DELHI TECHNOLOGICAL UNIVERSITY

MINUTES

of

42nd Meeting

ACADEMIC COUNCIL

Date : 25.07.2025

Time : 11:00 a.m.

Venue : Vigyan Hall, 2nd Floor, Admin. Block

Shahbad Daulatpur, Bawana Road, Delhi-110042

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Delhi Technological University
(Estd. by Govt. of Delhi vide Act No. 6 of 2009)
(Formerly Delhi College of Engineering)

F. No. DTU/Council/AC/80/2025   Dated :

Minutes of the 42nd meeting of the Academic Council held in hybrid mode on 25.07.2025 at 11:00 a.m. in Vigyan Hall, 2nd Floor, Admin. Block, DTU.

The following members were present:

1. Prof. Prateek Sharma, Vice Chancellor, Delhi Technological University and Chairperson, Academic Council.
2. Prof. Vasant Matsagar, Civil Engineering Department, Indian Institute of Technology, Delhi (through online mode)
3. Prof. Shashi K. Dhiman, Himachal Pradesh University, Summer Hill, Shimla (through online mode)
4. Sh. Amit Mishra, Deputy Director, FICCI
5. Prof. Rajeshwari Pandey, Dean Academic-UG & Controller of Examinations
6. Prof. Rinku Sharma, Dean, Academic-PG
7. Prof. S. Indu, Dean, Digital Education
8. Prof. A.K. Srivastava, Dean, Outreach & Extension Activities
9. Prof. Vishal Verma, Dean, Alumni Affairs
10. Prof. S.G. Warkar, Dean, Student Welfare
11. Prof. A. Trivedi, Dean, SILR
12. Prof. O.P. Verma, Head, E&C Department
13. Prof. Rachna Garg, Head, Electrical Engineering Department
14. Prof. B.B. Arora, Head, Mechanical Engineering Department
15. Prof. K.C. Tiwari, Head, Civil Engineering Department
16. Prof. Ruchika Malhotra, Head, Software Engineering Department
17. Prof. Manoj Kumar, Head, Computer Science & Engineering Department
18. Prof. Dinesh K. Vishwakarma, Head, Information Technology Department
19. Prof. R.C. Singh, Head, Department of Design
20. Dr. Saroj Bala, Head, Department of Humanities
21. Prof. Ramesh Srivastava, Head, Applied Mathematics Department
22. Prof. Vinod Singh, Head, Applied Physics Department
23. Prof. Anil K. Haritash, Head, Environmental Engineering
24. Dr. Saurabh Agrawal, Head, Delhi School of Management
25. Prof. Amit Mookerjee, Head, University School of Management and Entrepreneurship (USME)

26. Prof. Yasha Hasija, Head, Biotechnology Department
27. Prof. Anil Parihar, Head, T&P
28. Prof. Devendra Kumar, Applied Chemistry Department
29. Sh. P.V. Ram Kumar, Associate Professor, Mechanical Engineering Department
30. Dr. Yashna Sharma, Assistant Professor, E&C Deptt.
31. Prof. Narendra Kumar, Registrar and Member Secretary, Academic Council, DTU.

Following official/students joined the meeting as special invitee:

1. Prof. Rishu Chaujar, Director, VDSemiX
2. Ms. Manya Sharma, Student Representative
3. Mr. Ashmit Jakhwal, Student Representative

Agenda 42.1 : Opening Remarks by the Chairperson.

The Hon'ble Vice Chancellor, Chairperson of the Council welcomed Prof. Shashi K. Dhiman, Department of Physics, Himachal Pradesh University, Prof. Vasant Matsagar, Department of Civil Engineering, IIT- Delhi, Sh. Amit Mishra, Deputy Director, FICCI, Registrar DTU, all Deans, HODs and other members of Academic Council.

The Chairperson highlighted some of the achievements/events in DTU since the last meeting of the Academic Council as under:

1. NAAC accreditation has been completed and DTU received A+ grade with CGPA 3.47

2. Admissions in the programs are nearly completed and received better response/closed at higher rank than last year in almost all programs.

3. Successfully completed the course VIVEK Marg in collaboration with Rama Krishna Mission.

4. **MOU Signed**
   Delhi Technological University (DTU) has entered into a long-term strategic partnership with QNu Academy through the signing of a Memorandum of Understanding (MoU) to set up a state-of-the-art Quantum Communication Lab on its campus.

5. **Major initiatives of R&D**
   - Secured ₹5.7 crore in new sponsored research projects from government agencies. Notably, a ₹2.3 crore collaborative project was awarded under the PAIR Scheme of the ANRF, marking a major milestone.

   - Internal funding schemes :- 38 proposals were approved, Around ₹2.93 crore granted under the following categories.

     1. Young Faculty Grant (YFG)
     2. Faculty Interdisciplinary Research Project (FIRP)
     3. Equipment Matching Grant (EMG)

   - To incentivise research excellence, five categories of R&D Awards were launched, contributing to a significant rise in research output. DTU's h-index is near to 150, more than 2400 Scopus Index papers reflecting its global research impact.

   - In consultancy, the University achieved a record ₹26 crore in completed projects, demonstrating strong industry trust and application-driven research.

- 26 patents have been granted and 60 patents published.

- Technology transfer partnerships are being forged with NRDC, DST TECs, and leading private entities.

- University is now eligible for CSR funding. Around 40 MOUs are being processed for the same.

6. CCDR
- The Centre for Community Development and Research (CCDR) at DTU is dedicated to promoting sustainable and inclusive community development through cutting-edge research, targeted capacity building, and strategic partnerships. The 2024–2026 roadmap emphasizes solving real-world challenges through innovation, community empowerment through training and outreach, and enhanced collaboration with academia, industry, government, and civil society.

- Key initiatives include the launch of a problem repository app to streamline grassroots issue identification and solution-building. Notable programs in 2024–25 include a hackathon on women entrepreneurship, an ideathon on decentralized solar energy, and two technical training programs on solar energy systems. CCDR has formalized partnerships with FinX, DRDO, a road safety NGO TRAx Society, and the Kaushika Foundation, with several more in the pipeline to amplify its impact.

7. IIF
- The DTU Innovation & Incubation Foundation (DTU-IIF), is supporting over 100 start-ups valued at ₹1,000+ Crores, with a start-up turnover exceeding ₹300 Crores and 1,000+ jobs created. It has received recently funding—including ₹75 Lakhs under the CiC initiative with IIT Delhi and ₹90 Lakhs from AICTE IDEA Lab—and is a registered MSME Host Institution.

- Key initiatives include the Centre for Co-Innovation in Robotics and AICTE IDEA Lab. The DTU-IIF is further strengthened by strategic mentorship from industry leaders and alumni, fostering a dynamic entrepreneurial ecosystem at DTU.

8. Celebrations
- Plastic free day on 21st may 2025

- International Yoga Day on 21st June 2025

- World Lung Cancer Day scheduled on 1st August 2025

9. Workshops, webinars, Events and FDP
  i. Protecting IPR by Applied Physics Department
  ii. Two day Social ideathon by Software Department during 26-27 May 2025
  iii. HRDC organised 3 weeks training program for DANICS probationaries during 26th May 2025 to 13th June 2025
  iv. DTU organised CXO submit with theme "ESG and Implementation Challenges" on 30th May 2025
  v. Design Bootcamp was organized by Department of Design from 30th June to 21st July, 2025.
  vi. FDP on 'Activity based Designing using Autodesk fusion' by Department of Design during 7- 11 July 2025
  vii. Organised Summer School on AI starting form 14th July 2025 for two weeks

10. Podcasts released under DTU podcast series
  • Podcast of Prof. Manah
  • Podcast of Mr. P. S. Chadha

11. Lecture series
  Department of Biotechnology on 26th June on "Transforming Glucoma Care through Storey Telling" by Prof. Ajit Mukhopdhyay from UK

12. Placement Statistics 2024 – 2025 (As on 24.07.2025)

No. of Companies:	368
No. of Offers:	1831
Highest CTC:	85 LPA
No. of Offers above 20 lacs:	364
Between 10 to 20 Lacs:	662
Average CTC till date:	15.04 Lacs

13. Internship Statistics 2024-2025 (As on 24.07.2025)

No. of internships:	202
No. of companies:	49
Highest stipend:	1.87 Lacs per month
No. of stipend above Rs. 1,00,000:	45

Agenda 42.2 : Confirmation of the minutes of the 41ˢᵗ meeting of Academic Council held on 20.05.2025.

The minutes of the 41ˢᵗ meeting of Academic Council held on 20.05.2025 were circulated among all the members vide forwarding letter number F.No. DTU/ Council/ AC/ 76/ 2025/ 625 dated 22.05.2025. Minutes of the 41ˢᵗ meeting were placed as Annexure in the Agenda note.

No comments have been received from any of the members.

Decision : The Academic Council confirmed the minutes of its 41ˢᵗ meeting held on 20.05.2025.

Agenda 42.3 : **Action taken report on the decisions taken in the 41st meeting of the Academic Council.**

Minutes of the 41st meeting of Academic Council held on 20.05.2025 were circulated to members and concerned officers for further necessary action. Action Taken Report on the decisions taken in the 41st meeting of the Academic Council was as below:

Item No.	Agenda Item	Decision Taken	Action Taken Report
41.1	Opening remarks by the Chairperson.	Noted.	Matter of record.
41.2	Confirmation of the minutes of the 40th meeting of Academic Council held on 06.12.2024.	The Academic Council confirmed the minutes of its 40th meeting held on 06.12.2024.	Matter of record.
41.3	Action taken report on the decisions taken in the 40th meeting of the Academic Council.	The Academic Council took the Action Taken Report on record.	Matter of record.
41.4	Guidelines regarding the Posthumous Award of Ph.D degree in DTU.	The Academic Council considered and recommended the policy on Posthumous Award of Ph.D Degree by the DTU to the Board of Management for approval.	The guidelines have been notified vide no. F.DTU/Council/BoM-Notification/71/2025/P-I/642 dated 02.07.2025 after approval of the Board of Management in its 55th meeting held on 27.05.2025.
41.5	Regarding removal of negative marking in the entrance test for Ph.D Admissions.	The Academic Council considered and deferred the proposal.	The matter was deferred. No action required.
41.6	Academic Calendar for all UG, PG & Ph.D Programs for the Academic Year 2025-2026.	The Academic Council considered and suggested some modifications in the Academic Calendar for all UG, PG & Ph. D. Programs for the Academic Year 2025-2026 and authorized the Vice Chancellor, Chairperson of the Council to approve the modified Academic Calendar. Further, it was suggested to include slots in the Academic Calendar for evaluation of Mid-	Academic Calendar has been notified vide notification no. F.No.105(641)DTU/ Acad-UG/ 2018-19/ 19718-24 dated 26.06.2025.

