DELHI TECHNOLOGICAL UNIVERSITY

MINUTES

of

46th Meeting

ACADEMIC COUNCIL

Date : 10.10.2026

Time : 11:30 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/102/2026/869 Date : 21/10/2026

Minutes of the 46th meeting of the Academic Council held in hybrid mode on 10.10.2026 at 11:30 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. Shashi K. Dhiman, Himachal Pradesh University, Summer Hill, Shimla
3. Prof. Pami Dua, Department of Economics, University of Delhi (through online mode)
4. Prof. Anuj Dhawan, Deptt. of Electrical Engineering, Indian Institute of Technology, Delhi (through online mode)
5. Prof. Rajeshwari Pandey, Dean, Faculty Affairs
6. Prof. Rinku Sharma, Dean, Academic-PG
7. Prof. Dinesh Chutani, Dean, Academic-UG
8. Prof. Girish Kumar, Dean, R&D
9. Prof. Vishal Verma, Dean, Alumni & International Affairs
10. Prof. S. Indu, Dean, Digital Education
11. Prof. S.G. Warkar, Dean, Student Welfare
12. Prof. Ram Singh, Dean, Student Discipline
13. Prof. Mini Sreejeth, Dean, Outreach & Extension Activities
14. Dr. Nupur Srivastava, Controller of Examinations
15. Prof. Narendra Kumar, Head, Department of Electrical Engineering
16. Prof. Neeta Pandey, Head, Department of E&C Engineering
17. Prof. Ruchika Malhotra, Head, Department of Software Engineering
18. Prof. B.B. Arora, Head, Department of Mechanical Engineering
19. Dr. Saroj Bala, Head, Department of Humanities
20. Prof. Ramesh Srivastava, Head, Department of Applied Mathematics
21. Prof. Devendra Kumar, Head, Department of Applied Chemistry
22. Prof. Vinod Singh, Head, Department of Applied Physics
23. Dr. Saurabh Agrawal, Head, Department of Delhi School of Management
24. Prof. Yasha Hasija, Head, Department of Biotechnology
25. Prof. Dinesh Vishwakarma, Head, Department of Information Technology
26. Prof. Anil Singh Parihar, Head, Department of Computer Science & Engg.
27. Prof. Amit Mookerjee, Head, USME
28. Dr. Geeta Singh, Head, Environmental Science & Engineering
29. Prof. K.C. Tiwari, Head, Department of Geospatial Science & Technology
30. Sh. P.V. Ram Kumar, Associate Professor, Mechanical Engineering
31. Dr. Yashna Sharma, Assistant Professor, Electronics & Communication
32. Sh. Binod Doley, Registrar and Member Secretary

Agenda 46.1 : Opening Remarks by the Chairperson.

The Hon'ble Vice Chancellor, Chairperson of the Council welcomed the newly nominated members Prof. Pami Dua, Department of Economics, University of Delhi, Prof. Pankaj Srivastava, Deptt. of Applied Physics, IIT, Delhi and Prof. Anuj Dhawan, Deptt. of Electrical Engineering, IIT, Delhi. He also 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:

The **Seva First Innovation Challenge 2026** was launched on 19 September 2026 at DTU by **Shri Ashish Sood Ji, Hon'ble Minister of Education, Government of NCT of Delhi.** This national level challenge, anchored by DTU for the northern region, invites young Indians to observe problems in their own surroundings and carry them through a structured journey of ideation, design, prototyping, validation and deployment. The event commenced with the inauguration of the Innovation Exhibition by the Hon'ble Education Minister, who interacted with various student teams and appreciated the innovative prototypes developed by them.

Delhi Technological University (DTU) was honoured to welcome **Dr. Nirmaljeet Singh Kalsi, IAS (Retd.)**, Former Chairperson, National Council for Vocational Education and Training (NCVET), Government of India, and Former Additional Chief Secretary, Government of Punjab, as the **Keynote Speaker** at the workshop on ***"NCrF-Aligned Curriculum Design for Flexible, Multidisciplinary and Inclusive Pathways."***

Delhi Technological University through its Centre for Technology Enhanced Learning (CTEL) under the Department of Digital Education, inaugurated the first batch of the **Online Certificate Program, Advanced Program in Renewable and Sustainable Energy** with an orientation session attended by university leaders, industry experts, faculty members, and participants from India and abroad.

Delhi Technological University through its Centre for Technology Enhanced Learning (CTEL) under the Department of Digital Education, inaugurated the first batch of the **Online Certificate Program, Leadership program on CSR, ESG and Corporate Sustainability** with an orientation session attended by university leaders, industry experts, faculty members, and participants from India and abroad.

