagements.

Key Outcomes

1. Student Development

- Facilitated internships, industrial training, expert lectures, workshops, industrial visits, and micro-credential programmes.
- More than **200 students** have benefited through industry-linked learning opportunities.
- Several departments have introduced industry-supported elective and micro-credential courses.
- Notable collaborations include **NTRO, DDA, NPL, Survey of India, and National Communications Academy–Technology (NCA-T)**.

2. Research and Innovation

- Collaborative research initiatives have been undertaken with national laboratories, industries, and government organizations in strategic areas including semiconductors, telecommunications, biotechnology, healthcare, geospatial technologies, transportation, advanced manufacturing, and environmental sustainability.
- Joint Ph.D. supervision, sponsored research proposals, technology development, and innovation projects are underway.
- Key collaborations include **DRDO, NTRO, ICAR, CRRI, Semiconductor Laboratory (SCL), and Gateway Education**.

3. Curriculum Enrichment

- Industry partners have contributed to curriculum development through new electives, laboratory modules, executive education programmes, and skill-based courses in emerging areas such as Artificial Intelligence, ESG, Cyber Security, Semiconductor Design, Renewable Energy, Tribology, and Railway Technologies.



- Important collaborations include **GRIHA, IEEMA, NISE, and industry partners supporting micro-credential programmes.**

4. Societal and Community Impact

- MoUs have contributed significantly to road safety, healthcare, digital literacy, sustainability, entrepreneurship, environmental awareness, and student welfare initiatives, benefiting schools, local communities, and economically weaker sections.

Proposed Follow-up Actions

To further strengthen the impact of institutional collaborations, the following actions are proposed:

1. **Periodic Performance Review:** Conduct quarterly monitoring and annual evaluation of all MoUs based on measurable Key Performance Indicators (KPIs) such as joint publications, sponsored projects, patents, internships, placements, faculty exchange, start-ups, and technology commercialization.
2. **Centralized Monitoring System:** Develop a digital dashboard for real-time monitoring of MoU activities, outcomes, and impact, with periodic reporting to the Planning Board.
3. **Strengthen High-Impact Collaborations:** Expand MoUs that have demonstrated tangible outcomes by promoting joint research centres, sponsored projects, industry-funded laboratories, international collaborations, and technology commercialization initiatives.
4. **Renewal and Rationalization:** Renew high-performing MoUs and discontinue inactive or non-performing collaborations after periodic review to ensure effective utilization of institutional resources.

Departmental Accountability: Encourage every department and centre to operationalize at least one new high-impact industry or institutional collaboration annually, aligned with the University's strategic priorities in research, innovation, skill development, and employability.

Conclusion: The review demonstrates that DTU's functional MoUs are making significant contributions to research excellence, innovation, industry engagement, curriculum development, student employability, and community outreach. A structured framework for periodic monitoring, outcome assessment, and strategic expansion of high-performing collaborations will further strengthen the University's research and innovation ecosystem and enhance its national and international standing.

Discussion :

- i) Prof. Rajive Kumar shared an initiative implemented at his University, wherein Ph.D. scholars are engaged in the routine activities of various centres with some remuneration. He suggested that a similar arrangement may be explored at DTU through the endowment foundation. **(Action: Dean (PG) and Dean (I&AA))**
- ii) Commodore R. K. Rana suggested that the University should extend its facilities and expertise to nearby small industries and MSMEs for services such as 3D modelling, FEA analysis, and other technical support. He highlighted that this would help create an additional source of revenue while strengthening industry engagement. **(Action: Dean (CR))**

Decision : The planning Board reviewed the status of Functional MoUs of the University.

Agenda 7.6 : Presentation of Startup activities of the DTU Innovation & Incubation Foundation (DTU-IIF)

It was submitted that as per the decision of Planning Board in last meeting to the Planning Board, a presentation of Startup activities of the DTU Innovation & Incubation Foundation (DTU-IIF) shall be presented before the Planning Board. Some of the details of the same are given below:

DTU Innovation & Incubation Foundation (DTU-IIF), established in 2016 as a Section 8 company, is the official Technology Business Incubator (TBI) of Delhi Technological University. It serves as the University's startup ecosystem, supporting the transformation of innovative ideas into globally competitive enterprises through incubation infrastructure, co-working spaces, prototyping support, expert mentorship, investor and industry linkages, IP and legal assistance, business advisory, market access, and international collaborations.

The Foundation implements flagship Government of India initiatives including the NIDHI Inclusive Technology Business Incubator (NIDHI iTBI-DST), Startup India Seed Fund Scheme (SISFS), and NASSCOM Foundation programmes, while regularly organizing startup bootcamps, hackathons, innovation challenges, investor demo days, capacity-building workshops, entrepreneurship development programmes, and research commercialization initiatives. Since its inception, DTU-IIF has incubated over 100 startups across DeepTech, AI & ML, Defence & Aerospace, Sustainability, Agritech, HealthTech and Consumer Brands, with a total valuation of over Rs. 1,200 crores, raised private investment of over Rs. 300 crores, generated an annual turnover of over Rs. 700 crores, and created over 1,500 jobs.

Its startups have secured funding from leading investors including Antler, Shiru Startups Japan, Shark Tank India investors, venture capital funds and angel investors, while earning prestigious recognitions such as the IMC 2024 Winner, Mission Startup IISF 2024 National Winner, Gulfood Innovation Awards 2025, Bharat Business Awards, IIT Guwahati Hackathon, and Delhi Startup Yuva Festival 2026, reinforcing DTU-IIF's position as a nationally recognized hub for innovation, entrepreneurship and technology commercialization.

Decision : The Planning Board noted the activities of DTU-IIF and advised that a strategic plan along with a business plan for DTU-IIF be presented in the next meeting. The plan should incorporate future roadmap, strategies for achieving self-sustainability, and mechanisms for leveraging CSR funds, among other aspects.

Agenda 7.7 : Presentation of financial health of the University

It was submitted that as per the decision of Planning Board in last meeting to the Planning Board, a presentation of financial health of the University shall be presented before the Planning Board. Some of the details of the same are given below:

Delhi Technological University (DTU) continues to demonstrate a strong, sustainable, and resilient financial position, providing a robust foundation for academic excellence, research expansion, and long-term infrastructure development. The financial analysis highlights the University's ability to generate consistent operating surpluses, maintain substantial liquidity, and support strategic capital investments entirely through internal resources.

Key Financial Highlights

- Total Income: ₹283.43 Crore
- Operating Surplus: ₹78.23 Crore (27.6%)
- Cash & Fixed Deposits: ₹894.86 Crore
- Outstanding Liabilities: Only ₹33.53 Crore
- Internal Revenue Contribution: 84.8%, reflecting a highly self-sustaining financial model.
- Grant Dependency: Limited to 15.2%, ensuring greater financial autonomy.
- Liquidity Coverage Ratio: 4.36×, indicating exceptional capacity to absorb financial shocks.
- Salary Cost Ratio: 46.1%, comparable with leading IITs and well within healthy norms.
- Solvency Ratio: 3.7%, reflecting negligible financial risk.

The comparative benchmarking reveals that DTU's financial indicators are closer to premier IITs than conventional public universities, particularly in terms of operating surplus, internal revenue generation, liquidity, and cost efficiency. Scenario analyses further establish that the University can withstand substantial revenue shocks, including significant fee reductions or the absence of Government grants, without compromising operational sustainability.

The assessment also confirms that the proposed ₹500 Crore phased capital expenditure programme can be financed entirely from internal accruals and existing liquid resources, without resorting to external borrowing, thereby preserving long-term fiscal stability.

Overall Assessment

DTU possesses a financially robust and future-ready balance sheet, characterized by strong liquidity, prudent expenditure management, low dependence on external grants, and excellent revenue-generating capacity. These strengths place the University in an advantageous position to pursue strategic investments in academic infrastructure, research, innovation, digital transformation, and institutional growth while maintaining long-term financial sustainability.

Decision : The Planning Board reviewed the presentation on the financial health of the University and advised that a revised report, incorporating the discussions held during the meeting, be submitted to the members of the Planning Board through circulation for review. The revised report should include an impact assessment of the proposed recruitment, the implementation of the 8th Pay Commission, liability incurred due to infrastructural project(s), the estimated cost of development of the Narela campus, and other relevant factors affecting the University's financial health.

Agenda 7.8 : Review of status of various construction projects in Delhi Technological University

It was submitted to the Planning Board that the various construction projects have been recommended by the Planning Board in its 5th meeting held on 14.11.2024 vide agenda no. 5.7 to 5.17 and subsequently approved by Board of Management in its 53rd meeting held on 11.12.2024 vide agenda no. 53.9. Status of these projects were given as under:

S.No.	Project Details	Status in last meeting	Current status
1.	Construction of International Student Hostel, H-3 Building (G+11) (Estimated Cost is Rs.40.56 Crore) and Boys Hostel H-2 (G+11) (Estimated Cost is Rs.38.72 Crore) at DTU Main Campus	As per the approval accorded by the planning board, finance committee and finally by the Board of management, a request letter was sent to the PWD for submitting the preliminary estimate for the appointment of consultants/architects vide letter dated 09.01.2025 (copy enclosed). Thereafter, a reminder letter sent to PWD vide letter dated 12.03.2025 for the submission of preliminary estimate for the appointment of consultants/architects. The same is awaited from PWD.	i) Estimate for comprehensive consultancy services for Rs. 74,09,584/- received from PWD vide letter no. F.23(63) PM (HEP)/PWD/794 dated 20.04.2026. ii) A/A and E/S for consultancy accorded vide letter no. DTU/Engg.Cell/0047/ 2025-26/Civil/492-98 R&I dated 06-05-2026 for Rs.74,09,584/-. iii) Tenders for awarding the work of consultancy services has been called by PWD.
2.	Construction of AB-6 (Academic Block No.6) Building (G+9) at DTU Main campus. (Estimated Cost is Rs.110.52 Crore).	As per the approval accorded by the planning board, finance committee and finally by the Board of management, a request letter was sent to the PWD for submitting the preliminary estimate for the appointment of consultants/architects vide letter dated 09.01.2025 (copy enclosed). Thereafter, a reminder letter sent to PWD vide letter dated 12.03.2025 for the submission of preliminary estimate for the appointment of consultants/architects. The same is awaited from PWD	i) Estimate for comprehensive consultancy services for Rs. 1,17,60,651/- received vide letter no. F.23(63) PM (HEP)/PWD/794 dated 20.04.2026. ii) A/A and E/S for consultancy accorded vide letter no. DTU/Engg.Cell/0047/ 2025-26/Civil/492-98 R&I dated 06-05-2026 for Rs.1,17,60,651/-. iii) Tenders for awarding the work of consultancy services has been called by PWD.



3.	Construction of Annapurna Mess CB-2 (Boy's) and CB-4 (Girl's) building at DTU Campus	As per the approval accorded by the planning board, finance committee and finally by the Board of management, a request letter was sent to the PWD for submitting the preliminary estimate for the appointment of consultants/architects by this office vide letter dated 09.01.2025 (copy enclosed). Thereafter, a reminder letter sent to PWD vide letter dated 12.03.2025 (copy enclosed) for the submission of preliminary estimate for the appointment of consultants/architects. Accordingly, PWD has submitted a preliminary estimate for the appointment of consultant/architect vide their office letter dated 29.04.2025 amounting to Rs.39,97,800/- (incl of GST) to this office out of which Rs.15,53,040/- has been assigned by the PWD for this work in the Preliminary Estimate. The same has already been put up by this office for the approval of competent authority.	i) As per Preliminary estimates received from PWD, the A/A and E/S issued for Rs.28,78,62,000/- to PWD vide letter no. DTU/ Engg. Cell/0047/2025-26/ Civil/255-61 R&I dated 20.04.2026 for Boy's Mess building (CB-2) at DTU Campus. ii) An amount of Rs.2,90,00,000/- released to PWD vide letter no. DTU/Engg.Cell/0047/ 2025-26/Civil/61-66 dated 20-04-2026 for Boy's Mess building at DTU Campus as advance for this deposit work. iii) As per Preliminary estimates received from PWD, the A/A and E/S issued for Rs.20,95,34,000/- to PWD vide letter no. DTU/ Engg. Cell/0047/2025-26/ Civil/248-54 R&I dated 20.04.2026 for Girl's Mess building (CB-4) at DTU Campus iv).An amount of Rs.2,10,00,000/- released to PWD vide letter no. DTU/Engg.Cell./0047/ 2025-26/Civil/61-66 dated 20-04-2026 for Girl's Mess building at DTU Campus as advance for this deposit work. v) Soil testing at both the proposed sites has been completed by the consultant appointed by PWD and the proposal prepared for tendering is under the approval of technical sanction.
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4.	Construction of Faculty & Staff Residential Flats (RB-5) at DTU Main Campus. (Estimated Cost is Rs.53.69 Crore)	As per the approval accorded by the planning board, finance committee and finally by the Board of management, a request letter was sent to the PWD for submitting the preliminary estimate for the appointment of consultants/architects vide letter dated 09.01.2025 (copy enclosed). Thereafter, a reminder letter sent to PWD vide letter dated 12.03.2025 for the submission of preliminary estimate for the appointment of consultants/architects. The same is awaited from PWD.	i) Estimate for comprehensive consultancy services for Rs.1,18,98,037/- received vide letter no. F.23(63) PM (HEP)/PWD/794 dated 20.04.2026. ii) A/A and E/S for consultancy work accorded to PWD vide letter no. DTU/Engg.Cell/ 0047/2025-26/Civil/492-98 R&I dated 06-05-2026 for Rs.3,10,68,272/-. iii) Tenders for awarding the work of consultancy services has been called by PWD.
5.	Construction of Multipurpose Hall (AB-9) (G+1) at DTU Main Campus. (Estimated Cost Rs.15.00 Crore).	As per the approval accorded by the planning board, finance committee and finally by the Board of management, a request letter was sent to the PWD for submitting the preliminary estimate for the appointment of consultants/architects vide letter dated 09.01.2025 (copy enclosed). Thereafter, a reminder letter sent to PWD vide letter dated 12.03.2025 for the submission of preliminary estimate for the appointment of consultants/architects. The same is awaited from PWD.	
6.	Expansion/ Extension of existing Guest House in Multi-Storied Guest House with facility as per International Standard of Guest House at DTU Campus. (Estimated Cost is Rs. 46.20 Crore).	As per the approval accorded by the planning board, finance committee and finally by the Board of management, a request letter was sent to the PWD for submitting the preliminary estimate for the appointment of consultants/architects vide letter dated 09.01.2025 (copy enclosed). Thereafter, a reminder letter sent to PWD vide letter dated 12.03.2025 for the submission of preliminary estimate for the appointment of consultants/architects. The same is awaited from PWD.	