		Term and End-Term examinations answer sheets and showing answer scripts to the students. Chairman, Central Time-Table Committee was advised to initiate process for preparing time-table of all academic departments centrally and also upload the time-table in SAMARTH-ERP to enable timely availability of list of registered students.	
41.7	New four years B.Tech. Electronics Engineering (VLSI Design and Technology) program, to be offered by Electronics and Communication Engineering Department.	The Academic Council considered and recommended to the Board of Management for starting a new four-years program B. Tech. Electronics Engineering (VLSI Design and Technology), to be offered by Electronics and Communication Engineering Department.	AICTE approval has been obtained vide F.No. North-West/1-44640144514/2025/EOA/Corrigendum-1 dated 30.06.2025.
41.8	Scheme & Syllabus of 3rd & 4th Year for all B. Tech Programs.	Academic Council considered and approved the revised scheme and syllabus of 3rd & 4th Year for all B. Tech Programs. Further, the Council suggested that University should publish the scheme and syllabus of all programs in printed format for ready reference to all stakeholders.	Scheme & Syllabus of 3rd & 4th Year for all B. Tech Programs have been implemented.
41.9	Introduction of Industry Micro Credentials in formal curriculum of UG and PG Programs.	Academic Council considered and approved in principle for introduction of Industry Micro Credentials in formal curriculum of UG and PG Programs.	Notified vide F.No.105(1222)/ DTU/ Acad-UG/2024-25/ 19126-33 dated 19.03.2025.
41.10	To start a new Under Graduate Course of B.Tech Information Technology (Cyber Security) in the Department of Information Technology.	The Academic council considered and recommended to the Board of Management for starting the new under- graduate program of B.Tech Information Technology (Cyber Security) from upcoming academic session along with Scheme & Syllabus for the program.	AICTE approval has been obtained vide F.No. North-West/1-44640144514/2025/EOA/Corrigendum-1 dated 30.06.2025. B.Tech Information Technology (Cyber Security) program is being started from academic session 2025-26 with an intake of 60.

41.11	Proposal for providing option to the students of Three Year BBA and BAE program to opt for Four Year BBA and BAE Honours/Honours with Research Degrees respectively.	Academic Council considered and approved the proposal for providing option to the students of Three-Year BBA and BAE programs to opt for Four-Year BBA and BAE Honours/ Honours with Research Degrees respectively.	Decision of Academic Council implemented and notified.
41.12	Proposal of Minor Changes in Structure of Four Year Undergraduate Program BBA AND /BAE Programs.	Academic Council considered and approved the proposal of minor changes in the structure of Four-Year Undergraduate BBA and BAE programs.	Decision of Academic Council implemented and notified.
41.13	Minor revisions in Admission Eligibility Criteria for Executive MBA program in Data Science and Analytics.	Academic Council considered and approved the minor revisions in admission eligibility criteria for Executive MBA program in Data Science and Analytics.	Decision of Academic Council implemented and notified.
41.14	Changes in BBA-IEV curriculum for current batches (2024- 2028) onwards.	Academic Council considered and approved the changes in BBA-IEV curriculum for current batches (2024-2028) onwards.	Decision of Academic Council implemented and notified.
41.15	Approval of Revised Scheme and Syllabus of MBA (Executive) program at DSM	Academic Council considered and approved the revised scheme and syllabus of MBA (Executive) program at DSM.	The approved Scheme and Syllabus of MBA (Executive) program have been implemented.
41.16	Approval of MBA (Business Analytics) Revised Scheme and first year Syllabus.	Academic Council considered and approved the revised scheme and first year syllabus of MBA (Business Analytics) program.	The approved Scheme and Syllabus of MBA (Business Analytics) program have been implemented.
41.17	Merger of Multidisciplinary Centre for Geoinformatics (MCG) into Department of Geospatial Science and Technology (GST), Transfer of Programs, Students and Resources.	Academic Council considered and recommended to Board of Management for renaming of "Multidisciplinary Centre for Geoinfomatics" to "Department of Geospatial Science and Technology".	Renaming of the Centre to "Department of Geospatial Science and Technology" has been notified vide no. F.DTU/Council/BoM-Notification/71/2025/P-I/635 dated 26.06.2025 after approval of the Board of Management in

			its 55th meeting held on 27.05.2025.
41.18	Establishment of "Centre for Tunnelling and Underground Space" and start M.Tech program in Tunnelling and Underground Space Engineering in Civil Engineering Department till the centre becomes functional.	The Academic Council considered and recommended to the Board of Management for establishment of "Centre for Tunneling and Underground Space Engineering" and for starting of Full-Time M.Tech by Research program in the discipline of "Tunneling and Underground Space Engineering" in Civil Engineering Department from the AY 2025-26.	Center has been established and for M.Tech by research program in the discipline of "Tunnelling and Underground Space Engineering" a curriculum development workshop has been successfully conducted on 28.06.2025 in DTU and participated by experts from Academic, Ministry, Industry and Professional Societies. Further implementation is in progress.
41.19	Ph.D Program in Centres/ Centres of Excellence & two DTU fellowship from AY 2025-26.	The Academic Council considered and approved the recommendations of the Committee regarding modalities for Ph.D Program in Centres/ Centres of Excellence & two DTU fellowship from AY 2025-26.	Decision of Academic Council has been implemented.
41.20	Fee structure for students seeking admission in Academic Year 2025-26.	The Academic Council considered and approved the fee structure for the academic year 2025-26 with minor modifications as placed in Annexure.	Fee structure has been notified vide notification no. F.No. DTU/ Reg/ Uni.Adm.Com./2023-24/ 133 dated 12.06.2025.
41.21	Matter for ratification: i. Formal registration to following Ph.D. students upon successful completion of course work and comprehensive examinations and approval of research plan by respective DRCs. ii. Admission Brochure for Ph.D Program (January Session) for the Academic Year 2024-25.	The Academic Council ratified the 8 actions of the University.	Matter of Record

	iii. Admission Brochure and seat matrix for M. Tech. by Research programme Biannual (January Session) for the Academic Year 2024-25. iv. Admission Brochure M. Tech. Biannual (January Session) for the Academic Year 2024-25. v. Inclusion in Brochure for additional 10%-20% supernumerary seats for girls students in all B. Tech. Programs of DTU. vi. Seat Matrix of MBA, MBA (Executive). vii. Seat Matrix of MBA (Business Analytics). viii. Revision in syllabus for course code MS-199-Community Engagement (Mentoring School Students).		
41.22	Matter for Information: i. Admissions made in M. Tech. by Research Programme Biannual (January session) for the Academic year 2024-25. ii. Cancellation/ Withdrawal of admission from Ph.D program.	The Academic Council noted the information.	Matter of record.
41.23	Any other item with the pemission of the Chair.	No other matter	Noted.
S. A. 41.24	To start a new multidisciplinary B.Tech. Computer Science and Engineering (Data	The Academic Council considered and recommended to the Board of Management for starting a new multidisciplinary undergraduate program as	B.Tech. Data Science and Analytics course admissions are going on for the academic session 2025-26 after

	Analytics) program, to be offered by Computer Science Engineering Department.	B.Tech. Computer Science and Engineering (Data Science and Analytics).	approval of the Board of Management in its 55th meeting held on 27.05.2025.
S. A. 41.25	Revision of seat matrix for admissions in B.Tech programs for AY 2025-26 (i) to include 5% supernumerary seats for girl students and (ii) to rationalize seat matrix of B.Tech CSE, ECE and IT programs for starting new B.Tech programs in respective departments.	The Academic Council considered and approved the revision of seat matrix for admissions in B.Tech programs for AY 2025-26 (i) to include 5% supernumerary seats for girl students and (ii) to rationalize seat matrix of B.Tech CSE, ECE and IT programs for starting new B.Tech programs in respective departments.	Implemented from the Academic Session 2025-26.
S. A. 41.26	Scheme and Syllabus for 2nd year of Integrated B.Sc. and M.Sc.	The Academic Council considered and approved the Scheme and Syllabus for 2nd year of Integrated B.Sc. and M.Sc.	Decision of Academic Council has been implemented.
S. A. 41.27	Schemes and Syllabi for Academic Year 2025-27 of 03 M.Des programs.	The Academic Council considered and approved the Schemes and Syllabi for Academic Year 2025-27 of 03 M.Des programs.	Decision of Academic Council has been implemented.
S. A. 41.28	Matter for ratification: Admission Brochures of B.Des and M.Des programs.	The Academic Council considered and ratified the above action of the University.	Matter of record.
S. A. 41.29	Guidelines for Engaging Distinguished Professor(Practice).	The Academic Council considered and recommended to the Board of Management for approval of the Guidelines for Engaging Distinguished Professor (Practice).	The guidelines for engaging Distinguished Professor(Practice) have been notified vide no. F.DTU/Council/BoM-Notification/71/2025/P-I/636 dated 26.06.2025 after approval of the Board of Management in its 55th meeting held on 27.05.2025.

Decision : The Academic Council took the Action Taken Report on record.

Agenda 42.4 : **To start M.Tech by Research Program in the Deptt. of Environmental Engineering with specialization in Environmental, Social, and Governance (ESG) in collaboration with Institute of Company Secretaries of India (ICSI), Delhi w.e.f Academic Year 2025-26.**

It was submitted to the Academic Council that Departmental Research Committee, Department of Environmental Engineering, DTU proposed M. Tech. by Research programme in Environmental, Social, and Governance (ESG) in collaboration with the Institute of Company Secretaries of India (ICSI), Delhi. The ICSI has submitted the acceptance for conducting the course in collaboration with Department of Environmental Engineering, DTU.

The collaboration has been agreed upon the following terms:

1. The core courses during the M. Tech. by Research will be designed and delivered by DTU and ICSI collaboratively, considering the expertise of the component (i.e. Environmental, Social, or Governance) with mutual consent.
2. The project work and report will be jointly supervised and published by the supervisors from DTU and ICSI.
3. Any other expert lecture, awareness programme, training/internship etc. during the course will be organized collaboratively by DTU and ICSI.
4. The invited faculty/expert called for lectures during the programme will be paid the honorarium as per prevalent DTU norms/guidelines.

The scheme/syllabus for the said programme with approval of the Board of Studies was placed as Annexure in the Agenda note.

Decision : **The Academic Council considered and approved for starting M.Tech by Research Program in the Deptt. of Environmental Engineering with specialization in Environmental, Social, and Governance (ESG) in collaboration with Institute of Company Secretaries of India (ICSI), Delhi w.e.f Academic Year 2025-26.**

Agenda 42.5 : To start M.Tech by Research programme in Cyber Security in the department of Computer Science and Engineering

It was submitted to the Academic Council that the Board of Management, in its 53rd meeting held on 11.12.2024, has approved the recommendations of the Academic Council for starting of M.Tech Program in Cyber Security in the department of Computer Science and Engineering with an intake of 30 students w.e.f. AY 2025-26.

At present, M.Tech by Research program is running in 12 disciplines with intake of 12 in each discipline.

The Delhi Technological University intends to start a new post-graduate programme, M.Tech. by Research (Cyber Security) in the Department of Computer Science & Engineering. The programme will focus on areas such as network security, Cryptography, ethical hacking, digital forensics and risk management aligning with national and global cyber security goals.

Decision : The Academic Council considered and approved for starting of M.Tech by Research in Cyber Security with an intake of 12 students in the department of Computer Science and Engineering.