Delhi Technological University celebrated **Excellence in Research, innovation and knowledge creation at the Research & Innovation Excellence Awards 2026**, held on 18 September, 2026. The event was graced by **Dr. Shivkumar Kalyanaraman, CEO, Anusandhan National Research Foundation (ANRF)**, as the Chief Guest, and Prof. Shantanu Bhattacharya, Director, CSIR-Central Scientific Instruments Organisation (CSIO), as the Guest of Honour.

On 7th October, DTU brings together engineering and literature for a special seminar — "Equations, Codes, and Stories: The Surprising Overlap Between Engineering and Literature." Keynote by renowned physicist and author Prof. H.C. Verma, Panel discussion with DTU faculty and students, and Book Launch of the Duology The Unforgiving Stars by author, IIT alumnus and Air Force veteran Dr. Rajiv Seth were the attractions of the event.

Delhi Technological University (DTU) proudly announces the successful launch and completion of its **first Industry Micro-Credential Course in Semiconductor Design**, marking a significant step towards strengthening industry-academia collaboration and advancing semiconductor skilling in India.Offered through the **Vinod Dham Centre of Excellence for Semiconductors and Microelectronics (VDSemiX) in academic partnership with ANSYS-Synopsys.**

AllSecureX has been selected as one of the NASSCOM Emerge50 Award 2026 winners. Chosen from more than 800 deep-tech startups from across the country, AllSecureX has earned a place among India's Top 50 most promising technology ventures. The award was presented at the NASSCOM Emerge50 Awards 2026, held in Bengaluru alongside the Government of Karnataka, recognizing startups driving innovation through cutting-edge science, engineering, and technology.

Delhi Technological University (Formerly DCE) proudly inaugurated the **3rd Summer School on AI: Deep Dive into Deep Learning, 2026**, organized by the Machine Learning Research Laboratory (MLRL) under the Department of Computer Science and Engineering.

Delhi Technological University proudly welcomed the incoming undergraduate batch on 27 July through its Orientation-cum-Induction Programme 2026, marking the beginning of a transformative academic journey for over 2,600 newly admitted students. The Chief Guest was Chief Guest **Dr. Kiran Bedi**, former Lieutenant Governor of Puducherry and India's first woman IPS officer; Guest of Honor **Brigadier Dr. Gautam Ganguly**, VSM, SM (Retd.), Force Commander (Retd.), NSG; and Guest of Honor **Shri Karnal Singh**, former Director of the Enforcement Directorate.

The Centre for Extension and Field Outreach (CEFO), Delhi Technological University (Formerly DCE), successfully organized **Exploring Engineering 2026** from 20–25 July 2026, welcoming nearly 200 school students for an immersive six-day journey into the world of engineering.

The 9th edition of the Distinguished Speaker Series at Delhi Technological University was held on 19 August 2026, with **Vice Admiral Deepak Kapoor,** Indian Navy Veteran, Ati Vishisht Seva Medal, and former Controller of Logistics at the Indian Navy, as the Distinguished Speaker.

Delhi Technological University (Formerly DCE) hosted **Smt.Nidhi Bansal, Outstanding Scientist & Director, TDF, DRDO**, Ministry of Defence, Govt. of India, and **Dr. Ram Prakash, Additional Director, TDF, DRDO**, for an engaging interaction on R&D, innovation, entrepreneurship and defence technology on 19th August.The programme showcased innovative work by DTU startups and student technology teams, along with faculty-led defence-related research initiatives.

A research team from the Department of Civil Engineering, Delhi Technological University (DTU), has been honoured with the Jury Special Award at the 5th CE&CR Annual Awards 2026. **Ms. Khyati Saggu,** Doctoral Research Scholar and her supervisors **Prof. Shilpa Pal** and **Prof. Nirendra Dev**, received the award in the category "Outstanding Research Paper in Civil Engineering" for their research paper titled "**Evaluating the Bonding Compatibility of Lime and Cement Mortars with Historical Mortars."**

We are delighted to share the successful completion of the three-day 'Campus Immersion' for DTU's first online program'Leadership Program in CSR, ESG and Corporate Sustainability (LPCECS)'**. During 11-13 Sept 2026.**

We are delighted to share the encouraging response to APRSEM, an Online Certificate Programme at Delhi Technological University (DTU), connecting renewable energy technologies with project development, management, and sustainability. The campus immersion program was successfully completed during 25-27 Sept 2026.

Patents Awarded

1. A Smart Headphone With Surrounding Awareness For Accident Prevention By Dr. Ruchika Malhotra, Dr. Sanjay Patidar, Dr. Krishan Walia, Dr. Raajshekhar Rajan, Dr. Gaurav Mishra
2. "System For Progressive Contextual Trajectory Prediction" Neha Sharma, Chhavi Dhiman, And S. Indu
3. "AI-Driven Configuration Clustering And Blockchain Privacy System" Dr. Sonal Gandhi, Dr Pallavi Ranjan And Dr Ankur.