7.	Construction of boundary wall of DTU Main Campus. (Estimated Cost is Rs.19.00 Crore).	As per the approval accorded by the planning board, finance committee and finally by the Board of management, a request letter was sent to the PWD for submitting the preliminary estimate for the appointment of consultants/architects by this office vide letter dated 09.01.2025 (copy enclosed). Thereafter, a reminder letter sent to PWD vide letter dated 12.03.2025 (copy enclosed) for the submission of preliminary estimate for the appointment of consultants/architects. Accordingly, PWD has submitted a preliminary estimate for the appointment of consultant/architect vide their office letter dated 29.04.2025 amounting to Rs.39,97,800/- (incl of GST) to this office out of which Rs.7,39,850/- has been assigned by the PWD for this work in the Preliminary Estimate. The same has already been put up by this office for the approval of competent authority.	i) The A/A and E/S issued to PWD for Rs.20,46,56,000/- vide letter no. DTU/ Engg. Cell/0047/2025-26/ Civil/2560-66 dated 10.10.2025. ii) An amount of Rs. 13,21,90,000/- released to PWD vide letter no. DTU/Engg.Cell/0047 /2025-26/Civil/1144-1149 dated 15-12-2025 on account of this work. iii) Work awarded to the contractor and labour mobilized at site.
8.	Expansion and Vertical Extension of DSM Building at DTU Main Campus. (Estimated Cost is Rs.12.85 Crore).	As per the approval accorded by the planning board, finance committee and finally by the Board of management, a request letter was sent to the PWD for submitting the preliminary estimate for the appointment of consultants/architects by this office vide letter dated 09.01.2025 (copy enclosed). Thereafter, a reminder letter sent to PWD vide letter dated 12.03.2025 (copy enclosed) for the submission of preliminary estimate for the appointment of consultants/architects. Accordingly, PWD has submitted a preliminary estimate for the appointment of consultant/architect vide their office letter dated 29.04.2025 amounting to Rs.39,97,800/- (incl of GST) to this office out of	i) The structural stability survey has been conducted by the consultant appointed by PWD and estimation is under process.

		which Rs.5,07,510/- has been assigned by the PWD for this work in the Preliminary Estimate. The same has already been put up by this office for the approval of competent authority.	
9.	Construction of Parking facility along the boundary wall and adjacent to DSM Building of DTU Main Campus (Estimated Cost is Rs.5.00 Crore).	As per the approval accorded by the planning board, finance committee and finally by the Board of management, a request letter was sent to the PWD for submitting the preliminary estimate for the appointment of consultants/architects by this office vide letter dated 09.01.2025. Thereafter, a reminder letter sent to PWD vide letter dated 12.03.2025 (copy enclosed) for the submission of preliminary estimate for the appointment of consultants/architects. Accordingly, PWD has submitted a preliminary estimate for the appointment of consultant/architect vide their office letter dated 29.04.2025 amounting to Rs.39,97,800/- (incl. of GST) to this office out of which Rs.11,97,400/- has been assigned by the PWD for this work in the Preliminary Estimate. The same has already been put up by this office for the approval of competent authority.	i) The work has been kept in abeyance.
10.	Augmentation and up-gradation of HT & LT power line distribution with the replacement of panels at the main campus DTU (Estimated Cost is Rs. 19.30 Crores).	The A/A and E/S amounting to Rs.19.30 Crores of this work has been communicated to PWD vide letter dated 17.01.2025 and the tendering is under process which is being done by PWD (Copy enclosed).	i) Work awarded to M/s S.L. Electromech Pvt. Ltd. by PWD vide award letter no. 57 (Work)/HEED (B-141)/PWD/2026/ 238 dated.10.04.2026. DTU has paid Rs. 4.00 Crores vide sanction order dated 29.01.2026 and Paid Rs.5,65,14,104/- vide sanction order dated 05.06.2026 to PWD. ii) The inspection of electrical equipment's is being carried out by PWD.



11.	SITC of CCTV of all the buildings of DTU Campus. (Estimated Cost is Rs. 23.16 Crore).	This work reviewed in the 17 th Building and works committee and additional recommendation given by the building and works committee held on 30.10.2024. Hence, the same is being taken up engineering cell at their own level instead of PWD as deposit work.	i) It has been decided that the work shall be done along with the networking work for which the combined proposal shall be prepared by IT branch of DTU.
12.	Expansion/ Extension of existing Guest House in Multi-Storied Guest House with facility as per International Standard of Guest House at DTU Campus. (Estimated Cost is Rs. 46.20 Crore).	As per the approval accorded by the planning board, finance committee and finally by the Board of management, a request letter was sent to the PWD for submitting the preliminary estimate for the appointment of consultants/architects vide letter dated 09.01.2025 (copy enclosed). Thereafter, a reminder letter sent to PWD vide letter dated 12.03.2025 for the submission of preliminary estimate for the appointment of consultants/architects. The same is awaited from PWD.	i) Estimate for comprehensive consultancy services for Rs.1,18,98,037/- received vide letter no. F.23(63) PM (HEP)/PWD/794 dated 20.04.2026. ii) A/A and E/S for consultancy accorded to PWD vide letter no. DTU/Engg.Cell/ 0047/2025-26/Civil/492-98 R&I dated 06-05-2026 for Rs.3,10,68,272/-. iii) Tenders for awarding the work of consultancy services has been called by PWD.

Discussion :

- i) Prof. Rajive Kumar suggested that, for the construction projects of academic and residential buildings, a provision for maintenance of the buildings for a period of three-four years should also be included in the contractor's scope of work. **(Action: CPO)**
- ii) Prof. Ashok Banerjee informed the Board about an infrastructure project developed at his institution on a PPP model, wherein long-term maintenance was included in the developer's scope of work. He stated that the project was executed under the Viability Gap Funding (VGF) model with government support. He suggested that the feasibility of adopting a similar model may also be explored at DTU. **(Action: CPO and COF)**
- iii) Dr. R. K. Rana suggested to encourage the students and faculty members to undertake study and research on ancient technologies of India at DTU. **(Action: Dean UG/PG & Dean (R&D))**

Decision : The planning Board reviewed and noted the status of various construction projects in Delhi Technological University.

Agenda 7.9 : Matter of information:

Progress of North Campus of Delhi Technological University at Narela Educational Hub

In the last meeting of the Planning Board the Planning Board was apprised about the progress of setting up North Campus of Delhi Technological University at Narela Educational Hub. Status of Land/Flats at Narela was given as below:

Allotment of 47.46 Acres of Land at Narela

DDA vide letter dated 11.01.2024 has allotted a land of 47.46 Acres to DTU in Sector G-2/G-6 Narela, Delhi for setting up university campus in Narela. The tentative land cost is 344.68 Cr. However, DTTE vide their letter dated 06.06.2025 with reference to the meeting held under the chairmanship of hon'ble L.G on 16.06.2025 directed that the DTTE will bear the cost of 30 acres land initially out of 47.46 acres allotted to the university. Thereafter a site visit was conducted under the chairmanship of Secretary (TTE/HE) along with the various officials of the DDA and university. The direction was issued to DDA that to provide the contiguous area rather different land areas so that effective land utilization may be done vide minutes of meeting dated 07.11.2025. The decision/submission of DDA is awaited.

Allotment of 200Nos. EWS flats at Narela

DDA vide letter dated 11.01.2024 had allotted 200 EWS flats in Narela Sub-City whose cost to Rs. 28 Crore (initially) in pocket-1, sector G-2/G-6. Thereafter, DDA raised a demanded of Rs.2.37 Crores as 10% of booking amount in which total amount was revised to Rs.23.79 Crores. The same was paid by the university vide letter dated 15.10.2025 which was duly acknowledged by DDA in its letter dated 24.12.2025. Further, DDA in its office letter dated 24.12.2025 raised the demand for depositing the balance amount for 200Nos. EWS flats as Rs.26.52 Crores for pocket-7, sector G-7/G-8 after discounted price of 15% which was earlier as Rs.23.79 Crores. The DDA has allotted these EWS flats in the new location, for which DDA has revised the said amount from Rs.23.79 Crores to Rs.26.52 Crores. Therefore, in order to clarify the same from DDA, university had already been submitted letters dated 13.01.2026 and 09.02.2026, reply of which are awaited from DDA in which it was also requested by the university that previous agreed amount may be considered by DDA. Further, the booking advance of Rs.2.37 Crores was released by the university to DDA and the balance amount of Rs.26.53 Crores is being released to DDA.

The Planning Board noted the above information.

Agenda 7.10 : Any other item with the permission of the chair

The meeting ended with a vote of thanks to the Chair.


(Binod Doley)
Registrar, DTU

ANNEXURE

To

MINUTES

**7th MEETING OF
PLANNING BOARD**

30.07.2026



DELHI TECHNOLOGICAL UNIVERSITY
(Formerly Delhi College of Engineering)
Shahbad Daulatpur, Main Bawana Road, Delhi-42
Academic PG

F.No.105-109/Acad-PG/DKDF/2024-25/682-689

Dated: 16/01/2026

REVISED NOTICE

In supersession to the earlier notice no. 105-109/Acad-PG/DKDF/2024-25/518-525 dated 15.01.2026, it is hereby informed that the DTU Fellowship for the Ph.D Scholars has been increased and the enhanced DTU Fellowship will be disbursed from the month of December, 2025, as per the details below:

S.No	Existing Fellowship (Rs.)	Enhanced Fellowship (Rs.)	Contingency (Rs.)
1.	40,300/- per month	46,990/- per month	20,000/- per annum
2.	44,640/- per month	53,340/- per month	20,000/- per annum
3.	49,600/- per month	58,300/- per month	20,000/- per annum

This issues with the approval of the Competent Authority.

Rinku
(Prof. Rinku Sharma)
Dean (Academic-PG)

F.No.105-109/Acad-PG/DKDF/2024-25/682-689

Dated: 16/01/2026

Copy to:

1. PA to VC for kind information to the Hon'ble Vice Chancellor .
2. PA to Registrar for kind information to the Registrar.
3. All Heads/Deans/Directors.
4. Controller of Finance.
5. DDO.
6. Director, IQAC.
7. Head, CC with the request to upload the same on the University website.
8. Guard File.

Value Proposition Document

1. Department Overview

The Department of Biotechnology, Delhi Technological University (DTU), established in 2004, aims to bridge engineering principles with modern life sciences. Over the years, it has expanded in infrastructure, research activities, and collaborations with national and international institutions.

Vision: To train students as competent biotechnologists who apply engineering and life science principles to solve real-world problems and to develop cost-effective technologies.

Mission: To impart strong foundational knowledge, promote interdisciplinary research, foster innovation, and build links with industry and academia.

2. Academic Strengths

Programs Offered:

1. B.Tech in Biotechnology (4 years, full-time)
2. M.Tech in Industrial Biotechnology
3. M.Tech in Bioinformatics
4. MSc in Biotechnology
5. Integrated BSc-MSc Biotechnology
6. Ph.D. in Biotechnology

The curriculum integrates interdisciplinary learning and is dynamically updated to incorporate advances in biotechnology and related sciences.

Faculty Expertise:

The department has highly qualified faculty members with PhDs in diverse fields of biotechnology, contributing to high-impact publications and projects in Molecular Biology, Genomics, Bioinformatics, Immunology, Biochemistry, Plant biotechnology, and Environmental Biotechnology.