Agenda 42.6 : Scheme & Syllabus of M. Tech. program (Full Time & Part Time) as per NEP, 2020

It was apprised that the Academic Council, vide Agenda Item No. 39.8 in its 39th meeting held on 19.06.2024, approved the admission modalities and Scheme & Syllabus of M. Tech. Program (Full Time & Part Time) DTU as per National Education Policy (NEP 2020).

Further, a Committee was constituted, vide order dated 23.12.2024, to ensure uniformity in course codes, course plans and complete syllabus in M.Tech. program as per NEP, 2020.

The Committee revised the Scheme & Syllabus for M.Tech. Program for the following disciplines: -

S. No.	Department	M. Tech. Programme
1.	Applied Chemistry	Polymer Technology
2.	Applied Physics	Material Science & Technology
3.	Biotechnology	Bioinformatics
		Industrial Biotechnology
4.	Computer Science & Engineering	Computer Science & Engineering
		Artificial Intelligence
		Cyber Security
5.	Civil Engineering	Structural Engineering
		Geotechnical Engineering
		Hydraulic & water Resource Engineering
6.	Information Technology	Information Technology
7.	Electronics & Communication Engineering	Signal Processing & Digital Design
		VLSI Design and Embedded System
		Microwave & Optical Communication Engineering
8.	Electrical Engineering	Control & Instrumentation
		Power Electronics & Systems
		Power System
9.	Environmental Engineering	Environmental Engineering
10.	Mechanical Engineering	Industrial Engineering and Management
		Computer Aided Analysis and Design
		Production Engineering
		Thermal Engineering
		Energy Systems & Management
11.	Software Engineering	Software Engineering
		Data Science
12.	Multi-disciplinary Centre for Geo-informatics	Geoinformatics

Scheme & Syllabus for the above M.Tech. Programmes were placed in separate Annexure Book which was tabled.

Dean, Academic-PG presented a detailed presentation on the matter before the Council. Copy of presentation is placed at *Annexure pages .01.to .9.*

Decision : **The Academic Council considered and approved the Scheme & Syllabus of M. Tech. program (Full Time & Part Time) as per NEP, 2020.**

Agenda 42.7 : **To consider and approve in-principle for introduction of new academic programs in the Department of Applied Physics**

The Academic Council was apprised that with the rapid advancement in the field of quantum computing, quantum communication, quantum sensing, and related quantum technologies, there is a growing national and global demand for skilled professionals and researchers. Aligning with **India's National Quantum Mission** it is imperative for premier institutes like DTU to contribute by training future-ready human resources in this emerging domain.

Recognizing this strategic importance, the Department of Applied Physics has proposed the launch of the below-mentioned academic programs to offer interdisciplinary and research-focused education in quantum science and technologies from the academic year 2026-2027:

1. **B. Tech. in Quantum Science and Technology**
2. **M. Tech. in Quantum Technologies**
3. **M. Tech. by Research in Quantum Technologies**

The proposal was discussed and **approved by the Board of Studies (BoS)** of the Department of Applied Physics in its meeting held on **July 11, 2025**, in the office of the Head, Department of Applied Physics, DTU.

Planning Board of DTU in its last meeting on 04.07.2025 has also suggested to start such program in the University.

Discussions and suggestions:
Sh. Amit Mishra informed that FICCI is also working in the area of Quantum Science and Technology with various academic institutions. He requested to share more details about the programs and ongoing research with FICCI so that FICCI can extend its help in realizing external funding.

Members also suggested that the program should be multi-disciplinary and therefore, possibility to be explored to run the program from School of Integrated Learning and Research (SILR)

Decision : **The Academic Council considered the matter and recommended to the Board of Management for in principle approval for introduction of above mentioned 03 academic programs by the Department of Applied Physics.**

Agenda 42.8 : **Introduction of Minor Degree in Quantum Technologies for Undergraduate Students under Department of Applied Physics, DTU**

It was submitted to the Academic Council that the Department of Applied Physics, Delhi Technological University (DTU), proposes to introduce a **Minor Degree in Quantum Technologies** for undergraduate (UG) students, beginning with the academic session 2025–26. This initiative is in line with the model curriculum and guidelines prescribed by the All India Council for Technical Education (AICTE) for Minor Degrees to promote interdisciplinary learning and skill development in emerging domains.

Quantum Technologies has been recognized as a rapidly advancing field with significant implications across computing, cryptography, communication, sensing, and simulation. The proposed Minor Degree aims to equip students with foundational and application-oriented knowledge in this domain, thereby enhancing their employability and preparing them for advanced studies and research.

The proposal for the Minor Degree in Quantum Technologies, including the scheme and detailed syllabus, were thoroughly reviewed and approved by the Board of Studies (BoS) of the Department of Applied Physics in the meeting held on July 11, 2025 in the office of Head, Department of Applied Physics, DTU.

In line with the University directions to implement major and minor specializations in Emerging areas in B.Tech. program, the revised list of DEC's along with new courses (in red font) along with the "Minor Scheme" was placed as under for approval. The detailed syllabus for proposed DEC's was placed as annexure in the agenda note.

S. No.	Code	Title	Area	Credits	Contact Hours/Week			Relative Weight				
					L	T	P	CWS	PRS	MTE	ETE	PRE
SEMESTER V												
1.	EP319	Foundations of Quantum Computing: Physics, Engineering, and Mathematics Computing	DEC	4	3	1	0	25	-	25	50	-
2.	EP321	Basic Programming Lab	DEC/ GEC	3	2	0	2	15	25	20	40	-
3.	EP323	Basic Laboratory Course for Quantum Technologies	DEC/ GEC	3	2	0	2	15	25	20	40	-
SEMESTER VI												
4.	EP322	Survey of Quantum technologies and Applications	DEC	4	3	1	0	25	-	25	50	-
5.	EP324	Foundations of Quantum Technologies	DEC	4	3	1	0	25	-	25	50	-
SEMESTER VII												

| 6. | EP419 | Introduction to Quantum Sensing | DEC | 4 | 3 | 1 | 0 | 25 | - | 25 | 50 | - |
| 7. | EP421 | Introduction to Quantum Materials | DEC | 4 | 3 | 1 | 0 | 25 | - | 25 | 50 | - |

SEMESTER VIII

| 8. | EP412 | Solid State Physics for Quantum Technologies | DEC | 4 | 3 | 1 | 0 | 25 | - | 25 | 50 | - |
| 9. | EP414 | Quantum Optics | DEC | 4 | 3 | 1 | 0 | 25 | - | 25 | 50 | - |

List of Departmental Electives:

B. Tech. Engineering Physics			
Departmental Elective Course			
Departmental Elective Course-1 (Semester- 5)		**Departmental Elective Course- 4 & 5 (Semester- 7)**	
EP307	Principles and Applications in Nuclear Engineering	EP405	Nano Science and Technology
EP309	Biophysics	EP407	VLSI and FPGA design
EP311	Cosmology and Astrophysics	EP409	Robotic Engineering
EP313	Computer Networking	EP411	Advanced Materials for Photonic Devices
EP315	Advanced Semiconductor Device Physics	EP413	Semiconductor Optoelectronics
EP317	Advanced Wafer Processing	EP415	Advanced Simulation Techniques in Physics
EP319	Foundations of Quantum Computing: Physics, Engineering, and Mathematics Computing	EP417	Next Generation Semiconductor Materials
EP321	Basic Programming Lab	EP419	Introduction to Quantum Sensing
EP323	Basic Laboratory Course for Quantum Technologies	EP421	Introduction to Quantum Materials
Departmental Elective Course- 2 & 3 (Semester- 6)		**Departmental Elective Course- 6 (Semester- 8)**	
EP306	Laser and Optical Instruments	EP404	Introduction to Spintronics

EP308	Instrumentation and Control		EP406	Fuzzy Logic and Neural Networks	
EP310	Plasma and Nano-biotechnology		EP408	Mobile and Satellite communication	
			EP410	Space and Atmospheric Science	
			EP412	Solid State Physics for Quantum Technologies	
EP312	Fabrication and Characterization of Nanostructures		EP414	Quantum Optics	
EP314	Integrated Optics				
EP316	Compact Modelling and Process Simulation of Semiconductor Devices				
EP318	Advanced Chiplets Packaging and Reliability Engineering				
EP320	Introduction to Quantum Field Theory				
EP322	Survey of Quantum technologies and Applications				
EP324	Foundations of Quantum Technologies				

Decision : The Academic Council considered and approved for introduction of Minor Degree in Quantum Technologies for undergraduate students under Department of Applied Physics, DTU.

Agenda 42.9 : Proposal for Constitution of Program Placement Committees for Academic Programs across Departments to align Academic learning with Industry Requirements

It was submitted to the Academic Council that in view of the rapidly evolving employment landscape and shifting industry expectations, it has become imperative to undertake a structured assessment of industry requirements with respect to each academic program offered by the University. The goal is to ensure that students are professionally prepared through targeted, program-specific interventions, thereby enhancing their employability and aligning academic outcomes with real-world demands.

To deliberate on this matter, a meeting was convened on 24.04.2025 under the chairmanship of the Hon'ble Vice-Chancellor with the participation of Deans and Heads of Departments. A roadmap was formulated to constitute Program Placement Committees (PPCs) for each academic program.

Further, this proposal was as per suggestion of the University Court in its 7th meeting held on 04.04.2025.

It was proposed to constitute the Program Placement Committees for each academic program offered by various departments, with the following composition and mandate:

Program Placement Committee Composition:
1. Head of Department (Chairperson)
2. Program Coordinator
3. Faculty Coordinator for Placement of the Department
4. Student Placement Coordinators for the program
5. Class Representatives – one from each year of the program

Mandate of the Program Placement Committee:
A. Mapping Program Strengths and Opportunities:
- Identification of core competencies, research strengths, and infrastructure
- Documentation of industry collaborations and faculty-industry linkages
- Listing of relevant job profiles and sectors suited to the program
- Compilation of alumni success stories and startup ventures
- Development of a directory of potential employers and industry collaborators

B. Analysis of Placement Data and Job Scenarios:

- Identification of root causes behind unplaced students (if any)
- Assessment of placement trends and job market alignment
- Evaluation of student preparedness and skills gaps
- Understanding sector-wise placement outcomes and employer feedback

The committee shall work in coordination with the Department of Training and Placement for support and data sharing.

Expected Deliverables:
- Root cause analysis of low placement (if applicable)
- Recommendations for skill development, training, and counselling sessions
- Summary of program strengths
- Curated list of sector-specific job roles
- Potential employer directory with alumni linkage (wherever possible)
- Proposed industry collaboration points with faculty PoCs
- A 10-slide presentation capturing the key value proposition of the program

The formation of these committees is expected to significantly strengthen the University's placement ecosystem by tailoring efforts to each program's unique profile and industry relevance.

Decision : **The Academic Council considered and approved the proposal for constitution of Program Placement Committees for each academic programmes across the Departments to align academic learning with industry requirements.**

Agenda 42.10 : **Introduction of a new Industry Micro-Credential (IMC) Course titled "Certificate Course on Next Generation Sequencing: Methods & Data Analysis" to be offered by the Department of Biotechnology in collaboration with Premas Life Sciences Pvt. Ltd.**

It was submitted to the Academic Council that the Department of Biotechnology, Delhi Technological University aims to enhance undergraduate student's exposure to cutting-edge genomics technologies through a 28-hours (20 hours theory + 16 hours practical), 2-credits blended mode course. This course aligns with the University's credit guidelines and industry demands for skills in next generation sequencing (NGS) and data analysis.