4. "Photothermal Absorber Device Using Sweet Lime Peel-Based Biochar For Solar Water Evaporation Applications" 1. Karothiya Krishna Kumar, 2. K. Manjunath, 3. Mishra R. S.
5. "System And Method For Detecting Fire-Prone Areas Using An Unmanned Aerial Vehicle" Has Been Successfully Granted" Dr. Dinesh Kumar Vishwakarma, Dr. Virendra Ranga, Dr. Sumit Kumar Sharma, Dr. Abhishek Verma
6. "System And Method For Adaptive Multi-Factor Biometric Authentication With Dynamic Obfuscation" Dr. Rajeev Kumar And Dr. Sanjay Kumar
7. "Biosensor Device For Label-Free Detection Of Biomolecules And Method Thereof" Dr Deva Nand, Dr Sonam Rewari, Amit Yadav, Snehalatha Yadav, Apurva Kaul And Shivani Yadav.
8. "Testing System And Method For Calibration And Efficiency Assessment Of Developed Tilt Sensor" Prof Amit Kumar Srivastava And Mr Abhishek Kumar Paswan
9. "System And Method To Engage A Player In A Game Simulation" Dr Rajeev Kumar And Mr Ayush Kumar
10. "System And Method For Prioritized Data Delivery" Dr Rajeev Kumar And Mr Ajith Kumar Yadav
11. "System And Method For Lithium/Sodium Melting For Enhanced Electrode–Electrolyte Interface Engineering" Dr Amrish Kumar Panwar And Mr Sharad Singh Jadun.

MOU Signed

1. With the objective of establishing a **Centre of Excellence (CoE) in Geospatial Technologies, with a special emphasis on GeoAI**, Delhi Technological University (DTU), signed a Memorandum of Understanding (MoU) on **June 25, 2026 with Esri** India, a leading provider of Geographic Information System (GIS) software, location intelligence, and mapping solutions in India,
2. The **Ministry of Statistics and Programme Implementation (MoSPI)**, Government of India, through GoIStats, and **Delhi Technological University** (DTU), formerly known as Delhi College of Engineering (DCE), signed a Memorandum of Understanding (MoU) to foster **collaboration in the areas of training, capacity building, research, innovation, and knowledge sharing in the field of official statistics.**
3. **T**he Department of Applied Chemistry, Delhi Technological University is delighted to announce the signing of a Memorandum of Understanding (MoU) with **Delhi Pharmaceutical Sciences and Research University (DPSRU), marking the beginning of a promising partnership in research, innovation, and academic excellence. On 4th August 2026.**

4. Delhi Technological University (DTU) and CSIR–Central Scientific Instruments Organisation (CSIR-CSIO) have signed a Memorandum of Understanding (MoU) to strengthen academic, research, training, and skill-development collaboration between the two premier institutions.
5. On 14th August 2026 Delhi Technological University (DTU) is pleased to announce the signing of a Memorandum of Understanding **(MoU) with Deepmindz Innovations Pvt. Ltd.** The MoU **aims to strengthen industry–academia collaboration in the fields of Artificial Intelligence, Data Science, and other emerging technologies** through joint research, technology development, innovation, training, proof-of-concept projects, and opportunities for faculty and students to translate research and ideas into real-world solutions.
6. **Delhi School of Management,** Delhi Technological University is pleased to announce the signing of a Memorandum of Understanding (MoU) with **Bajaj Auto Foundation** on 27th August 2026, marking a significant step towards strengthening industry–academia collaboration and creating meaningful learning and skill-development opportunities for students. The MoU will facilitate collaboration in the area of financial services and BFSI skills, including the proposed BOLD: Certification Course in BFSI Skills, aimed at enhancing students' industry readiness, financial knowledge and employability.
7. Delhi Technological University and the **FEDERATION OF INDIAN EXPORT ORGANISATIONS (FIEO)**, New Delhi, signed an MoU on 30 September 2026 at DTU to strengthen collaboration in research, training, knowledge exchange, internships and professional development, with a special focus on emerging opportunities in global trade and technology.

Celebrations

- Delhi Technological University enthusiastically observed the 2026 International Day of Yoga. Through the practice of yoga, the event brought together students, faculty, staff, and members of the university community to promote mental wellness, physical fitness, and a healthy lifestyle.
- Delhi Technological University (Formerly DCE) organized a Mega Tree Plantation Drive under the "Mission 70 Lakh Tree Plantation Campaign – Delhi Green Warriors" to promote environmental sustainability on July 7, 2026.
- Delhi Technological University (Formerly DCE) celebrated the 6th Anniversary of the National Education Policy (NEP) 2020 on 29 July 2026, organized by the IQAC and NEP Cell under the aegis of the Institution's Innovation Council (IIC).
- The IAStructE DTU Student Chapter, Department of Civil Engineering, Delhi Technological University, in association with the Industry Supported Lab by Hilti India Pvt. Ltd., celebrated Engineers' Day on 15th September 2026.