3. Research Capabilities

Core Research Areas include:

- Molecular Biology and Recombinant DNA Technology
- Bioprocess Engineering and Downstream Processing

DEPARTMENT OF BIOTECHNOLOGY

DELHI TECHNOLOGICAL UNIVERSITY: DELHI

Established under Govt. of Delhi Act 6 of 2009
Shahbad Daulatpur, Bawana Road, Delhi-110042

This is in reference to File No. DTU/Council/Plg. Board/78/2025/668 (A planning board meeting held on 04/07/2025) dated on 20.08.2025, regarding some suggestions on functioning and future endeavours for the University. We are hereby submitting the Action Taken Report on Point No. 3 and Point No. 4 as mentioned in the said notification.

The report outlines the measures undertaken, progress achieved, and outcomes pertaining to the respective points for your kind perusal and further necessary action.

Point 3: On the similar line, Commodore (Dr.) R.K. Rana emphasised for outreach to the industry for Ph.D tie-up. He suggested that each academic department in the University should have a Value Proposition Document indicating strengths, capabilities, research area, facilities etc. available with the department. This document should be available on university website.

Action: Value Proposition Document is enclosed for your kind perusal.

Point 4: Prof. Rajive Kumar informed about the AICTE scheme of scholarship for the teachers in which 25% fund given by AICTE and rest by the industry. He requested the Vice Chancellor to nominate faculty members of DTU for this scheme.

Action: In response to the notification regarding the AICTE-Industry sponsored scholarship scheme, the Head of the Department has nominated **Dr. Shivani Khatri** for consideration under this program. The nomination is submitted for your kind approval and further necessary action.

- Environmental Biotechnology and Bioremediation
- Bioinformatics and Computational Biology
- Plant Biotechnology and Tissue Culture
- Immunology
- One Health: Microbial pathogenesis
- Metagenomics: Microbiome Dynamics
- Cancer Biology
- Systems Biology
- Infectious Diseases.

The department is actively engaged in projects funded by DST, DBT, CSIR, AICTE, and other agencies. Faculty members publish in reputed journals and contribute to industrial and societal biotechnology applications.

4. Infrastructure & Facilities

The Department of Biotechnology at Delhi Technological University is equipped with state-of-the-art infrastructure that supports cutting-edge teaching, training, and research activities. The facilities are continuously upgraded to meet the emerging needs of modern biotechnology education and interdisciplinary research.

Departmental Laboratories

The department houses well-established laboratories that cater to both fundamental and advanced research in various domains of biotechnology:

- **Complex systems and genome informatics Laboratory:** This laboratory focuses on computational modeling and genome data analysis to unravel complex biological networks and systems biology. Dell Precision 5820 Tower Workstations; All-in-one Desktop; Canon Printer/Photocopier; HP Laser Jet Color Printer
- **Environmental and Industrial Biotechnology Laboratory:** This lab emphasizes the development of sustainable bioprocesses and technologies for environmental monitoring and industrial applications. Ultra-High Performance Liquid Chromatography; Kjeltac 8400; UV-Vis Spectrophotometer; Refrigerated Centrifuge; Laminar Air Flow; Lyophilizer; Hybridization Chamber; Electrophoresis Unit; Hach's Water Quality Multi-parameter with Various Electrodes; Screen Printer; Vacuum Evaporator; -80°C Deep Freezer; Surface Plasmon Resonance; UV-VIS-NIR Spectrophotometer; Microfluidic Pump; Colorimeter; Conductivity Meter; Digital Multimeter; Digital Micro-voltmeter; Electrochemical Analyzer; Projector.

- **Molecular Neurosciences and Functional Genomics Laboratory:** Dedicated to understanding the molecular mechanisms underlying neural function and genetic regulation, this lab integrates genomics and cellular tools. Thermocycler; Inverted Microscope; Inverted Microscope; -20°C Refrigerator; Gel Documentation System; Western Blot Apparatus; Electrophoresis Unit; Microtome; CO2 Incubator; Workstation; Projector.
- **Plant and Algal Biotechnology:** This laboratory advances research in plant tissue culture, genetic transformation, and algal bioresource utilization for sustainable agriculture and bioenergy. Temperature regulated Tissue Culture Room; Thermocycler; Gel Documentation System; UV Transilluminator; UV-Vis Spectrophotometer; Incubated Shaker; Laminar Air Flow; Autoclave; Electrophoresis Unit; Sonicator; Centrifuge; Mini-centrifuge; Double Distillation Unit; Hot Air Oven; Projector
- **Immunotherapeutics:** The Immunotherapeutics Lab focuses on immune-based therapeutic development, including monoclonal antibodies, vaccines, and cell-based therapies. Flow Cytometer; CO2 Incubator; -20°C Refrigerator; Laminar Air Flow; Liquid Nitrogen Storage Container; UV-Visible Spectrophotometer; Ice Flaking Machine; Centrifuge; Thermostat Water-bath; Projector

Support Infrastructure

The department ensures robust support infrastructure for safety, maintenance, and data management. This includes biosafety cabinets, waste management systems, uninterrupted power supply, and digital record systems. A dedicated technical team oversees laboratory operations and ensures compliance with biosafety and quality standards.

7. Achievements & Recognitions

Faculty and students are actively publishing in high-impact journals and contributed to patents and innovative projects. Alumni have excelled in academia, research, and industry across biotechnology sectors.

8. Future Roadmap & Strategic Goals

Short-Term Goals (1–3 years):

- Enhance industry partnerships and MoUs
- Increase external research funding
- Organize national-level symposiums and conferences

Long-Term Goals (3–5 years):

- Promote startup incubation and entrepreneurship
- Foster international collaborations and dual-degree programs

NEW PROGRAMS**MBA (BA)**

The Delhi School of Management (DSM) at Delhi Technological University (DTU) is proud to announce the launch of its MBA in Business Analytics MBA(BA) program. This cutting-edge program is designed to harness the strengths of DTU's renowned Computer Science and Mathematical Computing departments. The MBA in Business Analytics integrates advanced analytical techniques and data-driven decision-making skills with core business principles, preparing students to excel in the rapidly evolving field of business analytics. This program offers a unique blend of technical and managerial education by leveraging the expertise and resources of DTU's top-tier faculties. Graduates will have the knowledge and skills to analyze complex data, derive actionable insights, and drive strategic decisions, positioning themselves as invaluable assets in the modern data-centric business environment.

MBA (IEV)

DSM is excited to introduce the MBA in Innovation, Entrepreneurship, and Venture Development MBA (IEV). This pioneering program leverages the extensive resources and expertise of the DTU Incubation and Innovation Centre (DTU-IIF), which boasts startups valued at over 400 crores and generating revenues exceeding 50 crores. The MBA (IEV) program is designed to cultivate entrepreneurial mindsets, fostering innovation and equipping students with the skills needed to create and scale successful ventures. Through a curriculum enriched by real-world insights and practical experience from DTU-IIF's thriving ecosystem, students will gain invaluable knowledge in startup development, venture financing, and innovative business strategies. This program aims to empower the next generation of entrepreneurs and innovators, driving economic growth and creating impactful solutions in today's dynamic business landscape.



Delhi School of Management Delhi Technological University

(Formerly Delhi College of Engineering)

Shahbad Daulatpur, Bawana Road, Delhi-110042

“An excellent management institution, a place of learning, a crucible of innovation and leadership, where knowledge meets real-world challenges and transforms aspiring minds into visionary LEADERS.”

CONTACT US

Office of Delhi School of Management

WHO WE ARE

Delhi Technological University (DTU), a leading world-class technological university, plays a vital role in the National and Global Knowledge Network. Delhi School of Management (DSM) was established in 2009, and Delhi College of Engineering (DCE) acquired university status. DSM envisages developing socially responsible and ethically driven innovative managers and future leaders by providing excellent world-class education.

DSM is established to teach a penchant for innovation, research, and experimentation to aspiring managers. An excellent management department characterized by a robust curriculum that combines theoretical knowledge with practical applications, fostering critical thinking and problem-solving skills. It boasts experienced faculty who are experts in their fields and provide personalized mentorship to students. The department maintains strong industry connections, facilitating internships, placements, and real-world projects that prepare students for successful careers. State-of-the-art facilities and a dynamic learning environment, encourage innovation and collaboration. Moreover, the college emphasizes ethical leadership, global perspectives, and a commitment to continuous improvement, ensuring graduates are well-equipped to lead in an ever-evolving business landscape.

ACCREDITED BY NBA Our Prominent Recruiters

SPICOM	TATA POWER	PWC	Reliance	HITACHI	ORACLE
ZS	FLYING	DELTA	ICICI	TECH Mahindra	United Bank
event	HYUNDAI	WIPAC	HCL	FEDERAL BANK	PAYTM
publicis sapient	media.net	Dp	WIPAC	EY	Mercer
groupm	Amn	Micro Bank	Tes Yita	Alpnet	adani
Birlasoft	SAHJ-GOBAN	Deloitte	Garner	BARCLAYS	TATA
VENUS	AMN	Dege	DELTA	TITAN	AGUILA
DeReddy	EV	SCHNEIDER	apollo	nitacert	newslign
CSIR	Amn	Morgan Stanley	NOUS	NOUS	EST RESEARCH
adika	Amn	Cipla	Amn	dentsu	

PROGRAMS OFFERED

Master of Business Administration
(MBA)

Master of Business Administration
(Executive)

Doctor of Philosophy (PhD)

NEW LAUNCHED PROGRAMME

MBA (BUSINESS ANALYTICS)

MBA (MBA)

UVF of the Department

Diversity of Students

FLEXIBILITY TO STUDENTS

FACULTY DEVELOPMENT PROGRAMS/INTERNATIONAL CONFERENCES

HOLISTIC DEVELOPMENT OF STUDENTS

• Upskilling activities
• co-curricular activities
• sensitizing towards community
• active participation of students in societies

Multi-Disciplinary Research Areas

MENTOR-MENTEE PROGRAM
• One-to-one interaction with students

Creative Approach to Pedagogy

STUDENTS' CLUBS AND COMMITTEES

COMMITTEES

- Public Relations Committee
- Alumni Relations Committee
- Corporate relations and Placement Committee
- Industrial and Academic Research Committee
- Sanskrit

CLUBS

- Finance club
- Debate-Mentoring club
- Nativia HR club
- Entrepreneurship club
- Sanskrit
- Art and photography club
- Sports club

1. Department Overview

The Department of Applied Mathematics at Delhi Technological University offers a strong foundation in **Mathematics, Statistics, and Computing**, supporting undergraduate and postgraduate programs across engineering and technology disciplines. The department emphasizes **interdisciplinary learning, industry relevance, and research-driven education**, enabling students to apply mathematical theory to real-world problems.

2. Core Strengths

The department is distinguished by its strong integration of mathematics with computing and data-driven approaches, an interdisciplinary orientation that supports engineering, AI, data science, finance, and security domains, experienced faculty with expertise across theoretical and applied research, active student-led technical societies that promote academic and professional growth, and an NBA-accredited B.Tech. (Mathematics & Computing) program that ensures high standards of quality education.

3. Academic & Research Capabilities

Teaching Excellence

The department offers core and advanced courses in applied mathematics, statistics, optimization, and computing, with a strong emphasis on problem-solving, modelling, and algorithmic thinking, supported by a blended teaching approach that integrates analytical methods with modern computational tools.

Research Capabilities

The department fosters a vibrant research ecosystem addressing contemporary and emerging challenges, with key strengths spanning graph theory and Petri net theory; financial mathematics and operations research; numerical analysis, approximation theory, and simulation; mathematical modelling, optimization, and fuzzy optimization; algebraic coding theory, cryptography, and complex analysis; general relativity and cosmology; as well as data science, machine learning, natural language processing, image processing, computer vision, network and Android security, blockchain technologies, and quantum computing, supported by strong faculty and scholar contributions through reputed publications, funded projects, and interdisciplinary collaborations.

4. Infrastructure & Facilities

The department is supported by four well-equipped computational laboratories: Scientific Computing, Statistical Computing, Data Structures & DBMS, and Programming, along with access to modern software and tools such as MATLAB, Python, C++, SPSS, and database systems, smart classrooms for interactive and collaborative learning, and facilities that enable student projects, research experimentation, and hands-on training.

5. Value Proposition for Stakeholders

The department equips students with a strong analytical and computational foundation, exposure to cutting-edge research, industry-relevant skills, and opportunities for leadership, collaboration, and innovation; offers industry access to graduates skilled in modelling, data analysis, optimization, and security along with avenues for sponsored projects, internships, and consultancy; and provides academia and research partners with rich interdisciplinary collaboration opportunities supported by a strong theoretical base and application-driven research.

44 A/C

6. Student & Professional Engagement

Academic Societies

- **MACS (Mathematics and Computing Society)** – Established in 2011
 - Workshops, seminars, guest lectures, and participation in university tech fests
- **SIAM-DTU Student Chapter** – Established in 2014
 - Affiliated with the international SIAM organization. Special Interest Groups (SIGs), applied mathematics events, and industry interaction

Departmental Activities

- Expert lectures by academicians and industry professionals
- Workshops on SPSS, curriculum development, Sustainable Development Goals (SDGs), and emerging technologies
- Mathematics Day celebrations
- Departmental magazine publication
- Community outreach, sustainability initiatives, and student well-being activities

7. Societal & Institutional Impact

The department contributes to national priorities, including digital security, sustainability, and advanced computing, aligns its research and outreach with the Sustainable Development Goals (SDGs), and continuously updates its curriculum to meet evolving global academic and industry standards.