The course would be offered in collaboration with Premas Life Sciences Pvt. Ltd., an industry leader, ensures practical relevance and joint certification. Premas Life Sciences (PLS), established in 2011 and headquartered in Delhi, is a leading Indian OEM dedicated to advancing genomics and cell biology through the introduction of niche, game-changing technologies across human health, agriculture, pharma, and environmental sectors. With over 18 years of industry leadership, PLS has developed and manufactured a range of "Made-in-India" solutions including its UNCODED division, specifically tailored for Indian research and clinical laboratories, ensuring both affordability and reliability. As an authorized channel partner for global leaders like Illumina, PLS brings world-class sequencing technology to the Indian market, supporting the full spectrum of research needs from NGS library preparation to bioinformatics integration. The company's robust infrastructure includes a team of more than 95 professionals (including 20+ Ph.Ds), a Pan-India support network, and a proven track record of collaboration with top universities, research centers and national genomics initiatives.

Course Details:

S.No.	Parameter	Description
1.	Course Title	Certificate Course on Next Generation Sequencing: Methods & Data Analysis
2.	Collaborating Partner	Premas Life Sciences Pvt. Ltd.
3.	Target Learners	Undergraduate students of DTU
4.	Mode of Delivery	Blended (online lectures + hands-on + offline session)
5.	Duration	28 hours (20 hours theory + 16 hours practical)
6.	Credits Assigned	2 credits
7.	Certification	Joint certificate by DTU and Premas Life Sciences Pvt. Ltd.
8.	Proposed Start Date	August 2025

Course Structure and Content Overview:

- Introduction to genomics and NGS platforms

- NGS library preparation and experimental design

- Clinical and research applications of NGS

- Basics of NGS data analysis

The BoS of the Department approved the outline and structure of the new proposed Industry Micro-Credential (IMC) Course. Course outline and Structure were placed as annexure in the agenda note.

Decision : The Academic Council considered and approved for introduction of IMC course titled *"Certificate Course on Next Generation Sequencing: Methods & Data Analysis"* to be offered by the Department of Biotechnology from the upcoming August 2025 session. The Council suggested that the other departments should also initiate such Industry Micro-Credential in their respective programs.

Agenda 42.11 : Introduction of 06 new Discipline Elective Course (DEC) to be offered by the Department of Biotechnology, starting from the August 2025 session

It was submitted to the Academic Council that the Department of Biotechnology, Delhi Technological University (DTU), proposes the inclusion of new six Discipline Elective Course (DEC), in the B.Tech Biotechnology curriculum beginning with the academic session in August 2025. This initiative aims to introduce undergraduate students to the foundational principles and practical applications of traditional Indian knowledge, with a special focus on its relevance to Biotechnology. The course was structured according to departmental academic guidelines and will include both lectures and tutorials to ensure a comprehensive and engaging learning experience.

The Indian Knowledge System (IKS) refers to the vast and diverse body of traditional knowledge developed in India over millennia. It encompasses a range of disciplines, including Philosophy, Mathematics, Medicine (Ayurveda), Astronomy, Agriculture, Architecture and Arts. IKS is characterized by its holistic approach, integrating spiritual, scientific, and practical dimensions to address various aspects of life and society. This system has contributed significantly to global knowledge through its unique insights, sustainable practices and innovative solutions rooted in Indian culture and tradition.

The proposed IKS course is designed to familiarize students with the rich heritage of Indian knowledge. By integrating these traditional insights with modern biotechnological practices, the course seeks to broaden student's perspectives and equip them with innovative approaches for addressing contemporary challenges in the field. This initiative aligns with the university's commitment to promoting interdisciplinary education and fostering appreciation for India's intellectual traditions among future scientists and technologists.

The following six courses are proposed:

1. Indian Knowledge System in Healthcare

2. Indian Knowledge System for Sustainable Biotechnological Innovations

3. Indian Knowledge System in Organic Farming: Technical and Sustainable Alternative

4. Ayurveda and Biotechnology: Scientific Exploration of Traditional Knowledge

5. Traditional Knowledge in Agriculture

6. Diagnostic Synergies: Aligning Vedic and Allopathic Medical Practices

The Board of Studies has approved the structure and syllabi of the proposed 06 new courses. Detailed syllabi of the proposed 6 new courses are placed as annexure in the agenda note.

Decision : The Academic Council considered and approved for introduction of 06 new DEC courses in the curriculum of B.Tech in Biotechnology, to be offered from the upcoming August 2025 session.

Agenda 42.12 : **Introduction of Industry Micro-Credential Course titled "Big-Data Driven Power Integrity Signoff in ICs" under Vinod Dham Centre of Excellence for Semiconductors and Microelectronics to be offered as an Elective Course in the B.Tech Curriculum**

It was submitted to the Academic Council that the Board of Studies of the Centre has discussed the Academic Partnership of ANSYS with DTU in Semiconductor Skilling. Accordingly, an industry micro-credential course titled "Big-Data Driven Power Integrity Signoff in ICs" along with the syllabus has been prepared by ANSYS in line with the DTU course framework. The proposed code for this Industry Micro-Credential is IM/SCXXX. Implementing industry micro-credentials in a B.Tech curriculum can greatly enhance the employability of students, bridge the skill gap, and ensure they are prepared for real-world challenges.

To effectively implement industry micro-credentials in a B.Tech curriculum, ANSYS intends to undertake the delivery of Semiconductor Skilling course module to supplement the regular academic curriculum taught at DTU. In addition, ANSYS will provide access to approved Semiconductor teaching tools of ANSYS necessary as per course curriculum for instructor-led sessions and/or hands-on student demonstrations during the coursework. The members have discussed the syllabus of the course and approved the syllabus. The course may be embedded in the B.Tech Curriculum as a 4 Credit Elective Course.

Decision : **The Academic Council considered and approved for Introduction of Industry Micro-Credential Course titled "Big-Data Driven Power Integrity Signoff in ICs" under Vinod Dham Centre of Excellence for Semiconductors and Microelectronics to be offered as an Elective Course in the B.Tech Curriculum.**

Agenda 42.13 : Revision of Ph.D. Entrance Exam Syllabus for Ph.D Admissions and Revision of Elective Course: MEMS and Sensor Design offered in the Minor in Semiconductors and Microelectronics under Vinod Dham Centre of Excellence for Semiconductors and Microelectronics

It was submitted to the Academic Council that the Board of Studies of the Centre discussed the existing syllabus of the Ph.D. entrance exam for Ph.D Admissions in the Centre and suggested some revisions in the syllabus. Further, it was also discussed about the need of minor changes and revision in the syllabus of MEMS and Sensor Design for the elective course offered by the centre under the Minor in Semiconductors and Microelectronics.

Accordingly, Board of Studies recommended the following for approval of the Academic Council:

i. Revised Ph.D. Entrance Exam Syllabus for Ph.D admissions was placed as annexure in the agenda note.
ii. Revised syllabus of elective course was placed as annexure in the agenda note.

Decision : The Academic Council considered and approved for revision of the followings under Vinod Dham Centre of Excellence for Semiconductors and Microelectronics:

i. **Ph.D. Entrance Exam Syllabus for Ph.D Admissions.**
ii. **Syllabus of Elective Course: MEMS and Sensor Design offered in the Minor in Semiconductors and Microelectronics.**

Agenda 42.14 : **Second Year Syllabus of MBA- IEV (Innovation, Entrepreneurship & Venture Development) programme offered by DSM**

It was submitted to the Academic Council that the framework of the syllabus for the second year of the MBA (IEV) programme was submitted by USME and subsequently approved in the 39th Academic Council meeting held on 19.06.2024. The detailed syllabus for second year was reviewed and approved by the Board of Studies (BoS) in its meeting held on 10.07.2025.

The minutes of BoS meeting held on 10/07/2025 and syllabus were placed as annexure in the agenda note.

Decision : **The Academic Council considered and approved the 2nd Year Syllabus of MBA-IEV (Innovation, Entrepreneurship & Venture Development) programme offered by DSM.**

Agenda 42.15 : **Approval for Participation in Placement and Internship opportunities by MBA (IEV) Students**

It was submitted to the Academic Council that requests were received from students of the MBA (Innovation, Entrepreneurship & Venture Development) programme to participate in DTU's Training & Placement activities. A committee constituted vide Office Order No. F.No. DTU/DSM/2024-25/4024 held its meeting on 10.07.2025 and reviewed the matter.

The committee recommended that placement and internship support may also be extended, on specific requests, particularly in organizations aligned with the programme's vision— such as incubation centres, startups, policy and investment firms, SMEs, and family-run enterprises. Detailed minutes of the Committee is placed as Annexure in Agenda Note.

Decision : **The Academic Council considered and approved for participation in Placement and Internship opportunities by MBA (IEV) Students.**

Agenda 42.16 : **Renaming of the Department of Environmental Engineering to "Department of Environmental Science & Engineering"**

It was submitted to the Academic Council that the Department of Environmental Engineering will be starting the integrated 5-years B.Sc. + M.Sc. course from August, 2025 session and the faculty positions in this regard have already been submitted to the concerned Committee of DTU. Since it is a program of 'Science' as subject, the recruitment rules have also been proposed as per UGC guidelines.

In addition, the department also runs the compulsory course of 'Introduction of Environmental Science (VAC-27)' for all the batches of undergraduate programs, and the subject is essentially a science-based course, thus making it a multidisciplinary department which includes science as well as engineering.

Considering the facts mentioned above, the department faculty proposes to modify/ revise the name of the Department as **"Department of Environmental Science & Engineering"** against the existing name- "Department of Environmental Engineering". It was approved in the Department meeting held on 22.10.2024 and in the Board of Studies meeting held on 15.05.2025.

Decision : The Academic Council considered the matter and recommended to the Board of Management for approval of renaming of the Department of Environmental Engineering to "Department of Environmental Science & Engineering".

Agenda 42.17 : Review of Journals listed in UGC-CARE, Delhi School of Management

It was submitted to the Academic Council that University Grants Commission (UGC) vide Public Notice no 1-1/2018 (CARE/JOURNAL)-Part File dated 11.02.2025, discontinued of UGC-CARE listing of Journals and develop suggestive parameters for choosing peer-reviewed journals by faculty members and academicians. In this regard, a meeting of DRC, DSM was held on 25.04.2025.

The DRC deliberated on the publication requirement for the award of Ph.D degree and recommended the journals for disciplines of Management, Social Sciences and Economics, Innovation Entrepreneurship and Venture Development and Humanities (excluding English)

The minutes of DRC along with list of recommended journals is placed as annexure in the agenda note.

Decision : The Academic Council considered the matter and decided to remove UGC-CARE from the Notification No. DTU/Acad-PG/PhD Notice Circular/2019/2022/11955-61 dated 21.09.2022.

Further, a Committee to be constituted to look into the matter and frame common policy in the matter.