- Delhi Technological University celebrated the 80th Independence Day of India with fervour and patriotic spirit. The celebrations commenced with the hoisting of the National Flag, followed by the National Anthem. The celebrations were enriched by spirited performances by the wards of faculty and staff members, bringing a vibrant national flavour to the occasion. The university's student societies, including Madhurima and Nrityangna, along with the NCC contingent and others, added to the patriotic spirit through their performances. A special theatrical presentation by Group Fitoor, centred on the journey and significance of women's empowerment in India, further highlighted the nation's social transformation and the power of its people.
- Delhi Technological University (DTU) celebrated National Sports Day from 28 to 30 August 2026 with great enthusiasm and active participation from students, faculty, and staff. The three-day celebration was organized to commemorate the birth anniversary of Major Dhyan Chand, one of India's greatest sporting legends, and to promote the values of fitness, discipline, teamwork, and sportsmanship among the DTU community.
- Delhi Technological University (Formerly DCE) celebrated **World Teachers' Day** on **5 October 2026**, recognising the invaluable contribution of teachers in shaping minds, nurturing character and building the future of society. The celebration was graced by Prof Yogesh Singh, Hon'ble Vice Chancellor, University of Delhi, as the Chief Guest, and Prof. Prateek Sharma, Hon'ble Vice Chancellor, DTU. The event brought together distinguished retired faculty members of DTU, Deans, Directors, Heads of Departments and faculty members, making it a meaningful celebration of the University's rich academic legacy.

Workshops and webinars and FDP and Lecture Series

1. The Department of Computer Science & Engineering, Delhi Technological University in association with the Institution's Innovation Council (IIC), DTU, successfully organized a one-day workshop on "Using AI for Fundraising and Investor Pitch Preparation" on 19th August 2026.
2. Delhi Technological University through its Vinod Dham Centre of Excellence for Semiconductor & Microelectronics (VDSemiX), in association with the IEEE Electronics Packaging Society (EPS) Delhi Chapter, organized a One-Day Awareness Workshop on "IPR & Semiconductor Technologies" on 10 September 2026.The programme brought together expert insights and first-hand research exposure, with a carefully designed two-part engagement.
3. The Department of Environmental Science and Engineering, Delhi Technological University (DTU), in collaboration with the Green Institute for Research and Development (GIRD), and with the support of the Ministry of Earth Sciences, Government of India, organized a National Seminar on World Ozone Day 2026 on 16 September 2026 on the theme "Beyond the Shield: Bridging Ozone Recovery & Climate Action," the seminar brought together eminent academicians, scientists, environmental experts, researchers, faculty members, and students to discuss ozone-layer

protection, climate action, environmental sustainability, and scientific collaboration.

4. The Department of Applied Physics, Delhi Technological University (DTU), in association with the Office of the Dean (Outreach & Extension Activities), organised an outreach activity on 25 September 2026 for 25 selected students of Rukmini Devi Public School, Pitampura, accompanied by their science faculty member, Mrs. Priyanka Dhawan.
5. Delhi Technological University organized "Welcome & Connect – A Welcome Programme for New Faculty, Officers & Staff" at the Dr. B. R. Ambedkar Auditorium. The programme was conceived with the vision of welcoming and motivating our young faculty and newly joined colleagues, while helping them connect with the University, its people, culture and larger institutional vision.

Industrial visit

1. The Vinod Dham Centre of Excellence for Semiconductors and Microelectronics (VDSemiX), Delhi Technological University (Formerly DCE), in collaboration with the Department of Applied Physics, DTU, organized an industrial visit to STMicroelectronics, Greater Noida on 19 August 2026 for students of B.Tech. Electrical Engineering, Engineering Physics, and Electronics & Communication Engineering.

Sponsored Project

1. Delhi Technological University proudly congratulates Dr. Rajeev Kumar Mishra, Associate Professor, Department of Environmental Science and Engineering, on receiving a Sponsored Research Project Grant for:"Performance Evaluation of Mechanical Road Sweeping Technologies for Dust Mitigation in Delhi"The project is funded by the Commission for Air Quality Management (CAQM), NCR.

Awards and Honours

1. **Prof. Shilpa Pal**, Professor, Department of Civil Engineering, Delhi Technological University has received the **"ENGINEER OF YEAR (FEMALE) AWARD"** on 26th September 2026 on the occasion of ENGINEERS DAY celebration of **Concrete Engineers Association** in a ceremony held at Constitution Club of India, Delhi.