ENVIRONMENTAL SCIENCE AND ENGINEERING DEPARTMENT
DELHI TECHNOLOGICAL UNIVERSITY
SHAHBAD DAULATPUR, BAWANA ROAD, DELHI-110 042
Tel. No.: 011-27890035 Website: www.dce.edu

F.No. DTU/HOD/ENV/2025/839

Date: 30/12/2025

To,

Assistant Registrar (Planning Branch)
Delhi Technological University
Delhi

[Signature]
31/12/25

DR (C)

Subject: Regarding submission of suggestions

With reference to letter no. F.No. DTU/Council/Plg.Board/78/2025 dated 26.12.2025, following is the status from Environmental Science & Engineering Department, DTU regarding S.No. 3 and S.No. 4.

S.No.	Suggestion	Status
3.	Each Academic Department in the University should have a Value Proposition Document indicating strength, capabilities, research area, facilities etc. available with the department	Information regarding strengths, capabilities, research areas, facilities and related aspects is available on Environment Science & Engineering Department webpage on DTU website. In addition, to this information has been compiled in a structured format, and the corresponding value proposition document is expected to be finalized within two month.
4.	AICTE scheme of scholarship for the teachers in which 25% fund given by AICTE and rest by the industry. To nominate faculty members of DTU for this scheme.	Name of the nominated faculty members are as under: - 1. Mr. Prateek Saini 2. Mr. Sandeep Kumar

For kind information please.

[Signature]
30/12/25
(Dr. Geeta Singh)
Head of Department
Deptt. of Env. Sci. & Engg.

Copy to:

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Ref. No 41677
31/12/25

DEPARTMENT OF ELECTRICAL ENGINEERING

DELHI TECHNOLOGICAL UNIVERSITY

Annexure-I

Strength and Capabilities of the Department

- Serving the nation since the last 84 years through education.
- Highly placed alumni in various reputed organizations and institutions across the world.
- Accredited by National Board of Accreditation (NBA).
- Identified as a Quality Improvement Program Research Centre.
- Currently has 17 laboratories and 13 dedicated research areas equipped with state-of-the-art facilities with the latest versions of software platforms.
- Laboratories are equipped with sophisticated equipments, test setups, FPGA based data acquisition systems, embedded controllers, Digital Signal Processors, Medium power Inverter-converters, various Electric Drives, PLCs, Power analyzers, spectrum analyzers, OPAL-RT, Phasor Measurement Units (PMUs), Real Time Digital Simulator (RTDS), 300kV Impulse generator, 100 kV transformer etc. to name a few.
- Involved in carrying out several sponsored R & D projects funded by national agencies like AICTE, DST, SERB, NPIU and MeitY.
- The Department is running M.Tech by Research and Three M.Tech programs in C&I, PSY and PES.
- The department also has a Centre of Excellence for Electric vehicle and Related Technology (EVRT)
- Currently, sponsored projects amounting to more than ₹14.65 crores are underway in the department.
- Engaged in consultancies in various fields of Electrical Engineering.
- The Electrical Engineering Department has 45 experienced and highly qualified faculty with intense research and professional expertise. Faculty members of the Department have been regularly contributing towards International and National Journals of repute like IEEE Transactions and IEEE Proceedings, IET, Journals in Electrical Engineering from Elsevier, Springer etc. along with Proceedings of National and International Conferences. The Department also generously contributes to professional activities undertaken by the IEEE and IET Delhi chapters. Faculty members of the Department have authored several popular technical books. Some faculty members have acquired patents for their research.
- The Department has been hosting International and national conferences, workshops and invited lecture series every year. The Department has the distinction of organizing 10 MHRD sponsored GIAN courses in the University. Many Professors from reputed Universities, viz. Prof. Saifur Rahman, Fellow IEEE and Professor of Electrical and Computer Engineering at the Advanced Research Institute, Virginia Tech, USA; Prof. A. K. S. Bhat, IEEE Fellow and Professor of Electrical and Computer Engineering at the University of Victoria, Canada; Prof. Ambrish Chandra, École de Technologie Supérieure (ETS), Montréal, QC and many more delivered lectures in the GIAN courses. It is the agenda of the Department to augment the professional activities further.
- To create the interest of students in the discipline and to motivate the UG and PG Electrical Engineering students, the Department has organized three Distinguished Lecture Series in Electrical Engineering. The lectures were delivered by eminent personalities from Industries/Govt. Organizations.

DEPARTMENT OF ELECTRICAL ENGINEERING

DELHI TECHNOLOGICAL UNIVERSITY

Annexure-II

Research Areas and Major Facilities

The Department has Four Major Areas of Research:

1. Power Systems
2. Control Systems
3. Power Electronics
4. Analog Signal Processing and Signal Generation

In department we have 17 well-equipped Laboratories and 13 dedicated Research Areas. The department also has a well-stocked departmental Library.

Research Areas

1. Power System Computational Research Facility
2. Power System Computational Research Facility
3. Microgrid Operation and Control Research Lab
4. Smart Grid Research Lab
5. Energy Conversion and Microgrid Research Lab
6. Project and Research Lab
7. Power Quality Lab
8. Analog Signal Processing Research Lab
9. Control of Dynamical Systems and Computation Lab
10. Control and Automation Research Lab
11. Embedded System and IOT Lab
12. Electric Vehicle and Intelligent Transportation System Lab
13. Synchrophasor Lab

Laboratories

S. No.	Lab Name	Location
1.	Power Electronics & Drives Lab	LW1-GF4
2.	Sr. Machine Lab	LW1-GF1
3.	UEE Lab	LW1-GF1
4.	Power System & Switch Gear Protection Lab	LW2-GF1
5.	Electrical Workshop	LW2-GF5
6.	Process Control lab	LW1-FF6
7.	Control System	LW1-FF5
8.	Instrumentation/ Linear Integrated Circuit Lab	LW1-FF2
9.	Principle of Electrical Engineering Lab	LW1-FF1
10.	Senior Measurement Lab	LW1-SF2
11.	Electric Machine and Drives	LW2-GF2
12.	Power Electronics Converter and Control Lab	LW1-TF4 (b)
13.	Advanced Power System Lab	LW1-TF5
14.	Advanced Instrumentation and Control Lab	FW2-SF2
15.	Microprocessor, Microcontroller, Digital Circuit & Systems Lab	LW1-TF4 (A)
16.	Artificial Intelligence, Machine Learning Lab	LW1-TF7
17.	Basic Electrical Engineering Lab	LW1-TF1



**DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING
DELHI TECHNOLOGICAL UNIVERSITY**

(Formerly Delhi College of Engineering)

(Under Delhi Act 6 2009, Govt. of NCT of Delhi)

Shahbad Daulatpur, Main Bawana Road, Delhi-110042

Value Proposition Document

Call For Industry Collaboration, Ph.D. Tie-ups, Sponsored Research, Consultancy, Training and Innovation

1. About the Department

The Department of Computer Science and Engineering, Delhi Technological University, is an established academic and research department in the field of computing. The department offers programmes at undergraduate, postgraduate, research and doctoral levels. These include B.Tech. in Computer Science and Engineering, Minor Degree programmes in CSE and Machine Learning, M.Tech. programmes in Computer Science and Engineering, Artificial Intelligence and Cyber Security, M.Tech. by Research, and Ph.D. in Computer Science and Engineering.

The department has academic and research strengths in areas such as Artificial Intelligence, Machine Learning, Data Science, Cyber Security, Blockchain, Quantum Computing, Computer Networks, Internet of Things, Software Engineering, Image Processing, Computer Vision and related emerging areas. Departmental records also indicate an industry-oriented approach with emphasis on R&D, industrial projects and technology incubation.

2. Purpose of the Document

This Value Proposition Document presents the genuine academic, research, innovation and infrastructure capabilities of the Department of Computer Science and Engineering for meaningful engagement with industry.

The document is intended to support possible collaborations in the form of:

- Ph.D. tie-ups
- Sponsored research
- Consultancy
- Student internships and live projects
- Training programmes
- Technology development
- Product validation
- Joint innovation
- Industry-academia knowledge exchange

3. Academic Programmes Offered

The department offers a complete academic pathway from undergraduate to doctoral level. The details below are based on the programme record provided by the department.

Level	Programme	Discipline	Approved Intake
Undergraduate	Bachelor of Technology (B.Tech.)	Computer Science and Engineering	481
Undergraduate	Bachelor of Technology (B.Tech.)	Computer Science and Engineering (Data Analytics)	60
Undergraduate	Minor Degree	CSE	As per availability
Undergraduate	Minor Degree	Machine Learning	As per availability
Postgraduate	Master of Technology (M.Tech.)	Computer Science and Engineering	30 + 5
Postgraduate	Master of Technology (M.Tech.)	Artificial Intelligence	30 + 5
Postgraduate	Master of Technology (M.Tech.)	Cyber Security	30 + 5
Postgraduate	M.Tech. by Research	Computer Science and Engineering	12
Postgraduate	M.Tech. by Research	Cyber Security	12
Doctoral	Doctor of Philosophy (Ph.D.)	Computer Science and Engineering	As per availability

4. Research and Technical Strengths

The department has teaching and research capabilities across core and emerging areas of Computer Science and Engineering. These areas may support industry-facing research, consultancy, training, and technology development.

Broad Area	Indicative Departmental Capability	Possible Industry Relevance
Artificial Intelligence and Machine Learning	Deep learning, intelligent systems, recommender systems, pattern recognition, prediction models	Intelligent automation, analytics, decision support
Cyber Security and Digital Trust	Information security, cyber intelligence, cryptography, privacy, digital forensics, IoT security	Secure systems, audit support, threat detection, compliance-oriented solutions
Blockchain	Blockchain-based systems, secure data sharing, decentralised applications	Secure records, smart contracts, trust management

Quantum Computing and Quantum-Safe Security	Quantum computing, quantum cryptography, quantum-safe communication	Future-ready secure communication and advanced security research
Data Science and Big Data Analytics	Data mining, big data analytics, social network analysis, web mining	Business analytics, forecasting, monitoring and data-driven decision-making
IoT, Networks and Smart Systems	IoT, wireless sensor networks, mobile computing, UAV-assisted networks, fog computing	Smart infrastructure, sensor-based systems, industrial IoT
Image Processing and Computer Vision	Pattern recognition, medical image processing, object detection, biometrics	Medical AI, surveillance, visual analytics, digital forensics
Software Engineering and Testing	Software development, software testing, software quality, cloud computing	Product validation, QA support, automation and software reliability

5. Ph.D. Research Capability

The department has an active Ph.D. research base. The uploaded Ph.D. scholar data reflects research work in areas such as video content analysis, cyberbullying detection, web text summarization, OCR, educational data warehousing, social bias mitigation, medical image analysis, social IoT, reversible logic, wireless sensor networks, cloud data auditing, secure IoT data sharing, IoT attack detection, multimedia copyright protection, fake news detection, software-defined networking, blockchain-based healthcare, image forensics, graph neural networks, DevSecOps, cyber forensics, quantum AI for cybersecurity and deepfake detection.

These areas provide a genuine basis for industry-oriented Ph.D. collaboration in applied and emerging domains of Computer Science and Engineering.

Indicative Ph.D. Tie-up Areas

Research Theme	Possible Industry Linkage
AI for Cyber Security	Threat detection, audit automation, anomaly detection
IoT Security	Secure IoT devices, sensor networks, smart infrastructure
Blockchain-based Systems	Secure healthcare systems, records management, decentralized systems
Digital Forensics	Deepfake detection, data hiding, multimedia authentication
Computer Vision	Surveillance, medical imaging, object detection
Natural Language Processing	Text analysis, document intelligence, chatbot systems
Software-defined Networking	Network traffic analysis, secure networking
Quantum AI and Quantum-Safe Security	Future-ready cybersecurity and secure communication

6. Laboratories and Facilities

The department records list the following laboratories/facilities. These labs may support teaching, student projects, research, training and possible industry-oriented activities, subject to university rules and availability.