Agenda 42.18 : Review of Journals listed in UGC-CARE, USME, East Delhi Campus.

It was submitted to the Academic Council that University Grants Commission (UGC) vide Public Notice no 1-1/2018 (CARE/JOURNAL)-Part File dated 11.02.2025, discontinued of UGC-CARE listing of Journals and develop suggestive parameters for choosing peer-reviewed journals by faculty members and academicians. In this regard, a meeting of DRC, USME was held on 10.07.2025.

The DRC deliberated on the publication requirement for the award of Ph.D degree and recommended as follows:

1.   The committee recommended the prepared list of peer reviewed journals to meet the mandatory publication requirement for Ph.D scholars in the department for the current batch i.e. all batches till January, 2025 admissions.

2.   The committee recommended constituting a sub-committee to review the entire list of earlier approved journals for the upcoming batches of Ph.D programme in future from July 2025 onwards.

The minutes of DRC along with list of recommended journals is placed as annexure in the agenda note.

Decision : The Academic Council considered the matter and decided to remove UGC-CARE from the Notification No. DTU/Acad-PG/PhD Notice Circular/2019/2022/11955-61 dated 21.09.2022.

Further, a Committee to be constituted to look into the matter and frame common policy in the matter.

Agenda 42.19 : Designation of 'Campus Director' for DTU North Campus

The Academic Council was apprised that the existing infrastructure at both campuses of DTU i.e main campus and East Delhi Campus are not sufficient to meet the targets as envisaged in Strategic Plan 2019-2030 and beyond, Therefore, there was immediate requirement of additional land parcel of approximately 100 acres for creation of additional infrastructure.

Under the direction of Hon'ble LG/Chancellor for identifying the requirement of respective Delhi State Universities and explore possibility of new campuses at Narela Educational Hub, DDA has tentatively marked 50 acres of land for establishment of North Campus of Delhi Technological University in the Narela Educational Hub.

The proposal for setting up North Campus of Delhi Technological University at Narela Educational Hub, allocation of 50 acres of land and 200 EWS flats and allocation of funds for the same, was approved by the Finance Committee and the Board of Management.

Accordingly, the proposal was submitted for allocation of 50 acres of land and about 200 EWS flats for North Campus and hostel accommodation for students respectively. Delhi Development Authority vide letter no. LD/IL/0004/2024/EDN/12-IL-I/1235 dated 11.01.2024, allotted land measuring 47.46 acres in sector G-2/G-6, Narela, Delhi and demanded a sum of Rs.372.68 Cr. as premium for Land and 200 EWS flats.

In this regard, a meeting was held under the Chairmanship of Hon'ble Lt. Governor, Delhi on 16.05.2025 at 05:00 P.M. to discuss the land & flats to be allotted by DDA to various Universities of GNCTD in Edu-City Narela.

Further, a communication has been received from Joint Director (Plg.), DTTE, GNCTD informing that, in view of availability of limited budget in relevant head in current F.Y. 2025-26, DTTE will bear the cost of 30 acres initially out of 47.46 acres allotted to DTU. In the above said meeting, it was decided that DTU will pay Rs. 28 crores for 200 EWS flats allotted to DTU.

The matter was also placed before the Finance Committee, DTU in its 38th meeting held on 26.05.2025. The FC agreed to the cost of flats amounting to Rs. 28 Crores allotted to DTU by DDA to be paid by DTU and recommended for its submission to the Board of Management for its approval. The Board of Management in its 55th meeting held on 27.05.2025 approved the recommendations of the Finance Committee for payment of tentative cost of Rs. 28 Crores flats provisionally allotted to DTU for residential/hostel purposes in Edu-City Narela.

In view of the above development regarding North Campus of DTU, it is imperative that a senior officer be made Incharge of the North Campus as Campus Director to look after the progress for establishment of the Campus. It is, thus, proposed that an administrative post of Campus Director for DTU North Campus be designated in the University.

Office of the Campus Director will have an Associate Campus Director & supporting staff as deemed fit.

Decision : The Academic Council considered and recommended the matter to the Board of Management for approval of designation of 'Campus Director' for DTU North Campus.

Agenda 42.20 : Designation of Director (Ranking) in Delhi Technological University

It was submitted to the Academic Council that ranking is ordering an educational institution by their attainments in various dimensions including teaching, research, graduate outcomes and perception. Higher ranking can help attracting the best students, faculty and collaborating partners. Further, ranking is an important parameter used by various funding agencies and granting bodies.

The University is participating in International and National ranking including Times World University Ranking, QS Ranking, NIRF Ranking (Engineering, Overall, Innovation), India Today University Rankings. Given the importance of ranking a separate division for maintaining and coordinating all kinds of data and information related to ranking. A separate division may be created with a position of Director (Ranking). This will provide better management of data and improve the ranking of the university.

The following will be the roles and responsibilities of Director (Ranking):

1. The Director will be a university ranking administrator for national and international rankings.
2. The Director will be responsible for submitting data, conducting analysis, and communicating the University's rankings results.
3. The Director will be responsible for ensuring that data submitted/updated on the various national and international rankings portals is correct.
4. The Director will provide inputs with rankings in formulating and executing university policies to the benefit of students, faculty, and the University at large.
5. The Director will act in consultation with other University officials to strengthen the University's overall effectiveness.
6. The Director will be responsible for the internal evaluation of the effectiveness of the individual academic departments with the perspective of rankings.
7. Provide leadership to the research and public service commitments of the University.
8. The Director will be responsible for making policies to strengthen the University's research profile and international research network.
9. The Director will be responsible for making policies to improve the reputation of the University.

The Office of Director will have an Associate Director and other supporting staff as deemed fit.

Decision : The Academic Council considered and recommended the matter to the Board of Management for approval.

Agenda 42.21 : Matter for Ratification.

i. **Formal registration of Ph.D. students upon successful completion of course work and comprehensive examinations and approval of research plan by respective DRCs.**

Thirty (30) students have been registered in Ph.D. program upon successful completion of course work and comprehensive examinations and approval of research Plan by respective DRCs. Department-wise list of the registered Ph.D students is as below:

S. No.	Name of Student's	Name of Supervisor's	Date of SRC
Department of Applied Chemistry		
01	Mr. Pradeep Aggarwal, 23/PHDCH/501	Prof. Roli Purwar, (Supervisor) Prof. S. Maji, (Jt-Supervisor)	27.03.2025
02	Mr. Majeed A S Alarjawee, 24/PHDAC/04	Prof. D. Kumar, (Supervisor) Prof. R. K, Gupta, (Jt-Supervisor)	19.05.2025
03	Mr. Yogesh Kumar, 2K21/PHDAC/506	Dr. Manish Jain, (Supervisor) Dr. Deshraj Meena, (Jt-Supervisor)	14.05.2025
04	Ms. Yashaswy, 23/PHDAC/503	Dr. Richa Srivastava (Supervisor) Dr. Prasun Kumar Roy, (Jt.Supervisor)	12.06.2025
Department of Applied Mathematics		
01	Ms. Anju, 23/PHD/AM/508	Prof. Anjana Gupta, (Supervisor) Prof. Sangita Kansal, (Supervisor)	08.05.2025
02	Mr. Pankaj Kumar Sagar, 23/PHDME/02	Prof. Akhilesh Arora,(Supervisor)	30.05.2025
03	Mr. Mukul Sirohi, 23/PHDAM/502	Prof. Naokant Deo, (Supervisor) Prof. Dinesh Khattar, (Jt-Supervisor) DU	28.05.2025
Department of Applied Physics		
01	Mr. Himank Sagar, 23/PHDAP/06.	Prof. Suresh C. Sharma, (Supervisor)	17.04.2025
02	Ms. Priyanka Yadav, 23/PHDAP/507	Prof. Suresh C. Sharma, (Supervisor) Dr. Sonam Rewari, (Jt-Supervisor)	17.04.2025
03	Mr. Yash Yadav, 23/PHDAP/506	Dr. Yogita Kalra. (Supervisor)	02.06.2025
04	Mr. Mohit Kumar 23/PHDAP/07	Dr. Deshraj Meena. (Supervisor) Dr. Mukhtiyar Singh. (Jt-Supervisor)	23.05.2025

05	Mr. Shubham Sharma, 23/PHDAP/501	Dr. Ajeet Kumar. (Supervisor) Dr. Than Singh Saini. (Jt-Supervisor)	02.06.2025

Department of Electronics and Communication Engineering.

01	Mr. Sandeep Tiwari, 2K22/PHDEC/506	Dr. Yashna Sharma, (Supervisor) Dr. Jai Prakash, (Jt-Supervisor)	05.05.2025
02	Mr. Ankit Kumar Sonkar, 23/PHDECE/02	Dr. Yashna Sharma, (Supervisor)	05.05.2025

Department of Electrical Engineering

01	Ms. Mugdha Goel, 23/PHDEE/504	Prof. Dheeraj Joshi (Supervisor)	03.06.2025

Department of Information Technology

01	Mr. Yash Dhingra, 2K22/PHD/IT/04	Dr. Virender Ranga, (Supervisor) Prof. Dinesh Kumar Vishwakarma, (Jt-Supervisor)	24.01.2025

Department of DSM

01	Ms. Ankita Orpa 23/PHD/DSM/09	Dr. Saurabh Agrawal, (Supervisor)	10.06.2025

Department of Mechanical Engineering

01	Mr. Pankaj Kumar Sagar, 23/PHDME/02	Prof. Akhilesh Arora, (Supervisor)	30.05.2025
02	Mr. Anurag Kumar 23/PHDME/06	Prof. Anil Kumar (Supervisor)	06.06.2025
03	Mr. Shiv Prakash Singh, 23/PHDME/03	Prof. Naveen Kumar (Supervisor) Prof. R. C. Singh, (Jt-Supervisor)	30.05.2025

Department of USME

01	Mr. Sagar Dutt Phuloria, 23/PHD/USME/503	Dr. Deepti Aggrawal, (Supervisor) Dr. Kusum Lata, (Jt-Supervisor)	27.03.2025
02	Ms. Manvi Kukreja, 23/PHDUECO/01	Dr. Ratnam Mishra, (Supervisor)	22.04.2025
03	Ms. Meela Rani, 23/PHD/UIEV/02	Dr. Naval Garg, (Supervisor) Dr. Kaushal Kumar, (Jt-Supervisor) (DU)	02.04.2025
04	Mr. Gopal Mohan, 2K20/PHDUIEV/03	Dr. Nidhi Maheshwari, (Supervisor)	08.06.2023

Department of Biotechnology

01	Ms. Pragati Srivastava 23/PHDBT/02	Dr. Navneeta Bharadvaja, (Supervisor)	12.06.2025

Department of Design

01	Ms. Simran Vats, 23/PHD/DES/01	Prof. Ranaganath M Singari, (Supervisor)	18.11.2024

Department of Civil Engineering			
01	Ms. Saloni Singh 23/PHDCE/502.	Prof. T. Vijaya Kumar, (Supervisor) Dr. Ritu Raj, (Jt-Supervisor)	26.03.2025
02	Ms. Ishita Verma, 2K22/PHDCE/01.	Prof. Nerendra Dev, (Supervisor) Prof. Ashok Kumar Gupta, (Jt-Supervisor)	24.03.2025
03	Ms. Geetanshi Panwar, 23/PHDCE/03.	Prof. T. Vijaya Kumar, (Supervisor) Prof. S. Anbu Kumar, (Jt-Supervisor-I) Dr. Rajeev Kumar Mishra, (Jt-Supervisor-II)	26.03.2025
Department of Humanities			
01	Ms. Priya Sharma, 24/PHDHUEG/02	Dr. Saroj Bala, (Supervisor)	09.06.2025

ii. **Allocation of 02 DTU Fellowships for the School of Integrated Learning and Research (SILR).**

Two full-time DTU Fellowships for Ph.D. Programme in the School of Integrated Learning and Research has been allocated to strengthen the research and academic activities of the school. It is pertinent to mention that several other centres at the university have already allocated 2 DTU fellowships. The registration/allocation of two Ph.D. DTU fellowships to SILR, similar to other centres, would greatly support and enhance the school's upcoming interdisciplinary academic and research initiatives of the school.

iii. **Extension to complete M. Tech. Programme.**

It was submitted that a request was received from Mr. Anil Kumar, Roll No. 2K17/GTE/05 Full Time student of M.Tech. (Geotechnical Engineering) programme, Department of Civil Engineering regarding grant of extension to Complete M.Tech. Degree. During the 3rd semester of his M.Tech. Programme, he was selected as an engineer in a Government Department and could not complete his M. Tech. He is presently working as Assistant Engineer in Delhi Development Authority. He has already completed all the exams till 2nd Semester and only two semesters are remaining.