2. Dr. Rajeev Kumar, Assistant Professor, Delhi Technological University has been awarded the **INSA Visiting Scientist Fellowship 2026–27** for collaborative research at IIT Guwahati

Agenda 46.2 : Confirmation of the minutes of the 45th meeting of Academic Council held on 24.06.2026

The minutes of the 45th meeting of Academic Council held on 24.06.2026 were circulated among all the members vide forwarding letter number F.No. DTU/Council/AC/96/2026/797 dated 14.07.2026. Minutes of 45th meeting held on 24.06.2026 were placed as annexure in the Agenda note.

No comments were received from any of the members.

Decision : The Academic Council confirmed the minutes of its 45th meeting held on 24.06.2026.

Agenda 46.3 : Action taken report on the decisions taken in the 45th meeting of the Academic Council

Minutes of the 45th meeting of Academic Council held on 24.06.2026 were circulated to members and concerned officers for further necessary action. Action Taken Report on the decisions taken in the 45th meeting of the Academic Council is as below:

Item No.	Agenda Item	Decision Taken	Action Taken Report
45.1	Opening remarks by the Chairperson.	Noted.	Matter of record.
45.2	Confirmation of the minutes of the 44th meeting of Academic Council held on 26.02.2026.	The Academic Council confirmed the minutes of its 43rd meeting held on 24.11.2025.	Matter of record.
45.3	Action taken report on the decisions taken in the 44th meeting of the Academic Council.	The Academic Council took the Action Taken Report on record	Matter of record.
45.4	Academic Calendar for all UG, PG & Ph. D. Programs for the Academic Year 2026-2027.	Academic Council considered and approved the Academic Calendar for all UG, PG & Ph. D. programs for the Academic Year 2026-2027.	The academic Calendar has been notified vide no. 105(641)DTU/Acad-UG/2018-19/21447-53 dated 15.07.2026.
45.5	Proposal to start new Industry Micro credential Generic Elective Course (Open Elective) "CD301/ CD302 Applied Entrepreneurship and Venturing" under Centre for Community Development and Research (CCDR).	The Academic Council considered and approved the proposal to start new Generic Elective Course (Open Elective) "CD301/CD302 Applied Entrepreneurship and Venturing" as Industry Linked Skill Course under Centre for Community Development and Research (CCDR) as per the discussion above	The course has been floated and is currently being offered to about 80 UG students.
45.6	Introduction of new program B.Tech in Mechanical and Automation Engineering.	The Academic Council considered and recommended the matter to the Board of Management for introduction of the new programme, B.Tech in Mechanical and Automation with the stipulation that the evaluation scheme of the program shall conform to the generic scheme of evaluation of the University.	Implemented in the Department of Mechanical Engineering.

45.7	Revision of B.Tech in Production & Industrial Engineering (PIE) scheme	The Academic Council considered and approved the revision of curriculum scheme of B.Tech in Production & Industrial Engineering (PIE) with the stipulation that the evaluation scheme of the program shall conform to the generic scheme of evaluation of the University	Implemented in the Department of Mechanical Engineering.
45.8	Minor Degrees in "Robotics and Automation" and "Industry 4.0 & Industrial Internet of Things".	The Academic Council considered and suggested that a Committee of Dean, Academic-UG, Controller of Examination and concerned Head of the Department may review the proposal and recommend appropriate title for the proposed Minor Degrees in "Robotics and Automation" and "Industry 4.0 & Industrial Internet of Things".	Implemented in the Department of Mechanical Engineering.
45.9	Nomenclature change for faculty positions from "Polymer Science and Chemical Technology" to "Chemical Engineering"	The Academic Council considered and recommended the matter to the Board of Management for approval of change of nomenclature for faculty positions from "*Polymer Science and Chemical Technology*" to "*Chemical Engineering*".	Notified vide notification no. F.DTU/ Council/ BOM-Notification/ 71/ 2026/ 846 on 16.09.2026 after approval of Board of Management in its 60th meeting held on 25.08.2026.
45.10	Renaming of "Department of Applied Chemistry" to "Department of Chemical Science and Engineering".	The Academic Council considered and recommended the matter to the Board of Management for approval of renaming of "Department of Applied Chemistry" to "Department of Chemical Science and Engineering".	Notified vide notification no. F.DTU/ Council/ BOM-Notification/ 71/ 2026/ 826 on 10.09.2026 after approval of Board of Management in its 60th meeting held on 25.08.2026.
45.11	Approval of scheme/syllabus for various courses/programs in the Department of Applied Chemistry	The Academic Council considered and approved the proposed schemes and syllabus for various courses/programs in the Department of Applied Chemistry with the stipulation that the evaluation scheme for all the courses shall conform to the generic scheme of evaluation of the University.	Decision of Academic Council has been implemented.