S. No.	Laboratory / Facility	Officer-in-Charge	Location	Relevant Area / Possible Use
1	Computer Architecture Lab	Prof. Vinod Kumar; Dr. Anurag Goel	AB-4, 718	Computer organization, architecture and systems
2	DBMS Lab	Prof. Rajni Jindal; Ms. Anukriti Kaushal	AB-4, 004	Database systems and data management
3	Computational Lab	Dr. R. K. Yadav; Dr. Pawan S. Mehra	AB-3, 706	Computation, programming and research support
4	IPM Lab	Prof. Manoj Kumar; Ms. Garima Chikara	AB-3, 708	Information processing and management
5	Big Data Analytics and WI Lab	Prof. Raini Katarya; Dr. Sanjay Kumar	AB-4, B18	Big data analytics, web intelligence and data-driven research
6	IoT Lab	Dr. R. K. Yadav	AB-4, 716	Internet of Things and sensor-based systems
7	Data Mining Lab	Prof. Shailender Kumar	AB-4, 017	Data mining and analytical computing
8	Computer Networks Lab	Dr. Rohit Beniwal; Dr. Minni Jain	AB-4, B16	Computer networks and communication systems
9	Programming Lab	Dr. Manoj Sethi; Dr. Prashant G. S.	AB-4, B06	Programming and software development
10	Machine Learning Lab	Prof. Anil Kumar Parihar; Dr. Kavinder Singh	AB-4, 006	Machine learning, AI models and data-driven applications
11	Samsung Research Lab	Prof. Rajni Jindal	LW3, TF3, 3rd Floor, Civil Department	Industry-linked research facility
12	Network Science Research Lab	Dr. Sanjay Kumar	AB-4, 606	Network science, complex networks and graph-based research
13	Artificial Intelligence Lab	Dr. Aruna Bhatt; Dr. Rajeev Kumar	AB-4, B04	Artificial intelligence and intelligent systems
14	Blockchain Technology Research Lab	Dr. Rajeev Kumar	AB-4, 605	Blockchain-based systems and secure applications

15	AR and VR Research Lab	Prof. Shailender Kumar	AB-4, 505	Augmented reality and virtual reality
16	Information Security CI Lab	Dr. Nipun Banšal; Ms. Gull Kaur	AB-3, 716	Information security and cyber intelligence
17	Quantum Information and Computing Research Lab	Dr. Pawan Singh Mehra	AB-4, 506	Quantum information, quantum computing and related research

7. Sponsored Research and Funded Projects

The department has sanctioned research projects supported by agencies including MeitY, DTU Young Faculty Grant, CDAC under MeitY, DRDO, ISRO, SERB, IIT Mandi iHub and HCI Foundation, Korean Research Foundation and DST. The details below are reproduced from the sanctioned project record.

S. No	Title of Project	Funding Agency	Amount	Sanction Date	Status / Completion	PI	Co-PI / Researcher
1	Development of AI-based Solution for Analyzing, Benchmarking and Quality Monitoring of the Cybersecurity Audit Reports and Performance Monitoring of Auditing Organizations.	MeitY, Govt. of India	₹3,00,00,000	Oct. 2025	Ongoing	Dr. Pawan Singh Mehra	Dr. Anurag Goel; Dr. Sanjay Kumar; Ms. Garima Chhikara
2	Development of Deep Learning based Multi-Sensor Fusion Framework for Multi-Target Surveillance System	Young Faculty Grant, DTU	₹5,00,000	July 2025	Ongoing	Dr. Anurag Goel	—

3	RECAP: Reversible Embedding with Casual Assistance and Prediction	Young Faculty Grant, DTU	₹2,50,000	July 2025	Ongoing	Dr. Rajeev Kumar	—
4	Nodal HPC Center at DTU, Delhi under National Supercomputing Mission (NSM)	CDAC under Ministry of Electronics and Information Technology, Government of India	₹27,50,000	May 2025	Ongoing	Prof. Rahul Katarya	Dr. Virender Ranga; Dr. Kavinder Singh; Ms. Gull Kaur
5	Artificial Intelligence Driven Analysis of Acoustic Emission Data for Slope Instability Prediction and Modelling	Defence Research and Development Organisation (DRDO)	₹23,70,974	Apr. 2025	Ongoing	Dr. Nipun Bansal	—
6	Vision Based Pose Estimation for Non-Cooperative Docking/Inspection Satellite using Deep Learning AI Algorithms	Indian Space Research Organisation (ISRO)	₹34,15,216	Mar. 2025	Ongoing	Prof. Anil Singh Parihar	Dr. Kavinder Singh; Mr. Aman Kumar Pandey
7	Information Security Education and Awareness	Ministry of Electronics and Information	₹35,00,000	2015	Completed Dec. 2024	Prof. Manoj Kumar	Prof. Anil Singh Parihar

		Technology (MeitY)					
8	Deep Learning Frameworks for Link Prediction to Optimally Change Centrality Scores of Nodes in Social and Complex Networks	Science & Engineering Research Board (SERB)	₹19,40,000	Nov. 2023	Ongoing	Dr. Rishi Ranjan Singh, IIT Bhilai	Dr. Sanjay Kumar
9	Generation of Hindi-English Code Mixed Computational Lexicon and Chatbot Counselling Application for Depression Disorder	IIT Mandi, iHub and HCI Foundation under Ministry of Science & Technology	₹23,99,100	Apr. 2023	Ongoing	Dr. Amita Jain, NSUT East Campus	Ms. Minni Jain
10	Development of Immersive Content Forensic Marking and Watermarking Technology	Korean Research Foundation	24 Million KRW	Nov. 2021	—	Prof. Ki-Hyun Jung	Dr. Rajeev Kumar, Researcher
11	TRIP AID – Travel Risk Information in a Pandemic using Artificial Intelligence Development (DTU-DST)	Department of Science & Technology (DST)	₹12,51,000	Jan. 2021	—	Prof. Rahul Katarya	—

8. Patents and Innovation

The department has granted patents in areas including quantum cryptography, secure communication, image data hiding, underwater object detection, smart board content enhancement,

dynamic alert generation, authentication code transmission, autonomous surface water robot, precision agriculture rover and sensitive-content rendering. The following table is based on the granted patents record provided.

S. No.	Application / Patent Number	Inventors / Applicant Name	Title / Name of IP	Filing Date	Grant Date	Field
1	App. No. 202411103051; Patent No. 578276	Anukriti Kaushal, Sonal Gandhi, Anurag Goel, Rajeev Kumar	Hearing Aid System and Method for Context-Aware Alarm Detection and Personalized Biometric Feedback	24-12-2024	15-01-2026	Computer Science
2	App. No. 202411087764; Patent No. 572628	Ankur, Rajeev Kumar	System and Method for Hiding Data in Images	14-11-2024	31-10-2025	Computer Science
3	App. No. 202411077385; Patent No. 575681	Pallavi Ranjan, Anurag Goel, Rajeev Kumar	System for Underwater Object Detection and Method Thereof	11-10-2024	11-12-2025	Computer Science
4	App. No. 202411037507; Patent No. 571337	Diksha Chawla, Pawan Singh Mehra	Secure Quantum Cryptography System and Method for Safe Communication and Storage of IoT-Based Data	13-05-2024	29-09-2025	Communication
5	App. No. 202411080365; Patent No. 567890	Rajeev Kumar, Anurag Goel, Shailender Kumar, Pallavi	Method and System for Enhancing Handwritten	23-10-2024	25-06-2025	Communication

		Ranjan, Jai Chhillar, Mohan Yogendra, Ajit Kumar Singh, Abha Devi	Content on a Smart Board			
6	App. No. 202411062294; Patent No. 568874	Pallavi Ranjan, Ankur, Navdeep Bohra, Neet Sangwan, Saurabh Agarwal, Anurag Goel, Shailender Kumar, Rajeev Kumar	Method and System for Generating Dynamic Alert in a Messaging Platform	16- 07- 2024	21-07- 2025	Communication
7	App. No. 202311064981; Patent No. 565984	Diksha Chawla, Pawan Singh Mehra	Quantum Cryptography Based Authentication System and Method for Secure Transmission of Healthcare Data Through GHZ States	27- 09- 2023	05-05- 2025	Communication
8	App. No. 202411054265; Patent No. 564225	Rajeev Kumar, Anurag Goel, Shailender Kumar, Pankaj Lathar, Ankur, Pallavi Ranjan, Pradeep	Method and System for Automatic Transmission of Authentication Code	16- 07- 2024	28-03- 2025	Communication

		Kamboj, Delhi Technological University, India				
9	App. No. 202211016054; Patent No. 556819	Rahul Katarya, Anjum, Harsh Mittal, Aditya Rai, Vedant Gupta, Delhi Technological University, India	An Autonomously Operating Surface Water Robot and Method Thereof	23- 03- 2022	24-12- 2024	Electronics
10	App. No. 202211032321; Patent No. 529534	Rahul Katarya, Anjum, Harsh Mittal, Kartikeya Singh Chauhan, Anunay Gupta, Shreyansh Gupta, Delhi Technological University, India	Precision Agriculture Rover for Plant Disease Detection and Control	06- 06- 2022	21-03- 2024	Electronics
11	App. No. 201911033711; Patent No. 505524	Rahul Aggarwal, Marioj Kumar, Delhi Technological University, India	Systems and Methods for Tagging and Rendering Content Having Sensitive Portion	21- 08- 2019	31-01- 2024	Communication
12	App. No. 202211052145; Patent No. 444018	Rajeev Kumar, Shailender Kumar, Abha Devi, Delhi Technological	Method and System for Filtering Out Recipients for Broadcast Messages	13- 09- 2022	09-08- 2023	Communication

		University, India	Based on Their Emotional State and Message Contents			
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9. Industry / Academic MoUs and Collaborations

The department has recorded collaborations with reputed industry, academic and government-linked institutions. These MoUs support academic interaction, collaborative research, training, capacity building, student/faculty engagement and industry-academia linkage, subject to the specific terms and approvals contained in each MoU..

S. No.	Partner Institution / Organisation	Year / Date	Duration	Nature / Purpose	Short Details
1	Samsung Electronics Private Limited, India	2019 / 21-Jan-2019	5 Years	Industrial-Academic Collaboration	Departmental record mentions that a Samsung Research Lab was established at DTU under this MoU.
2	Adobe Inc.	2020 / 29-Sep-2020	1 Year	Collaborative Research	The MoU was for collaborative research between DTU and Adobe Inc. The agreement refers to research work beneficial for research and development purposes, with collaboration between Adobe employees and the University.
3	Centre for Development of Advanced Computing, C-DAC	31-Jul-2024	3 Years	Industrial-Academic Collaboration	The MoA records collaboration between DTU and C-DAC, a scientific society under MeitY. It refers to areas such as High Performance Computing, Artificial Intelligence, Natural Language Processing, Cloud/Grid Computing, Cyber Security and education/training.

4	South Asian University, SAU	22-Apr-2025	5 Years	Academic and Research Collaboration	The collaboration covers broad academic objectives; better understanding between academic communities, regional learning, capacity building in science and technology, and research/promotion activities.
5	Kerala University of Digital Sciences, Innovation and Technology / Digital University Kerala, DUK	11-Nov-2025	2 Years	Research, Capacity Building, Product Development, Training and Innovation	The MoU covers cooperation in research, capacity building, product development, training and innovation management between DTU and Digital University Kerala.
6	National Communications Academy-Technology, NCA-T, Ghaziabad	07-Aug-2025	5 Years	Academic and Capacity Building Collaboration	The MoU is for academic and capacity-building collaboration between NCA-T, Ghaziabad and DTU. It refers to common academic interests and collaboration in capacity building in the field of digital communication.

These collaborations indicate that the department has an established base for structured interaction with industry, academic institutions and government-linked organisations. Any activity under these MoUs shall be undertaken only as per the specific terms of the respective MoU and the applicable rules and approvals of Delhi Technological University.

10. Possible Areas for Industry Collaboration

Based on the department's academic programmes, research themes, laboratories, funded projects and patents, industry collaboration may be explored in the following areas:

Area	Possible Collaboration
Artificial Intelligence and Machine Learning	Model development, prediction systems, intelligent automation, AI-based decision support
Cyber Security	Security analysis, audit automation, threat detection, secure system design
Blockchain	Secure records, smart contracts, decentralized applications, trust management

Quantum-Safe Security	Secure communication, quantum cryptography, future-ready cryptographic systems
Data Science and Big Data Analytics	Analytics, dashboards, forecasting, data-driven decision support
IoT and Smart Systems	Sensor-based monitoring, smart infrastructure, industrial IoT
Digital Forensics	Deepfake detection, data hiding, multimedia authentication, forensic marking
Software Engineering and Testing	Software testing, quality assurance, product validation
Cloud, HPC and DevSecOps	Secure deployment, high-performance computing, cloud-native security
Computer Vision	Medical imaging, surveillance, object detection, visual analytics
NLP and Document Intelligence	Document analysis, chatbot systems, text mining and summarization

11. Proposed Modes of Engagement

The department may engage with industry through university-approved mechanisms such as:

1. **Sponsored Ph.D. research** as per applicable university rules.
2. **Joint research projects** based on mutually identified problem statements.
3. **Consultancy and expert technical advisory** in relevant areas of Computer Science and Engineering.
4. **Student internships and live projects** for B.Tech., M.Tech., M.Tech. by Research and Ph.D. students.
5. **Sponsored laboratories or Centres of Excellence**, subject to institutional approval.
6. **Faculty-industry training programmes**, workshops and capacity-building activities.
7. **Technology validation and product testing**, wherever suitable and approved.
8. **Joint publications, patents and technology development**, subject to applicable rules on IPR, confidentiality and approvals.