His span period to complete M.Tech. (Full Time) expired in July 2021.
In this regard, it is submitted that a notice has been issued regarding Submission of M.Tech Major Project Reports vide F.No. 212/ Exam/ M.Tech./ Thesis/ 2025/ 4511 dated 09.04.2025.

The last date of thesis submission was 31st May 2025. Now, he has requested to allow him to complete his M.Tech. programme.

The Hon'ble VC, DTU and Chairman of Academic Council has approved the extension to complete M.Tech. Degree and re-registration of third Semester.

1. To Complete 3rd Semester Theory Papers through MOOC online platform NPTEL/ SWAYAM duly approved by the BOS of the Department as per the old Scheme.
2. To allow the student to complete M.Tech. Degree along with requisite fee i.e. Rs. 10,000/- re-registration fee alongwith Rs. 500/- Examination Fee.

iv. Extension for M. Tech. Thesis Submission.

It was submitted that a request has been received from Mr. Jaiveer Yadav, Roll No. 2K17/GTE/10 Full Time student of M.Tech. (Geotechnical Engineering) programme, Department of Civil Engineering regarding grant extension to submit his thesis.

In this regard, he has stated that he has presently working as Assistant Engineer (civil) in Delhi Development Authority. He has already completed all the exams till 3rd Semester and only final major project report submission is pending as on date.

The last date of thesis submission was 31st May 2025. Now, he has requested to allow him to submit his thesis.

The approval of the Hon'ble VC, DTU and Chairman of Academic Council is placed for ratification: -

1. Regarding Extension of Thesis Submission after expiry of Span period for an M.Tech student who has passed all theory papers. However, Mr. Jaiveer Yadav, Roll No. 2K17/GTE/10 has completed all theory papers till 3rd Semester.
2. To allow the student to submit M.Tech. thesis along with requisite fee i.e. Rs. 10,000 re-registration fee alongwith Rs. 500/- Examination Fee.

v. Renaming of the existing acronym of the Vinod Dham Centre of Excellence for Semiconductors and Microelectronics-VDCoE4SM to VDSemiX.

It was submitted that the BoS committee members have discussed to change the existing acronym for the name of the **Vinod Dham Centre of Excellence for Semiconductors and Microelectronics -VDCoE4SM** and agreed upon the new one, i.e., "***Vinod Dham Centre of Excellence for Semiconductors and Microelectronics- VDSemiX***" to make it appear more effective and reflecting a combination of semiconductors and microelectronics. The Competent Authority has also approved the same.

vi. **Renaming the codes of elective courses offered in the basket of Minor in Semiconductors and Microelectronics under the Vinod Dham Centre of Excellence for Semiconductors and Microelectronics.**

It was submitted for ratification that the BoS committee members have deliberated on the need of renaming the codes of various elective courses offered by the centre under the Minor in Semiconductors and Microelectronics as currently courses have the codes of EPXXX which sometimes creates confusion amongst students. The codes of the course being run from under the centre has been changed to SCXXX. These courses are already approved in the 35th meeting of the Academic Council (AC) of the university vide Agenda 35.10. List of courses with the revised codes is placed at *Annexure page 10.*

Decision : The Academic Council ratified the above actions of the University.

Agenda 42.22 : Matter for Information.

i. **Cancellation/ Withdrawal of admission from Ph.D program for the Academic year 2025-26.**

It was submitted for information that the following cancellation/ withdrawal were made in various Ph.D programs for the Academic Year 2025-26. The details are as follows:

Sr. No.	Roll No.	Name of Scholar	Department	Effect from
1	2K20/PHDEN/09	Ms. Mantrana	Environment Engineering	25.06.2025
2	2K21/PHDEN/05	Ms. Meenu Agarwal	Environment Engineering	25.06.2025
3.	2K/22/PHDAP/02	Mr. Dhananjay Kumar Singh	Applied Physic	01.07.2025
4.	24/PHDAP/17	Mr. Nilesh Chandrashekhar Chole	Applied Physic	01.07.2025
5.	23/PHDAP/01	Ms. Ankita	Applied Physic	01.07.2025

ii. **Admission Brochure for the Academic year 2025-26.**

It was informed to the Academic Council that the Admission Brochures of following post-graduate programmes for the Academic year 2025-26 have been published with the approval of the Hon'ble Vice Chancellor:

A. Master of Design (M.Des)
B. B.A. (Economics) & M.A. (Economics)
C. B.SC & M.Sc
D. Ph.D
E. M.Sc
F. M.Tech
G. M.Tech by Research

The brochures were tabled.

iii. Seat matrices for various post-graduate programs and Ph.D.

A. Seat Matrix for M. Tech. (Full Time)

Category	Department/ Branch	AC	AP	BT		CE			MCG	CSE		IT	SE	
		PTE	MST	BIO	IBT	GTE	HRE	STE	GINF	CSE	AI	IT	SWE	DS
		1	2	3	4	5	6	7	8	9	10	11	12	13
GN	GNGN	10	9	10	11	9	10	10	7	11	11	10	10	12
	PwDGN		1		1	1		1		1	1		1	
Total GN Seats		10	10	10	12	10	10	11	7	12	12	10	11	12
SC	SCGN	3	4	4	5	3	2	3	3	5	5	4	3	5
	SC-PwD	1					1							
Total SC Seats		4	4	4	5	3	3	3	3	5	5	4	3	5
ST	STGN	2	2	1	2	2	2	2	1	2	2	2	2	2
	ST-PwD			1										
Total ST Seats		2	2	2	2	2	2	2	1	2	2	2	2	2
OBC	OBCGN	5	6	5	8	7	7	7	4	8	8	6	7	7
	OBC-PwD	1		1				1				1		1
Total OBC Seats		6	6	6	8	7	7	7	5	8	8	7	7	8
EWS	EWSGN	3	3	3	3	3	1	2	2	3	3	2	2	3
	EWS-PwD						1							
Total EWS Seats		3	3	3	3	3	2	2	2	3	3	2	2	3
Total Seats		25	25	25	30	25	24	25	18	30	30	25	25	30
Sponsored (SFT)		5	5	5	5	5	5	5	5	5	5	5	5	5

Category	Department/ Branch	ECE			EE			ENV	ME					Total
		MOC	SPD	VLS	C&I	PSY	PES	ENE	PRD	THE	IEM	ESM	CAAD	
		14	15	16	17	18	19	20	21	22	23	24	25	
GN	GNGN	9	11	9	10	10	11	10	9	10	12	11	11	253
	PwDGN	1		1			1		1			1	1	13
Total GN Seats		10	11	10	10	10	12	10	10	10	12	12	12	266
SC	SCGN	4	2	3	3	3	5	4	3	4	4	5	5	94
	SC-PwD		1			1					1			5
Total SC Seats		4	3	3	3	4	5	4	3	4	5	5	5	99
ST	STGN	2	2	2	2	2	2	2	2	2	1	2	2	47
	ST-PwD										1			2
Total ST Seats		2	2	2	2	2	2	2	2	2	2	2	2	49
OBC	OBCGN	6	6	7	6	7	8	7	7	6	7	8	8	168
	OBC-PwD		1		1					1	1			9
Total OBC Seats		6	7	7	7	7	8	7	7	7	8	8	8	177
EWS	EWSGN	3	2	3	3	1	3	1	3	2	3	3	3	63
	EWS-PwD				1			1						3
Total EWS Seats		3	2	3	3	2	3	2	3	2	3	3	3	66
Total Seats		25	25	25	25	25	30	25	25	25	30	30	30	657
Sponsored (SFT)		5	5	5	5	5	5	5	5	5	5	5	5	125

B. Seat Matrix for M. Tech. (Part Time)

Category	Department/Branch	AC	AP	BT		CE			MCG	CSE		IT	SE	
		PTE	MST	BIO	IBT	GTE	HRE	STE	GINF	CSE	AI	IT	SWE	DS
		1	2	3	4	5	6	7	8	9	10	11	12	13
GN	GNGN	5	5	4	5	5	5	4	5	5	5	5	5	5
	GN-PwD			1			1						1	
Total GN Seats		5	5	5	5	5	5	5	5	6	5	5	6	5
SC	SCGN	2	2	1	2	2	2	2	2	2	2	1	2	2
	SC-PwD													
Total SC Seats		2	2	1	2	2	2	2	2	2	2	1	2	2
ST	STGN	1	1	1	1	1	1	1	1	1	1	1	1	1
	ST-PwD													
Total ST Seats		1	1	1	1	1	1	1	1	1	1	1	1	1
OBC	OBCGN	2	2	4	3	4	3	3	4	3	3	4	3	3
	OBC-PwD	1	1				1							
Total OBC Seats		3	3	4	3	4	4	3	4	3	3	4	3	3
EWS	EWSGN	1	1	2	1	1	1	1	1	1	1	1	1	1
	EWS-PwD									1				
Total EWS Seats		1	1	2	1	1	1	1	1	2	1	1	1	1
Total Seats		12	12	13	12	13	13	12	13	13	12	12	13	12