45.12	Approval of scheme/syllabus for various courses of B.Tech Chemical Engineering	The Academic Council considered and approved the proposed scheme/syllabus of B.Tech Chemical Engineering with the stipulation that the schemes shall conform to the generic scheme of evaluation of the University.	Decision of Academic Council has been implemented.
45.13	Approval of change of nomenclature of B.Tech. Information Technology (Cyber Security) to B.Tech. Cyber Security and Revision of Syllabus and Scheme.	The Academic Council considered and approved the revision of syllabus and scheme of B.Tech. Information Technology (Cyber Security) program. Further, the Council advised to retain the existing name of the program for better placement and admission prospective.	Action has been initiated for implementation of the revised scheme and syllabus. The admission process and other academic activities are being processed accordingly.
45.14	Approval of Revision of Syllabus and Scheme of B.Tech Information Technology program.	The Academic Council considered and approved the revision of syllabus and scheme of B.Tech. Information Technology program with stipulation that the schemes should be as per the generic scheme of evaluation of the University.	The revised scheme and syllabus are being implemented. Necessary action regarding admission and preparation of time table is being undertaken as per the approved scheme and syllabus.
45.15	Revision in scheme & syllabus and increase in the intake from 25 to 30 seats of M.Tech. Information Technology program.	The Academic Council considered and approved the enhancement of the intake from 25 to 30 seats of the M.Tech. Information Technology program from the academic year 2027-28 and approved the proposed revised scheme and syllabus of M.Tech. Information Technology program.	Necessary action has been initiated for implementation of the revised scheme and syllabus and increased intake from 25 to 30. The admission process and related academic arrangements are being processed accordingly.
45.16	Scheme and Syllabus of 3rd to 5th year of Integrated B.Sc. & M.Sc. in Mathematics.	The Academic Council considered and approved the proposed scheme and syllabus of 3rd to 5th year of Integrated B.Sc.& M.Sc. in Mathematics.	Scheme and Syllabus of 3rd to 5th year of Integrated B.Sc. & M.Sc. in Mathematics have been implemented.
45.17	Scheme and Syllabus of 3rd and 4th year for Integrated B.Sc. & M.Sc. program in Biotechnology.	The Academic Council considered and approved the Scheme and Syllabus of 3rd and 4th year for Integrated B.Sc. & M.Sc. Program in Biotechnology.	Scheme and Syllabus of 3rd and 4th year for Integrated B.Sc. & M.Sc. program in Biotechnology have been implemented.

45.18	Minor revision of the syllabi of MSBT-2063: Neurosciences and IMSBT-205: Human Anatomy & Physiology in the department of Biotechnology.	The Academic Council considered and approved the minor revision in the syllabi of MSBT-2063: Neurosciences and IMSBT-205: Human Anatomy & Physiology in the department of Biotechnology.	Revised syllabi of MSBT-2063 and MSBT-205 have been implemented.
45.19	Introduction of a new non-credit course titled "Indian Knowledge System in Biotechnology" for the B.Tech 7th Semester.	The Academic Council considered and approved the syllabus of the new non-credit course titled "Indian Knowledge System in Biotechnology" from academic session 2026-2027.	Implemented.
45.20	To approve the Erasmus+ KA171 Inter-Institutional Agreement (IIA) Template for International Academic Collaboration under Erasmus+ Programme.	The Academic Council considered and recommended the matter to the Board of Management for adoption of the Erasmus+ KA171 Inter-Institutional Agreement (IIA) Template for facilitating international collaborations with European Universities under the Erasmus+ Programme with effect from the Academic Year 2026–27.	Emails have been forwarded to eligible foreign universities for initiating and entering into Erasmius+ KA171 partnership.
45.21	Provision for eligible students of 7th and 8th Semesters of B.Tech program to undergo Six-Month Internship	The Academic Council considered and approved the provision for eligible students of 7th and 8th Semesters of B.Tech program to undergo Six-Month Internship. The Academic Council also considered and approved shifting of for the audit course Indian Knowledge system to VI semester for students admitted in AY 2024-25 onwards.	A notification vide no. F.No.105(1112) DTU/ Acad-UG/ SS/ 2023-24/ 21513-21 dated 22.07.2026 has been issued for implementation.
45.22	Approval of 02-Credit Course-Specific Micro-Credentials initiatives, including Workshops, Short-Term Courses, Faculty Development Programs and Training Modules.	The Academic Council considered and advised to resubmit the agenda as per the decision of Academic Council in agenda number 45.5 of this meeting.	The matter has been resubmitted in this 46th meeting.