12. Value for Industry Partners

Industry partners may benefit from collaboration with the department in the following ways:

- Access to faculty expertise in computing and emerging technologies.
- Engagement with undergraduate, postgraduate, research and doctoral students.
- Support for applied research and long-term industry-relevant problem solving.

- Opportunities for sponsored research, consultancy and innovation.
- Technical support in AI, cyber security, blockchain, IoT, data science, software systems and quantum-safe security.
- Scope for prototype development, proof-of-concept work and technology validation.
- Structured academic collaboration through university-approved processes.
- Opportunity to define research problems aligned with industry needs.

13. Engagement Process

A typical industry engagement may follow the process below:

1. Industry partner shares a problem statement, collaboration interest or research requirement.
2. The department identifies relevant faculty members, laboratories or research groups.
3. A preliminary technical discussion is conducted to define scope, expected outcome and feasibility.
4. The mode of collaboration is identified, such as Ph.D. tie-up, sponsored research, consultancy, internship, training or joint project.
5. Administrative and financial terms are processed as per university rules.
6. MoU, agreement, NDA or approval documents are prepared wherever required.
7. The work plan, deliverables, timelines and review mechanism are finalized.
8. The project or collaboration is executed with periodic review.
9. Final output may include report, prototype, publication, patent, trained manpower, software module or other mutually agreed deliverable.

14. Compliance and Safeguard Statement

All collaborations shall be subject to the applicable rules, regulations, approval processes and policies of Delhi Technological University. Matters related to admission, Ph.D. registration, intellectual property rights, confidentiality, data sharing, consultancy charges, overheads, publications, technology transfer and financial commitments shall be governed strictly by approved university norms and mutually agreed terms.

This document is intended only to present the department's academic, research, infrastructure and collaboration capabilities. It does not create any automatic entitlement, commitment or approval for admission, funding, consultancy, intellectual property ownership, joint certification or technology transfer unless approved by the competent authority.

Any proposed collaboration shall be considered only after due approval from the competent authority of the University.

15. Contact Details

Prof. Anil Singh Parihar

Head of the Department

Department of Computer Science and Engineering

Delhi Technological University

Shahbad Daulatpur, Main Bawana Road

Delhi – 110042

Email: hod.cse@dtu.ac.in



Department of Civil Engineering
Delhi Technological University
Shahbad Daulatpur, Bawana Road, Delhi – 110042

F.No. DTU/CED-02/Planning Board/4/6

Dated: - 01.07.2026

The Registrar,
Delhi Technological University
Delhi – 110042

Reference: I.D. Note F. No. DTU/Council/Plg. Board/90/2025/694 dated 30.6.2026

Subject: Value Proposition Document indicating Strength, Capabilities, Research area, Facilities etc. available with the department

With reference to the I.D. Note and subject referred above, the undersigned wants to furnish the following information:

S.N.	Subject	Details
1.	Strength and Research Area	Structural Engineering, Expert Systems, Solid Waste Management, Hydraulics and Water Resource Engineering, Geo-technical Engineering, GIS, Rock Mechanics, Geo-Hazard, Landslide, Seismology, Risk Management, Environment Engineering, Seismic Analysis of Dams, Slope Stabilities Studies, Disaster Risk Reduction, Cyclone Disaster Mitigation, Vulnerability Analysis & Risk Assessment, Reliability Analysis, Performance Based Design, Transportation Engineering, Foundation Engineering, Wind Engineering, Earthquake Engineering and Bridge Engineering.
2.	Capabilities	The faculty members of the department trying their best to register their presence not only in DTU, but also at national level by rendering consultancy and advisory services.
3.	Facilities	Wind Tunnel, STAAD PRO, ANSYS and many other softwares are available.

I feel the above will fulfil the requirements.

Awadhesh Kumar
01.7.26
Dr. Awadhesh Kumar
Professor and Head

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UNIVERSITY SCHOOL OF MANAGEMENT AND ENTREPRENEURSHIP

DTU

Abstract:

[Draw your reader in with an engaging abstract. It is typically a short summary of the document.]

When you're ready to add your content, just click here and start typing.]

1. SALIENT FEATURES OF THE DEPARTMENT:

The East Delhi Campus of the DTU was inaugurated in August 2017, by the Hon. Chief Minister of Delhi, Shri Arvind Kejriwal, and the Hon. Deputy Chief Minister of Delhi, Shri Manish Sisodia, in the August presence of Hon. Vice Chancellor, Prof. Yogesh Singh, Hon. PVC, Prof. Anu Singh Lather and Prof. S. K. Garg, and a gathering of esteemed members of the Government of Delhi, respected academics and others. The East Delhi Campus of DTU has been functional since the 2017-18 academic session, offering both undergraduate and postgraduate programs, and is situated at Vivek Vihar Phase II, New Delhi.

In alignment with the vision and mission of the DTU, this campus endeavours to provide quality education, research, and innovation in emerging areas of management that are relevant to industry and society. The University School of Management and Entrepreneurship was initiated to fulfil this mission. The able leadership of the PVC II, Prof. Anu Singh Lather, as the founding head of East Delhi Campus, DTU, has helped create a multidisciplinary approach towards entrepreneurship embedded in a management school, which would be able to leverage the rich and esteemed heritage of the DTU in the world of technology and best practices in higher education. The prime focus of the USME was on introducing new UG and PG programs in the emerging areas of management, such as business analytics, entrepreneurship and family business, public policy and financial Markets, etc., along with traditional undergraduate and postgraduate management programs. It aims to foster the educational ethos in its employability programs through industry-relevant programs, on focused domains of knowledge creation and innovation, through research and development.

It has offered Programs in Bachelor of Business Administration (B.B.A.), Bachelor of Arts (Hons.) in Economics (BAE) and Master of Economics This was in line with the mission of the USME to offer cutting-edge programs in emerging and critical emerging areas of industry and societal needs for talent. The department also offers PhD programs in Management, Economics, and IEV. The school has designed programs to develop students' capability to manage complex situations and relationships.

Students and faculty have been actively involved in various professional activities and student events. The department has 24 student clubs built around professional, cultural, social, and sports-related interests. Guest lectures, events, visits to industries, and trade fairs have all led to an all-around exposure of students at USME to the rapidly changing economic and industrial scenario. The Executive MBA in Data Science and Analytics was launched for working professionals with a minimum of three years of industry experience.

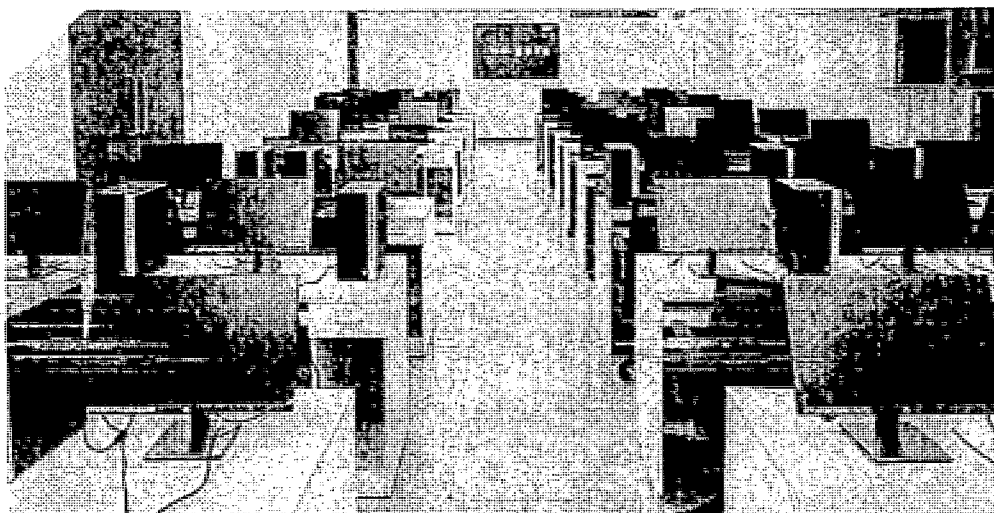
Strengths of the department

The major strength of any HEI comes from faculty resources. USME has faculty with a background of education or working in some of India's leading institutions: the IIMs, IITs, and leading HEIs like JNU, FMS Delhi, Delhi School of Economics, IIFT, Jamia Millia Islamia, and other notable institutions. Almost

all faculty at ESME have also completed their PhDs, and have a strong research profile. There are also over forty doctoral scholars at any semester in the department, with around half of the scholars being fulltime scholars on fellowship, and an equal proportion from industry and academia. Engaged as part time scholars.

Teaching at the institution is of the highest quality, now that USME has 24 regular and additionally very senior faculty from industry and academia associated as Emeritus Professor, Adjunct, or Professor of Practice, with a total of 32 faculty at present.

The infrastructure is available for around fifteen hundred students, across the programs. The auditorium, named Manthan Hall, inaugurated by Dy. CM Govt. of NGT of Delhi, can house upto 200 students. There are 3 Computer centers with a total of 100 computers, and there is smart classroom as well, equipped with smart boards for teaching-learning process, presentations and demonstrations.



Sports facilities for basketball, badminton, and volleyball, along with cricket nets, and TT. Canteen facility is also available along with a kiosk operated by vendor of Nescafe. The departmental Library has over 10 thousand books, access to all DTU e-resources, and high quality reading and interactive spaces.



The student groups are very active and engaged, and there are 24 clubs including sports and cultural clubs. USME has also achieved the distinction of winning the most medals for two consecutive years in the DTU inter departmental competition.

Many student are able to achieve admissions in premier global and Indian HEIs such as IIMs, MDI, IIFT etc, as well as two scholars who were admitted to London School of Economics Masters programs, and many in the top 50 institutions worldwide in Economics and Management, such as HEC, Paris; Bocconi University, Warwick University etc.

Areas of Improvement

Placement achievement levels are still sub par at around roughly 50% students who apply for placement (many at UG level do not sit for placement as they are going for higher studies or other pursuits). This needs to be enhanced,. An effort was initiated last year by holding the Internship fair that generated interest and engagement with over 30 companies who visited; over 100 internships were offered to students at Campus. Database of companies visiting HEIs for UG recruitment in Business and Economics has now been made, and team is being strengthened, with SOPs and deadlines for tasks being put in place.

Consulting was an area where only last year the initial projects were undertaken, and engagement with industry is being strengthened.

Training was initiated this year with the launch of one LDP in CSR, ESG with marketing partner. Other companies are being approached for In House MDP programs.

With the University initiatives in research funding, four faculty from the department have now received external research funding, both corporate and institutional, and proposals are increasing.

Research Domains

The following research domains were identified for the department, as potential areas for academic collaboration internationally and industry research projects.

1. Strategic Management, Innovation & Entrepreneurship

USME has significant expertise in strategic management, organizational strategy, strategic flexibility, innovation management, entrepreneurship, venture creation, business incubation, new venture development, technology commercialization, business model innovation, and corporate competitiveness. The school also demonstrates capability in AI-enabled strategy, entrepreneurial ecosystems, and innovation policy.

2. Marketing, Customer Analytics & Consumer Behaviour

The faculty possesses strong research capabilities in customer relationship management (CRM), customer experience management, customer loyalty, marketing analytics, consumer behaviour, branding, digital marketing, social media marketing, customer profitability, service marketing, and value co-creation. These strengths are reflected in faculty specializations as well as ongoing doctoral research.

3. Finance, Financial Markets & ESG

USME has developed research competence in financial management, investment management, corporate finance, financial asset pricing, foreign exchange management, financial markets, derivatives, systemic risk assessment, ESG performance, corporate governance, fintech, and financial analytics. Current doctoral work extends these strengths into ESG and corporate performance.

4. Human Resource Management & Organizational Behaviour

Research in HRM includes talent management, organizational behaviour, leadership, employee engagement, organizational commitment, career development, workplace well-being, workplace

spirituality, organizational change, diversity, and human capital development. Faculty also investigate the impact of digital transformation on people and organizations.

5. Decision Sciences, Business Analytics & Information Systems

The school demonstrates strengths in decision sciences, information systems, business analytics, quantitative modelling, financial analytics, operations research applications, AI-supported managerial decision-making, predictive analytics, and digital transformation. Research also extends to software quality, technology adoption, cybersecurity, and digital governance.

6. Operations, Supply Chain & Sustainable Logistics

Faculty expertise includes operations management, supply chain management, logistics, sustainable logistics, supply chain analytics, decision modelling, service operations, productivity improvement, and optimization techniques. Research increasingly focuses on sustainability and resilient supply chains.

7. Economics, Public Policy & Development Studies

USME has strong capability in macroeconomics, econometrics, public finance, development economics, labour economics, migration studies, healthcare economics, education economics, sustainable development, digital economy, public policy analysis, and governance. These areas are supported by active doctoral supervision.

8. Sustainability, ESG & Responsible Management

A major emerging strength of USME lies in sustainability research encompassing ESG reporting, responsible business, sustainable finance, circular economy, sustainable entrepreneurship, environmental management, SDGs, and corporate social responsibility.

9. Technology, AI & Digital Transformation

The faculty collectively address artificial intelligence in management, digital transformation, Industry 4.0, business intelligence, digital platforms, technology adoption, digital governance, mobile applications, innovation ecosystems, and the managerial implications of emerging technologies.