Category	Department/Branch	ECE			EE			ENE	ME					Total
		MOC	SPD	VLS	C&I	PSY	PES	ENE	PRD	THE	IEM	ESM	CAAD	
		14	15	16	17	18	19	20	21	22	23	24	25	
GN	GNGN	4	5	5	5	5	5	5	5	5	5	5	4	121
	GN-PwD	1					1						1	6
Total GN Seats		5	5	5	5	5	6	5	5	5	5	5	5	127
SC	SCGN	2	2	2	2	2	2	1	2	2	1	2	1	45
	SC-PwD										1		1	2
Total SC Seats		2	2	2	2	2	2	1	2	2	2	2	2	47
ST	STGN		1	1	1	1	1		1	1		1	1	22
	ST-PwD						1							1
Total ST Seats		0	1	1	1	1	1	1	1	1	0	1	1	23
OBC	OBCGN	4	3	3	3	3	3	3	3	3	4	4	3	80
	OBC-PwD								1					4
Total OBC Seats		4	3	3	3	3	3	3	4	3	4	4	3	84
EWS	EWSGN	1	1	2	2	1	1	2	1	1	1	1	1	29
	EWS-PwD		1											2
Total EWS Seats		1	2	2	2	1	1	2	1	1	1	1	1	31
Total Seats		12	13	13	13	12	13	12	13	12	12	13	12	312

C. Seat Matrix for M. Tech. by Research

Department Category	AC	AP	BT	CE	CSE	EE	ECE	ENE	IT	MCG	ME	SE
General	6	6	6	6	6	6	6	6	6	6	6	6
OBC	3	3	3	3	3	3	3	3	3	3	3	3
EWS	1	1	1	1	1	1	1	1	1	1	1	1
SC	1	1	1	1	1	1	1	1	1	1	1	1
ST	1	1	1	1	1	1	1	1	1	1	1	1
Total	12	12	12	12	12	12	12	12	12	12	12	12

D. Seat Matrix for M. Sc.

Seat Matrix for M.Sc.Category	Department/ Branch	AM	AP	AC	BT	MSCGS	Total
		Mathematics	Physics	Chemistry	Biotech.	Multidisciplinary Centre for Geoinformatics	
GN	Open	22	23	22	22	10	109
	PwD	1	1	1	1	1	
	Defence CW	1	1	1	1	1	
Total Gen Seats		24	25	24	24	12	
SC	SC	8	8	8	8	4	41
	SC-PwD	0	1	0	1	0	
	Defence CW	1	0	1	0	1	
Total SC Seats		9	9	9	9	5	
ST	ST	4	3	4	5	2	20
	ST-PwD	1	0	0	0	0	
	Defence CW	0	1	0	0	0	
Total ST Seats		5	4	4	5	2	
OBC	OBC	15	15	15	14	8	73
	OBC-PwD	1	0	1	1	0	
	Defence CW	0	1	1	1	0	
Total OBC Seats		16	16	17	16	8	
EWS	EWS	5	5	5	5	3	27
	EWS-PwD	0	1	1	0	0	
	Defence CW	1	0	0	1	0	
Total EWS Seats		6	6	6	6	3	
Total Seats		60	60	60	60	30	270

E. Seat Matrix for Integrated B. Sc. & M. Sc.

Category	Department/ Branch	AC Chemistry	AM Mathematics	AP Physics	BT Biotech.	HU Economics
General	Open	10	10	10	10	10
	PwD	01	01	01	01	01
	Defence CW	01	01	01	01	01
Total Gen Seats		**12**	**12**	**12**	**12**	**12**
SC	SC	05	04	05	04	05
	SC-PwD	--	—	--	01	--
	Defence CW	--	01	--	--	--
Total SC Seats		**05**	**05**	**05**	**05**	**05**
ST	ST	02	02	02	02	02
	ST-PwD	--	—	--	--	--
	Defence CW	--	—	--	--	--
Total ST Seats		**02**	**02**	**02**	**02**	**02**
OBC	OBC	07	08	07	08	07
	OBC-PwD	01	—	--	—	01
	Defence CW	--	—	01	—	—
Total OBC Seats		**08**	**08**	**08**	**08**	**08**
EWS	EWS	03	03	03	03	03
	EWS-PwD	--	--	--	—	--
	Defence CW	--	--	--	—	—
Total EWS Seats		**03**	**03**	**03**	**03**	**03**
Total Seats		**30**	**30**	**30**	**30**	**30**
Kashmiri Migrants (KM)		1	1	1	1	1
Single Girl Child (SGC)		1	1	1	1	1
Total Seats (All Categories)		**32**	**32**	**32**	**32**	**32**

F. Seat Matrix for Ph.D

	Name of the Department	Discipline Offered by the Departments	Code of the Department	Tentative total available Seats with DTU Fellowship
1	Applied Chemistry	1. Chemistry	AC	5
		2. Chemical Engineering		1
2	Applied Physics	1. Physics	AP	10
		2. Engineering Physics		1
3	Applied Mathematics	1. Mathematics	AM	5
		2. Mathematics and Computing		1
4	Biotechnology	1. Biotechnology	BT	3
5	Design	1. Design	DS	0
6	Delhi School of Management	1. Management	DSM	9
7	Civil Engineering	1. Civil Engineering	CE	6
8	Computer Science and Engineering	1. Computer Science and Engineering	CSE	20
9	Electronics & Communication Engineering	1. Electronics and Communication Engineering	ECE	13
10	Electrical Engineering	1. Electrical Engineering	EE	12
		2. COE-EVRT		2
11	Environmental Engineering	1. Environmental Engineering	ENE	3
12	Mechanical Engineering	1. Mechanical Engineering	ME	10
13	Information Technology	1. Information Technology	IT	12
14	Software Engineering	1. Software Engineering	SWE	8
		2. Computer Science		4
15	Humanities	1. Economics	HUM	1
		2. English		1
16	USME	1. Management	USME	3
		2. Economics		2
		3. Innovation Entrepreneurship & Venture Development		1
17	MCG	Geoinformatics	MCG	2
18	CESH	Science of Happiness	CESH	2
19	VDSemiX	Semiconductor and Microelectronics	VDSemiX	2
20	Nodal Centre of Excellence in Energy Transition	Energy Science and Engineering	NCEET	2
	Total			**141**

G. Seat Matrix for EMBA-DSA

Category	No. of Seats	Total Seats
GNGN	10	12
GNCW	1	
GNPD	1	
SCGN	5	5
SCCW	0	
SCPD	0	
STGN	2	2
STCW	0	
STPD	0	
OBGN	8	8
OBCW	0	
OBPD	0	
EWGN	3	3
EWCW	0	
EWPD	0	
TOTAL	30	30

H. Seat Matrix for MA (Economics)

Category		Number of Seats
General (GN)	Open	22
	PwD	1
	Defence (CW)	1
Total GN Seats		**24**
SC	SC	9
	SC-PwD	0
	SC-Defence (CW)	0
Total SC Seats		**9**
ST	ST	5
	ST-PwD	0
	ST-Defence (CW)	0
Total ST Seats		**5**
OBC	OBC	14
	OBC-PwD	1
	OBC-Defence (CW)	1
Total OBC Seats		**16**
EWS	EWS	6
	EWS-PwD	0
	EWS-Defence (CW)	0
Total EWS Seats		**6**
Single Girl Child		**1**
Kashmiri Migrant		**1**
Total Seats		**62**

I. Seat Matrix for M. Design

Category	Specialization	AM Product Design	AP Interaction Design	AC Visual Communication	Total
GN	Open	5	6	6	
	PwD	1	0	0	
Total Gen Seats		**6**	**6**	**6**	**18**
SC	SC	2	3	2	
	SC-PwD	0	0	0	
Total SC Seats		**2**	**3**	**2**	**7**
ST	ST	1	1	1	
	ST-PwD	0	0	0	
Total ST Seats		**1**	**1**	**1**	**3**
OBC	OBC	4	4	3	
	OBC-PwD	0	0	1	
Total OBC Seats		**4**	**4**	**4**	**12**
EWS	EWS	2	1	2	
	EWS-PwD	0	0	0	
Total EWS Seats		**2**	**1**	**2**	**5**
Total number of Seats		**15**	**15**	**15**	**45**

The Academic Council noted the above information.

Agenda 42.23 : Any other item with the permission of the Chair

Suppl. Agenda 42.24 : Collaborative initiatives as per MoU between Delhi Technological University (DTU) and South Asian University (SAU)

It was submitted to the Academic Council that Delhi Technological University (DTU) and South Asian University (SAU) have entered into a landmark Memorandum of Understanding (MoU) to institutionalize a collaborative partnership on advancing research and development, academic excellence, sustainability initiatives, and digital innovation. This strategic alliance seeks to capitalize on the complementary strengths of both institutions to catalyse ground-breaking innovation, enhance capacity-building endeavours, and propel initiatives of shared strategic value. The MoU establishes a robust framework for multifaceted cooperation, including joint research ventures, cross-institutional faculty and student exchange programs, capacity-enhancing workshops, specialized training modules, and synergistic academic engagements.

In align with the MoU directives, a dedicated Committee was constituted by DTU and SAU to ensure the seamless and impactful execution of these collaborative initiatives.

An online meeting of following members was held on 10-07-2025 to discuss further course of action:

1. Prof. Rahul Katarya, Nodal Officer, DTU
2. Dr. Reshma Rastogi, Nodal Officer, SAU
3. Prof. Kavita Khanna, Director, Admission and Examination, SAU
4. Dr. Virender Ranga, Associate Professor, Department of Information Technology (IT) (Member), DTU
5. Dr. Rinkoo Devi Gupta, Associate Professor, FLSB, SAU
6. Dr. Deepali Malhotra, Assistant Professor, Delhi School of Management (DSM) (Member), DTU
7. Dr. Snigdha Agrawal, Assistant Professor, Department of Computer Science and Engineering (CSE) (Member), DTU
8. Dr. Pooja Gupta, Assistant Professor, Department of Computer Science and Engineering (CSE) (Member), DTU
9. Dr. Moirangthem Biken Singh, Assistant Professor, Department of Computer Science and Engineering (CSE) (Member), DTU
10. Ms. Gull Kaur, Assistant Professor, Department of Computer Science and Engineering (CSE) (Member), DTU
11. Ms. Sumedha Seniaray, Assistant Professor, Department of Applied Mathematics (AM) (Member), DTU

The Committee recommended the followings for approval of the Academic Council:

1. Development and adoption of MOOC/online courses for student enrolment across both institutions with their credits transfer as per admitted university rules and regulations.
2. Co-delivery of a Research Methodology curriculum, jointly designed and taught by faculty from DTU and SAU with their credits transfer as per admitted university rules and regulations.
3. Joint supervision of Ph.D. scholars to foster interdisciplinary research and academic mentorship with their credits transfer as per admitted University Rules and Regulations.

Decision : The Academic Council considered and approved the recommendations of the Committee for collaborative initiatives as per MoU between Delhi Technological University (DTU) and South Asian University (SAU) with advise that the proposed joint courses should be cross-listed in both the universities.

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

(Prof. Narendra Kumar)
Registrar

ANNEXURE
to Minutes

42nd meeting of

Academic Council,

DTU

25-07-2025

Shahbad Daulatpur, Bawana Road, Delhi-110042

DELHI TECHNOLOGICAL UNIVERSITY

ACADEMIC (PG)

Agenda 42.6 Scheme and Syllabus of M.Tech. program (Full Time & Part Time) as per NEP 2020

Presented by:
Prof. Rinku Sharma, Dean (Acad- PG)

Decision in 39th AC & Further Updation

- <u>Decision taken in Agenda 39.8</u>: Admission modalities in M.Tech. programs and the revised M.Tech. Scheme & Syllabus as per National Education Policy (NEP) 2020 were approved.