45.23	Revision of "Vision" and "Mission" statements of Delhi Technological University.	The academic council considered and recommended the matter to the Board of Management for revision of "Vision" and "Mission" statements of Delhi Technological University.	Notified vide notification no. F.DTU/ Council/ BOM-Notification/ 71/ 2026/ 847 on 16.09.2026 after approval of Board of Management in its 60th meeting held on 25.08.2026.
45.24	Starting of new program M.Sc. Applied Psychology (with two specialization of Clinical & Counselling Psychology and Organizational Behavior).	The Academic Council considered and recommended the matter to the Board of Management for in principle approval for starting of M.Sc. Applied Psychology (with two specialization of Clinical & Counselling Psychology and Organizational Behaviour) in Centre of Excellence for Science of Happiness.	Requirement of infrastructure and man-power is submitted to competent authority.
45.25	New 2-credit Value Added Course on "Digital Wellness" for undergraduate students, in addition to the existing basket of value added courses.	The Academic Council considered and approved to include a 2-credit Value Added Course on "Digital Wellness" for undergraduate students, in addition to the existing basket of value added courses.	The course has already been introduced since August 2026.
45.26	Introduction of "Happiness & Mental Well-Being" course for PG programs under UEC (Audit Course) and also as a 2-credit course for Ph.D program.	The Academic Council considered and approved for introduction of "Happiness & Mental Well-Being" course for PG programs under UEC (Audit Course) and also as a 2-credit course for Ph.D program.	The course has already been introduced since August 2026.
45.27	Revision/updation of UG scheme and Syllabi of Department of Electrical Engineering.	The Academic Council considered and approved the revision/updation of UG scheme and syllabi of Department of Electrical Engineering.	The revised/updated scheme and syllabus of UG program have been implemented. In the Department of Electrical Engineering
45.28	Modification in the scheme of 2nd year B.Tech. Electronics Engineering (VLSI Design & Technology) courses and relevant syllabi.	The Academic Council considered and approved the modification in the Scheme and Syllabi of the 2nd Year B.Tech. Electronics Engineering (VLSI Design & Technology) Programme, as proposed.	Approved modifications in scheme and syllabi have been implemented from the odd semester of academic year 2026-27.

45.29	Introduction of New Elective Courses in B.Tech. (ECE).	The Academic Council considered and approved for inclusion of CMOS Analog Integrated Circuits an Memory Design as electives in the B.Tech (ECE) curriculum, as proposed.	The approved elective courses EC 319 and EC 429 have been offered to students during the odd semester of academic year 2026-27.
45.30	Introduction of Industry Linked Skill courses: 'EC321 Railway Signal Engineering', 'EC323 Conceptual Frameworks for Chip Verification using System Verilog and Intelligent Prompts' and 'EC330 Automatic Train Protection System' in the B.Tech (ECE) curriculum.	The Academic Council considered and approved for introduction of Industry Linked Skill courses: 'EC321 Railway Signal Engineering', 'EC323 Conceptual Frameworks for Chip Verification using System Verilog and Intelligent Prompts' and 'EC330 Automatic Train Protection System' in the B.Tech (ECE) curriculum.	The approved Industry Linked Skill courses: EC321 and EC323 have been offered to students. Both courses have been undertaken by 3rd year students of B.Tech ECE in odd semester of academic year 2026-27.
45.31	Revision in the syllabus and course outcomes of the course Communication Systems (EC 209) being taught as a part of the B.Tech (ECE) curriculum.	The Academic Council considered and approved the revisions in the syllabus and course outcomes of the course Communication Systems (EC 209), as proposed.	Revised syllabus of the course EC209 has been implemented during the odd semester of academic year 2026-27.
45.32	Introduction of 03 new VACs on Indian Knowledge System (IKS) in the Department of Electronics and Communication Engineering.	The Academic Council considered and approved the introduction of 03 new VACs on Indian Knowledge System (IKS) in the Department of Electronics and Communication Engineering.	One out of 3 approved Value Added Courses (VAC) on IKS has been offered to students of 7th Semester during the Academic Year 2026-27.
45.33	Revisions in the syllabus of the course VLS 505 'Semiconductor Devices and Modelling' being taught in M.Tech. (VLS) for the Academic Year 2026-27 onwards.	The Academic Council considered and approved the revisions in the syllabus of the course VLS 505 (Semiconductor Devices and Modelling), as proposed.	Revised syllabus of VLS505 has been implemented from the odd semester of Academic Year 2026-27.
45.34	Approval of Recruitment Rules (RRs) and Recruitment Guidelines for department of Geospatial Science and Technology	The Academic Council considered and recommended the matter to the Board of Management for approval of the Recruitment Guidelines and the Recruitment Rules for Assistant Professors in Geospatial Science and Geospatial Technology for the Department of Geospatial Science and Technology including the revised age criteria.	The recruitment branch is progressing the recruitment as per the RRs approved.