Capabilities

As given above, the department has several areas of contribution where collaboration can be mutually fruitful with other entities and can add value to their organization.

The Economics faculty possesses strong expertise in policy-oriented research and consultancy, with experience spanning public finance, development economics, electoral studies, MSME competitiveness, business regulation, and digital transformation. The faculty has successfully executed consultancy assignments in close association with the Election Commission of India (ECI) and the India International Institute of Democracy and Election Management (IIIDEM), alongside undertaking ICSSR-funded research projects. Their strengths in applied econometrics, impact evaluation, survey design, behavioural and institutional analysis, and evidence-based policymaking enable them to contribute effectively to national policy formulation and governance through rigorous, data-driven research.

The management and data science area is also a potential area of training and research collaboration, right from ESG, risk management, and the research areas highlighted earlier.

Department of Applied Physics



Status Report & Proposed Activities

*(in line with the Planning Board Suggestions and
Departmental Strategic Plan)*

Presented by

Prof. Vinod Singh

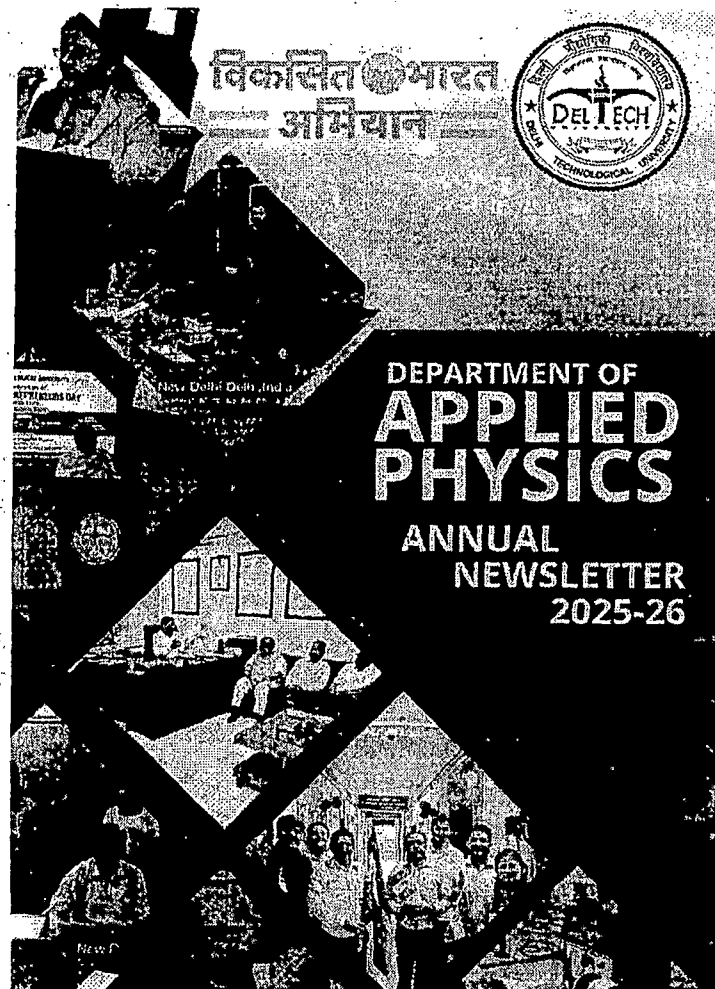
Head, Department of Applied Physics

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Status Report for Action Taken (Planning Board)

Reference I.D note 694 dated 30/06/2026, action taken report on suggestion of planning board by Head, Applied Physics Department

S.No	Suggestions	Action Taken
3.	Each academic Department in the University should have a Value proposition Document indicating the Strength, capabilities, research areas, facilities, etc available with the department	The Department of Applied Physics published its Annual Departmental Newsletter highlighting its major achievements, events organized. The Department has its regularly updated Research Brochure covering all the mentioned aspects. On the occasion of the visit of Dr. Jitendra Singh, Hon'ble Minister of State (Independent Charge), Ministry of Science and Technology, the department has made one Page Flyer covering the best practices of the Department, Major achievement by the Faculty and Students. The document was highly appreciated by the DST team. https://drive.google.com/file/d/1n2WrPjY2y7I5Gjvmnr3L3tNsHqB0mui/view?usp=sharing



Department Annual Newsletter 2025-26

Department of APPLIED PHYSICS

ABOUT THE DEPARTMENT

Department of Applied Physics is a major department of Delhi Technological University providing cutting edge research, innovation and education in the emerging areas of science and technology. The objective of the department is to create future generations of skilled Engineers and Scientists by providing quality education through cutting edge technologies and innovative teaching techniques so as to make them well equipped to face present and future challenges and their overall sustainable professional growth.



Prof. Vinod Singh
Head of the Department

Education

Research

Innovation

Industry Activities

Research Highlights

Departmental ACHIEVEMENTS

- B.Tech. (Engineering Physics) Intake: 115
- M.Sc. Physics Intake: 60
- M.Tech. (Material Science & Technology) 20
- Integrated B.Sc. - M.Sc. course Intake: 20
- PhD in different Areas of Research

RESEARCH AREAS

• Plasma Physics and Technology • Laser Spectroscopy • 1D Nan Structures, Fuel cells and Solar Cells • Fiber Optic and Optical Communication • Materials for Energy Harvesting Applications • Nanophotonic for Photonic and Bio-Photonic Applications • Theoretical Condensed Matter Physics • Atmospheric Science • Sensor Technology	• Luminescent Materials • 2D Layered Materials and their 2D Heterostructure • Graphene, Silicon and Technology • Thin Film Technology • Microelectronics, Semiconductor Devices Modeling and Simulation • Carbon Nanotubes, Graphene and Diamond • Thermoelectric Materials • Experimental Atomic Physics • X-ray Spectroscopy
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Major Recruiters

Chegg, Citibank, HCL, Airtel, ARSUND, ZS, Zinnov, Infosys, SAP, etc.

Student Placement

Students placed in Corporate or Government Sector
Students admission to Higher Education

Year	2020-21	2021-22	2022-23	2023-24	2024-25
Students placed in Corporate or Government Sector	12	15	18	20	22
Students admission to Higher Education	10	12	14	16	18

CONTRIBUTORS

Sl. No.	Name of the Donor	Amount (Rs.)	Year
1.	Dr. Rakesh Chandra	50,000.00	2022-23
2.	Dr. Rakesh Chandra	10,000.00	2022-23
3.	Dr. Rakesh Chandra	25,000.00	2022-23

Departmental Brochure 2025-26

Status Report for Action Taken (Planning Board)

Reference I.D note 694 dated 30/06/2026, action taken report on suggestion of planning board by Head, Applied Physics Department

S.No	Suggestions	Action Taken
4.	AICTE scheme of Scholarship for the teachers in which 25 % Fund given by AICTE and rest by the Industry.	The Department Faculty and students are regularly applying for various AICTE Initiatives, which includes: 1. AICTE-AURA (Augmenting Utilization of Research Assets) 2. The department has 03 AICTE supported postdoctoral students. 3. The department has nominated 02 faculty members for AICTE Industry Fellowship, which are as follows: I. Dr. Mukhtiyar Singh, Assistant Professor II. Dr. Deshraj Meena, Assistant Professor

Status Report for Action Taken (Planning Board)

Reference I.D note 694 dated 30/06/2026, action taken report on suggestion of planning board by Head, Applied Physics Department

S.No	Suggestions	Action Taken
5.	To start minor programme in Quantum Computing in Collaboration and to Collaborate with National Quantum Mission, to advance research and Development in quantum technology.	The Minor in QTs has been floated in this semester. Department of Applied Physics has already proposed the three programmes, which are B.Tech (Quantum Science and Technology), M.Tech (Quantum Technologies), M.Tech by Research Programme in Quantum Science. The new B.Tech (QST) Programme will hopefully start from the next Academic session. In the 42nd Academic Council meeting held on 25th July 2025, the offering of Minor Degree in Quantum Technologies for UG students under Department of Applied Physics DTU has been approved, vide agenda 42.8

Proposed Activities in line with Strategic Plan of Department of Applied Physics

S.No	Event Name	Timeline
1.	Two MoU execution between 1. DTU and CSIR-National Physical Laboratory (NPL), and 2. DTU and Inter-University Accelerator Centre (IUAC). ❖ The MoUs will facilitate joint research activities and joint supervision of PhD research work. ❖ Students of M.Tech. by Research programmes will be benefitted. ❖ Exchange and access to advanced research facilities. ❖ Organization of joint conferences and workshops on areas of mutual interest.	Both the MOU has been executed
2.	The Department has submitted the DST FIST-Level C project (10 Crores) and will prepare the relevant documents for the final presentation at DST	In Process (Evaluation will start from September 2026)
3.	The Department regularly organizes the Lectures under Distinguished Lecture Series (DLS). As part of this initiative, Nine of such lectures have been already organized.	

Proposed Activities in line with Strategic Plan of Department of Applied Physics

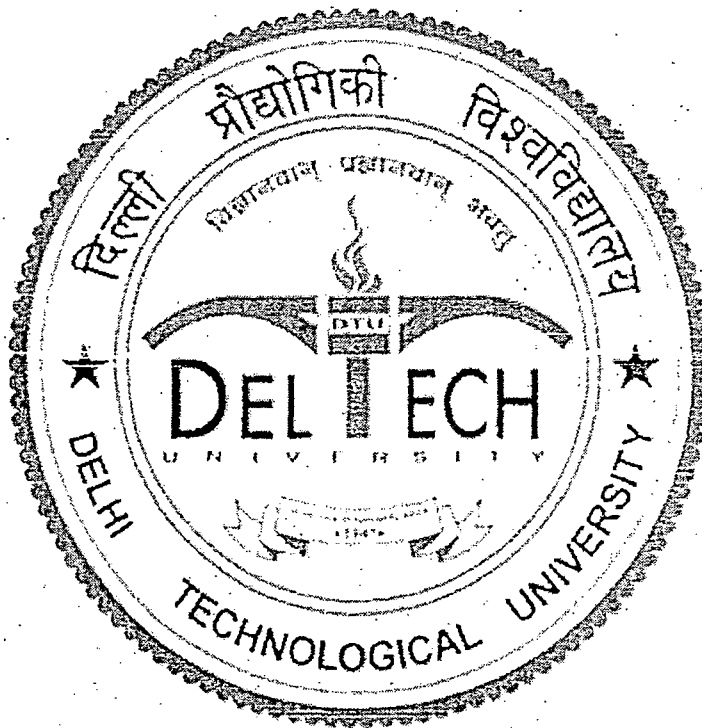
S.No	Event Name	Timeline
4.	Joining of Two Distinguished Professor Prof. Ajoy Ghatak (IITD) and Prof H. C. Verma (IITK) in the Department of Applied Physics DTU	Prof Ajoy Ghatak and Prof H. C. Verma has joined the department.
5.	Field/Industrial Visit: The Department has scheduled an Industrial Visit to CSIR-Central Electronics Engineering Research Institute (CEERI), Pilani for our B.Tech (Engineering Physics) Students. (Coordinator at CEERI Pilani: Dr. Jitendra Singh, Senior Principal Scientist)	August, 2026

—Dr—

Proposed Activities in line with Strategic Plan of Department of Applied Physics

S.No	Event Name	Timeline
6.	Faculty Development Program (Online/Offline) Title: "Materials for Clean and Sustainable Energy"	October, 2026
7.	New Academic programme in B.Tech (Quantum Science and Technology) will start from the coming Academic Session (Aug 2026-2027)	In Process
8.	Springer-sponsored international conference is in preliminary stage. Funding sources including, AICTE, ANRF and DSIR will be approached.	In Process
9.		

Delhi Technological University



Value Proposition Document

Department of Mechanical Engineering

Capability Statement & Value Proposition

Research || Innovation || Consultancy || Testing || Technology Development

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About the Department

Established in 1941, the Department of Mechanical Engineering at Delhi Technological University (DTU) is one of the oldest and most prestigious mechanical engineering departments in India. Over the decades, it has evolved into a centre of excellence in engineering education, research, innovation, and industry collaboration. The department currently offers B.Tech. programmes in Mechanical Engineering, Production & Industrial Engineering, and Automobile Engineering, along with M.Tech. programmes in Thermal Engineering and Production Engineering, a B.Tech. programme for Working Diploma Engineers, and Ph.D. programmes across all major areas of Mechanical Engineering.

The department is equipped with state-of-the-art laboratories and advanced research facilities supporting teaching, research, and consultancy in areas such as fluid mechanics, heat transfer, refrigeration and air conditioning, internal combustion engines, automotive engineering, robotics, flexible manufacturing systems, computational fluid dynamics (CFD), CAD/CAM, CNC machining, welding technologies, industrial engineering, and renewable energy systems. Modern software platforms including Siemens NX, CATIA, AutoCAD, ANSYS, HyperWorks, MATLAB, Fluent, SPSS, Witness, and LINGO provide a strong computational and design environment for students and researchers.