- The scheme received from different departments was reviewed and observed the variations. A committee was constituted to evaluate the schemes and make it uniform.

—1—

Contd….

- The committee has recommended and revised the schemes for all M.Tech. programs. The upgradations made are placed below for information:

- For various types of courses such as core course, elective course, skill enhancement course, audit courses, open elective courses, etc., a scheme of course codes has been formulated to maintain uniformity across all programs. The course scheme has been duly approved by the Board of Studies (BOS) of the respective department.

- In addition, a template of syllabus has been prepared incorporating the Course Outcomes (CO's) and CO-PO articulation matrix to enhance awareness of Outcome based Education.

Syllabus Format

Course code: Course Title	Course Structure			Pre-Requisite
	L	T	P	

Course Objective:

S. No.	Course Outcomes (CO)
CO1	
CO2	
CO3	
CO4	
CO5	

CO-PO Articulation Matrix				
COs	PO1	PO2	PO3	POs ....
CO1				
CO2				
CO3				
CO4				
CO5				
....				

Three values 1/2/3 (1 indicates low, 2 indicates medium, and 3 indicates high) can be filled for CO-PO articulation matrix. As per NBA, there are three standard POs that are given below.

Program Outcomes
PO1: An ability to independently carry out research/investigation and development work to solve practical problems
PO2: An ability to write and present a substantial technical report/document
PO3: Students should be able to demonstrate a degree of mastery over the area as per the specialization of the program. The mastery should be at a level higher than the requirements in the appropriate bachelor program

Note: Program may add up to three additional POs approved by BOS of the department.

S. No.	Content	Contact Hours
Unit 1		
Unit 2		
Unit 3		
Unit 4		
Unit 5		
....		
....		
	Total	

REFERENCES

S. No.	Name of Books/Authors/Publishers	Year of Publication / Reprint*
1		
2		
3		

*. Latest edition of the title of author may please be listed.

ABBREVIATIONS

- **Self-Study Course** can be offered in two ways in the first semester:
  - Seminar – Department coordinators must take the choice of students who opt for seminar with code XXX551.
  - MOOC – The student can complete MOOC course from online platform such as NPTEL/SWAYAM with code XXX553.
- **Skill Enhancement Course 1** – Department have provided rich basket of Skill Enhancement Courses approved by the Department BOS.
- **Skill Enhancement Course – 2/ Industrial Training** – The students can opt for a skill enhancement courses or industrial training as a part of scheme. The evaluation of students who opted industrial training must be scheduled immediately within one week from the last date of industrial training.
- **University Core Course (UCC)** - Research Methodology and IPR, compulsory core course at University level. The course will be coordinated by DSM centrally and shall provide faculty for the same.

- **Audit Course** - AICTE has provided a list of eight audit courses in the AICTE Model Curriculum. The list of the courses with the assigned code and LTP hours are as below:

S.No	Code	Audit Course Name
1	UEC501	English for Research Paper Writing (L: 2, T: 0, P: 0)
2	UEC503	Disaster Management (L: 2, T: 0, P: 0)
3	UEC505	Sanskrit for Technical Knowledge (L: 2, T: 0, P: 0)
4	UEC507	Value Education (L: 2, T: 0, P: 0)
5	UEC509	Constitution of India (L: 2, T: 0, P: 0)
6	UEC511	Pedagogy Studies (L: 2, T: 0, P: 0)
7	UEC513	Stress Management by Yoga (L: 1, T: 0, P: 2)
8	UEC515	Personality Development through Life Enlightening Skills (L: 2, T: 0, P: 0)
9	UEC517	Indian Music (L:1,T:0,P:2)
10	UEC519	Sports and Rehabilitation(L:1,T:0,P:2)
11	UEC521	Multi-Dimensional Economic Indices for Developing World(L:1,T:0,P:2)

In case, the department wants to offer any other audit course, the respective department must get approval for the additional audit course from the Department BOS. Audit courses will be centrally coordinated by Centre of Excellence in science and Happiness.

- **Open Elective (OXX601):** Each department must give only one open elective course of an interdisciplinary nature. The open elective course offered by the respective department acts as an open elective for the students of other departments. In OXX601, XX stands for department abbreviation. The abbreviation of all the departments is as follows:

S. No.	Abbreviation for XX	Department Name
1.	AC	Applied Chemistry
2.	AM	Applied Mathematics
3.	AP	Applied Physics
4.	BT	Biotechnology
5.	CE	Civil Engineering
6.	CS	Computer Science and Engineering
7.	EC	Electronics and Communication Engineering
8.	EE	Electrical Engineering
9.	EN	Environment Engineering
10.	IT	Information Technology
11.	ME	Mechanical Engineering
12.	MG	Multidisciplinary Centre for Geoinformatics
13.	SE	Software Engineering

SCHEME FOR FULL TIME PROGRAM

SEMESTER I					
Code	Type	Credits	L-T-P	Total Credits	Level
XXX501	Core	4	3-1-0/3-0-2/2-1-2/2-0-4/ 1-0-6/0-1-6/0-0-8		
XXX503	Core	4	3-1-0/3-0-2/2-1-2/2-0-4/ 1-0-6/0-1-6/0-0-8		
XXX505	Core	4	3-1-0/3-0-2/2-1-2/2-0-4/ 1-0-6/0-1-6/0-0-8		
XXX507	Core	4	3-1-0/3-0-2/2-1-2/2-0-4/ 1-0-6/0-1-6/0-0-8		
XXX511/XXX513/ XXX515/XXX517/ XXX519/XXX571/ XXX573/XXX575/ XXX577/XXX579	Departmental Elective-1	4	3-1-0/3-0-2/2-1-2/2-0-4/ 1-0-6/0-1-6/0-0-8	24	500-599*
XXX551/ XXX553	Self-Study/ MOOC	2			
XXX541	Skill Enhancement Course 1	2	1-1-0/1-0-2/2-0-0/0-0-4		
UEC5YY	Audit Course	0	1-1-0/1-0-2/2-0-0/0-0-4		

SEMESTER II					
Code	Type	Credits	L-T-P	Total Credits	Level
XXX502	Core	4	3-1-0/3-0-2/2-1-2/2-0-4/ 1-0-6/0-1-6/0-0-8		
XXX504	Core	4	3-1-0/3-0-2/2-1-2/2-0-4/ 1-0-6/0-1-6/0-0-8		
XXX520/XXX522/ XXX524/XXX526/ XXX528/XXX560/ XXX562/XXX564/ XXX566/XXX568	Departmental Elective-2	4	3-1-0/3-0-2/2-1-2/2-0-4/ 1-0-6/0-1-6/0-0-8		
XXX530/XXX532/ XXX534/XXX536/ XXX538/XXX580/ XXX582/XXX584/ XXX586/XXX588	Departmental Elective-3	4	3-1-0/3-0-2/2-1-2/2-0- 4/ 1-0-6/0-1-6/0-0-8	24	500-599*
UCC502	Research Methodology and IPR	4	3-1-0		
XXX540/XXX542	Industrial Training/ Skill Enhancement Course 2	4	3-1-0/3-0-2/2-1-2/2-0-4/ 1-0-6/0-1-6/0-0-8		
			NHEQF Level		6.5

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SEMESTER III					
Code	Type	Credits	L-T-P	Total Credits	Level
XXX601	Core	4	3-1-0/3-0-2/2-1-2/2-0-4/ 1-0-6/0-1-6/0-0-8		
OXX601	Open Elective	4	3-1-0/3-0-2/2-1-2/2-0-4/ 1-0-6/0-1-6/0-0-8	16	600-699*
XXX603	Minor Project/ Research Thesis/ Patent	8	-		
SEMESTER IV					
Code	Type	Credits	L-T-P	Total Credits	Level
XXX602	Major Project/ Research Thesis/ Patent	16	-	16	-
				NHEQF Level	7.0

SCHEME FOR PART TIME PROGRAM

SEMESTER I				
Type	**Credits**	**L-T-P**	**Total Credits**	**Level**
Core	4	3-1-0/3-0-2/2-0-4/0-0-8		
Core	4	3-1-0/3-0-2/2-0-4/0-0-8	12	500-599*
Core	4	3-1-0/3-0-2/2-0-4/0-0-8		
SEMESTER II				
Type	**Credits**	**L-T-P**	**Total Credits**	**Level**
Core	4	3-1-0/3-0-2/2-0-4/0-0-8		
Core	4	3-1-0/3-0-2/2-0-4/0-0-8	12	500-599*
Departmental Elective-2	4	3-1-0/3-0-2/2-0-4/0-0-8		
			NHEQF Level	6.5

SEMESTER III				
Type	**Credits**	**L-T-P**	**Total Credits**	**Level**
Core	4	3-1-0/3-0-2/2-0-4/0-0-8		
Departmental Elective-1	4	3-1-0/3-0-2/2-0-4/0-0-8		
Self-Study	2	-	12	500-599
Skill Enhancement Course 1	2	-		
Audit Course	0	0-0-2		
SEMESTER IV				
Type	**Credits**	**L-T-P**	**Total Credits**	**Level**
Departmental Elective-3	4	3-1-0/3-0-2/2-0-4/0-0-8		
Research Methodology and IPR	4	3-1-0/3-0-2/2-0-4/0-0-8	12	500-599
Skill Enhancement Course 2/ Industrial Training	4	-		
			NHEQF Level	6.5

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SEMESTER V				
Type	Credits	L-T-P	Total Credits	Level
Core	4	3-1-0/3-0-2/2-0-4/0-0-8	16	600-699*
Open Elective 1	4	3-1-0/3-0-2/2-0-4/0-0-8		
Minor Project/Research Thesis/Patent	8	-		
SEMESTER VI				
Type	Credits	L-T-P	Total Credits	Level
Major Project/Research Thesis/Patent	16	-	16	-
			NHEQF Level	7.0

The Academic Council may consider and approve the schemes of M Tech programs as per the NEP 2020 to be effective from the AY 2024-25

THANK YOU !

Academic- PG Branch

Prof. Rinku Sharma

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DELHI TECHNOLOGICAL UNIVERSITY
(Vinod Dham Centre of Excellence for Semiconductors and Microelectronics)

As approved in 35th Academic Council vide Agenda 35.1), the list of basket of courses under the Minor in Semiconductors and Microelectronics for B.Tech students is placed below and currently these courses have the code: EPXXX which sometimes create confusion amongst the students. The codes of the course being run from under the centre may hence be changed to: SCXXX.

Core Courses			Elective Courses		
Old Course Code	New Course Code	Course Title	Course Code	New Course Code	Course Title
EP317	SC301	Advanced Semiconductor Device Physics	EP328	SC306	Semiconductor Optoelectronics
EP324	SC302	Compact Modeling and Process Simulation of Semiconductor Devices	EP429	SC401	Next Generation Semiconductor Materials
				SC402	Memory Design
EP321	SC303	Advanced Wafer Processing	EC431 (Discontinued)	SC403	MEMs and Sensor Design
EP326	SC304	Advanced Chiplets Packaging and Reliability Engineering	EC415		System On Chip Design
			EC408		Low Power VLSI Design