The department has established significant expertise in renewable energy, biofuels, sustainable transportation, and advanced manufacturing technologies. It has successfully executed several sponsored research projects funded by MNRE, AICTE, Government of NCT of Delhi, and international organizations. Research contributions include the development of biodiesel production technologies, solar photovoltaic-powered vehicles, ice slurry production systems, and alternative fuel engine technologies, demonstrating the department's commitment to sustainable engineering solutions.

The department actively promotes innovation and experiential learning through internationally recognized student chapters, including SAE India and ISHRAE. The SAE student chapter, one of the largest and most active in the country, regularly participates in prestigious national and international engineering design competitions such as Formula Student, BAJA SAE, Super Mileage, Alternative Energy Vehicle, Human Powered Vehicle, and other global competitions, earning numerous accolades.

Supported by a team of highly qualified faculty members with strong national and international research credentials, the department maintains an excellent record of high-impact publications, sponsored research, consultancy projects, patents, and industry collaborations. Through its multidisciplinary expertise, advanced infrastructure, and strong industry engagement, the department continues to contribute towards technological innovation, sustainable development, and the creation of highly skilled engineering professionals for academia, research, and industry.

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Department Vision & Mission

To become a global hub of academic excellence, research and innovation in the field of Mechanical, Production & Industrial, and Automobile Engineering.

To produce world class skilled Mechanical, Production & Industrial, and Automobile Engineers by imparting quality education through cutting edge technologies, and Research & Development enabling them to work towards sustainable professional development

Academic Strength

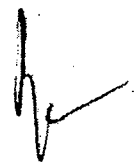
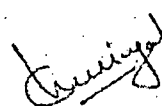
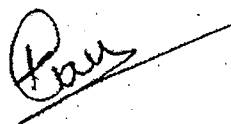
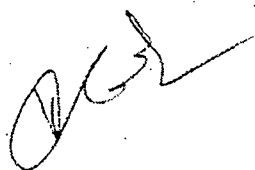
The Department of Mechanical Engineering at Delhi Technological University (DTU) has established itself as a centre of excellence in engineering education by offering academically rigorous, industry-relevant, and research-driven programmes. The curriculum is designed to provide students with strong theoretical foundations, practical engineering skills, and multidisciplinary exposure, preparing them to address emerging technological challenges.

The department offers Undergraduate (B.Tech.) programmes in Mechanical Engineering, Production & Industrial Engineering, and Automobile Engineering, along with a B.Tech. programme for Working Diploma Engineers. At the postgraduate level, the department offers M.Tech. programmes in Thermal Engineering and Production Engineering, focusing on advanced engineering concepts, research methodologies, and industrial applications. The department also offers Doctoral (Ph.D.) programmes across all major domains of Mechanical Engineering, fostering high-quality research and innovation.

Academic programmes are supported by well-equipped laboratories, advanced computational facilities, modern workshops, and project-based learning, enabling students to gain hands-on experience in design, manufacturing, thermal systems, automation, computational modelling, and product development. The department integrates contemporary engineering tools, simulation software, and experimental techniques into its curriculum to enhance learning outcomes.

A distinguishing feature of the department is its strong emphasis on experiential learning, interdisciplinary research, innovation, and industry engagement. Students actively participate in sponsored research projects, industrial internships, technical competitions, entrepreneurship initiatives, and professional society activities such as SAE India and ISHRAE. These opportunities enable students to apply engineering principles to real-world problems while developing leadership, teamwork, and problem-solving skills.

With a highly qualified faculty, state-of-the-art infrastructure, and a vibrant research ecosystem, the department continues to nurture competent engineers, researchers, innovators, and future leaders capable of contributing to academia, industry, government organizations, and entrepreneurial ventures.



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Academic Programmes Offered

Programme	Duration	Key Focus Areas
B.Tech. in Mechanical Engineering	4 Years	Design, Manufacturing, Thermal Engineering, Materials, Automation
B.Tech. in Production & Industrial Engineering	4 Years	Manufacturing Systems, Industrial Engineering, Operations Management
B.Tech. in Automobile Engineering	4 Years	Automotive Design, IC Engines, Electric & Hybrid Vehicles
B.Tech. for Working Diploma Engineers	4 Years	Continuing Professional Engineering Education
M.Tech. in Thermal Engineering	2 Years	Energy Systems, Heat Transfer, Refrigeration & Air Conditioning, CFD
M.Tech. in Production Engineering	2 Years	Advanced Manufacturing, Automation, CAD/CAM, Quality Engineering, Industrial Engineering and Management, Energy Systems and Management
Ph.D. Programme	Variable	Research in all major areas of Mechanical Engineering

Faculty Expertise

Thermal Engineering

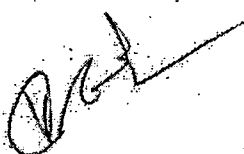
- Refrigeration & Air Conditioning
- HVAC
- Heat Transfer
- Energy Systems
- IC Engines
- Renewable Energy
- CFD
- Turbo-machinery

Design Engineering

- Machine Design
- Finite Element Analysis
- Structural Design
- Product Development

Manufacturing

- Advanced Manufacturing
- Welding



- Metal Forming
- Machining
- Additive Manufacturing
- Automation

Industrial Engineering

- Supply Chain
- Operations Research
- Optimization
- Lean Manufacturing

Materials

- Tribology
- Surface Engineering
- Composite Materials

Major Research Areas

- Thermal Engineering
- Renewable Energy
- Sustainable Energy Systems
- HVAC & Refrigeration
- Computational Fluid Dynamics
- Heat Transfer
- Fluid Mechanics
- IC Engines
- Power Plants
- Hydrogen Energy
- Energy Storage
- Tribology
- Machine Design
- Robotics
- Manufacturing Engineering
- Smart Manufacturing
- Industry 4.0
- Automation
- CAD/CAM/CIM
- Advanced Materials
- Welding
- Metal Forming
- Solar Energy
- Product Design
- Digital Manufacturing

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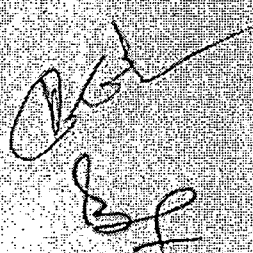
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Laboratory Infrastructure

- Cad Lab
- Foundry Shop
- CNC Shop and Wire Cut Shop
- Machine Shop
- Smithy And Forging Shop
- Welding Shop
- Rac Lab
- Material Testing (Som) Lab
- Industrial Engineering and SQC Lab
- Metrology Lab
- Fitting Shop
- Fluid Mechanics and Hydraulics Lab
- Sheet Metal Shop
- Precision Manufacturing Lab
- Project Shop
- Mechanical Science Lab
- Turbo-Machinery Lab
- Power Plant Engineering Lab
- Instrumentation Lab
- Research Lab
- Welding Lab
- Auto Engg Lab
- I.C Engine Lab
- Design Centre
- Heat Transfer Lab
- Centre Of Advanced Studies and Research in Automotive Engineering (Casrae)
- Micro & Nano Scale Thermo-fluidic Lab
- Production Management Lab
- Siddharth Lab (Tribology Lab)
- Best Lab (Bajaj Lab Robotics & Automation)

Major Facilities

- Advanced experimental facilities
- Simulation software
- High-performance computing
- CFD
- CAD/CAM
- MATLAB
- ANSYS
- Additive Manufacturing
- Central Instrumentation
- Mechanical Workshop
- Central Workshop
- Library



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- Computer Centre

Industry Collaboration Opportunities

- Sponsored Research
- Consultancy
- Testing
- Product Validation
- Faculty Development Programmes
- Skill Development
- Joint Research
- Technology Development
- Internships
- Industrial Training
- Student Projects
- Start-up Incubation

Innovation & Entrepreneurship

- Innovation Centre (CAMERI)
- Start-up Support
- Patent Development
- Prototype Development
- Incubation Support
- Product Commercialization

Student Opportunities

- Internships
- Live Industry Projects
- Research Assistantships
- Innovation Projects
- International Collaborations
- Student Chapters
- Technical Clubs
- Entrepreneurship Activities

Major Achievements

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- Funded Research Projects
- Patents
- High-Impact Publications
- International Collaborations
- National Awards
- Successful Alumni
- Ph.D. Graduates
- Industry Partnerships

Facilities Available

- Modern Laboratories
- Seminar Halls
- Smart Classrooms
- High-Speed Computing
- Central Workshop
- Central Library
- Digital Resources
- Design Studio
- Conference Facilities

Consultancy & Testing Services

- Product Design
- Failure Analysis
- CFD Analysis
- Thermal Analysis
- Prototype Development
- Mechanical Testing

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- Material Characterization
- Industrial Problem Solving

Future Focus Areas

- Industry 5.0
- Artificial Intelligence
- Digital Manufacturing
- Smart Mobility
- Green Hydrogen
- Electric Vehicles
- Sustainable Energy
- Circular Manufacturing
- Advanced Robotics
- Human-Centered Engineering

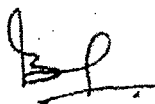
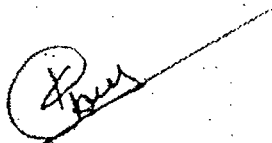
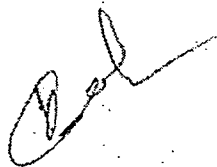
Contact Information

HOD: Prof. BB Arora

Department Office: Mechanical Engineering

Website: www.dtu.ac.in

Email: hodme@dtu.ac.in



List of Indian Tribology and Grease/Lubrication Experts

Indian Institutes, National Institutes, CSIR Laboratories and Universities

Note: The list below focuses on Indian experts associated with tribology, lubrication, greases, wear, friction, bearings, coatings, nanotribology, bio-tribology and surface engineering

S. No.	Name	Institute / Organisation	Main expertise / relevance
1	Dr. G. D. Thakre	CSIR-Indian Institute of Petroleum (IIP), Dehradun	Tribology, lubricants, lubricating greases, lubricant/grease testing and evaluation
2	Dr. Shailesh Kumar Singh	CSIR-Indian Institute of Petroleum (IIP), Dehradun	Tribology, surface-lubricant interaction, green lubricants, evaluation of lubricants and greases.
3	Dr. Om P. Khatn	CSIR-Indian Institute of Petroleum (IIP), Dehradun	Boundary lubrication, lubricant additives, ionic liquids, nanotribology, and surface science
4	Dr. Praveen Kumar Khatn	CSIR-Indian Institute of Petroleum (IIP), Dehradun	Lubricant additives, ionic liquids, tribological performance of formulated lubricants
5	Dr. Naresh Chandra Murmu	CSIR-CMERI, Durgamur / AcSIR	Surface engineering, tribology, graphene-based composites, coatings and lubricants
6	Prof. A. P. Harsha	IIT (BHU) Varanasi	Tribology of materials, bio-tribology, machine design and lubrication-related studies
7	Prof. Rajesh Kumar	IIT (BHU) Varanasi	Engine tribology, surface contact modelling, scuffing, running-in, wear modelling and tribochemistry
8	Prof. Rajnesh Tyagi	IIT (BHU) Varanasi	Materials tribology, high-temperature wear, self-lubricating materials and wear-resistant coatings.
9	Prof. Rakesh K. Gautam	IIT (BHU) Varanasi	Composite tribology, bio-tribology, dental tribology, and erosion/wear behaviour
10	Prof. B. V. Manoj Kumar	IIT Roorkee	Ceramic tribology, friction and wear of advanced materials and coatings
11	Prof. Satish C. Sharma	IIT Roorkee	Hydrodynamic and hydrostatic lubrication, journal/thrust bearings and non-Newtonian lubricant rheology
12	Prof. M. S. Bobi	Indian Institute of Science (IISc), Bengaluru	Nanotribology, nanomechanics, nanoparticles in tribology and surface micro-texturing
13	Prof. Satish V. Kailas	Indian Institute of Science (IISc), Bengaluru	Friction, wear, lubrication, fretting wear, friction drives and eco-friendly cutting fluids
14	Prof. Mayank Tiwari	IIT Palakkad	Wear, lubrication and friction, coatings, vacuum tribology, rotor dynamics and bearing applications.
15	Prof. Mohammad Farooq Wani	NIT Srinagar	Tribology, smart materials, high-temperature composite materials and nano-coatings
16	Prof. Harpreet Singh	IIT Ropar	Surface engineering, cold/thermal spray coatings, erosion-corrosion and tribological performance of coatings.
17	Prof. Nitya Nand Goswami	IIT Delhi	Nanoscale tribology, friction, wear, lubrication and tribochemical processes at liquid-solid interfaces
18	Prof. P. Ramkumar	IIT Madras	Engine tribology, nano-lubrication, gearbox design, tribological coatings and brake materials
19	Prof. A. Seshadri Sekhar	IIT Madras / IIT Palakkad	Tribology in design, hydrodynamic bearings, journal-bearing performance and rotor dynamics
20	Prof. Geetha Manivasaagam	VIT Vellore	Bio-tribology, implant coatings, surface engineering, wear and corrosion of biomaterials.

31/07/26

Annexure 7.3(12)