45.35	Lateral absorption of medically boarded-out cadets from Pre-Commission Training Institutes / Establishments of Indian Army imparting technical training to cadets into UG programs at Delhi Technological University.	The Academic Council considered and recommended the matter to the Board of Management for approval.	The guidelines have been notified vide notification no. F.DTU/ Council/ BOM-Notification/ 71/ 2026/ 848 on 16.09.2026 after approval of Board of Management in its 60th meeting held on 25.08.2026. The Indian Army has been informed about the decision and they will initiate further action before the next admissions.
45.36	Proposal for reserved vacancies for Indian Army Personnel in various PG programs offered at Delhi Technological University and conduct of Specially Curated Courses.	The Academic Council considered and recommended the matter to the Board of Management for approval of the proposal to reserve vacancies for Indian Army personnel in various PG programs offered at Delhi Technological University (DTU) and for conduct of specially curated short courses/capsules as requested by IA.	The Indian Army has been informed about the decision and they will initiate further action before the next admissions.
45.37	Renaming of the Department of Humanities to the "Department of Humanities and Social Sciences".	The Academic Council considered and recommended the matter to the Board of Management for renaming of the Department of Humanities to *"Department of Humanities and Social Sciences"*.	Notified vide notification no. F.DTU/ Council/ BOM-Notification/ 71/ 2026/ 827 on 10.09.2026 after approval of Board of Management in its 60th meeting held on 25.08.2026.
45.38	Syllabus for 3rd Year of Integrated B.Sc. & M.Sc. (Economics) program in the Department of Humanities.	The Academic Council considered and approved the syllabus for 3rd Year of Integrated B.Sc & M.Sc. (Economics) program. Further, the Academic Council advised to formulate the scheme in consultation with Dean, Academic-PG and Controller of Examination.	The approved syllabus of the 3rd year Integrated MSc Program in Economics has been provided to the faculty members responsible for teaching classes of 3rd year students of the IMSc program.
45.39	Approval of Indian Knowledge System (IKS) in Environmental Engineering course for B.Tech. program in the Department of Environmental Science & Engineering.	The Academic Council considered and approved Indian Knowledge System (IKS) in Environmental Engineering course for B.Tech. program in the Department of Environmental Science & Engineering.	Decision of Academic Council has been implemented.

45.40	Revision of Eligibility criteria and rationalization of seat intake in B.Tech. under Continuing Education for working professional for AY 2026-27 onwards.	The Academic Council considered and approved the revision of eligibility criteria and rationalization of seat intake in B.Tech. under Continuing Education for working professional for AY 2026-27 onwards.	Decision of Academic Council has been implemented.
45.41	Scheme and syllabus of the 5-year Integrated B.Sc. & M.Sc. (Physics) program.	The Academic Council considered and approved the scheme and syllabus for the 5-year Integrated B.Sc. and M.Sc. (Physics) program offered by the Department of Applied Physics.	The approved scheme and syllabus have been implemented from August 2026.
45.42	Syllabus of MBA (Business Analytics) program in Delhi School of Management.	The Academic Council considered and approved the proposed syllabus of the MBA (Business Analytics) program in Delhi School of Management.	The approved syllabus and scheme of MBA (Business Analytics) program have been implemented in DSM.
45.43	Revision/finalization of scheme and syllabus of various programs in the Department of Computer Science & Engineering.	The Academic Council considered and approved the revision of scheme and syllabus for B.Tech Computer Science and Engineering proposed at (ii) above. The Council advised to review the rest of the above proposal and resubmit the same after consultation with other stakeholders. Further, the Academic Council advised that whenever any revision/updation in scheme or syllabus is proposed, following should be documented as the part of the proposal invariably: 1. Basis of revision 2. Students feedback 3. Input from Training and Placement cell 4. Input from relevant industry	(i) A meeting was conducted with all the stakeholders and all agreed to stick with the already proposed scheme and syllabus for B.Tech CSE (Data Science & Analytics) 2nd year, which was floated during 45th Academic Council meet. The Mintes of Meeting has been sent/referred to the Dean (UG). (ii) The scheme is being implemented. (iii) The meeting regarding same held in presence of Dean PG, Controller of Examination where all issues were addressed except subject code fixation. In this regard a meeting is again scheduled on 05.10.26 to discuss the only remaining issue of subject code fixation.

			(iv) The meeting regarding same held in presence of Dean PG, Controller of Examination where all issues were addressed except subject code fixation. In this regard a meeting is again scheduled on 05.10.26 to discuss the only remaining issue of subject code fixation.
45.44	Proposal for establishment of a new "Centre of Excellence for Artificial Intelligence (AI)" in the Department of CSE.	The Academic Council considered and recommend the matter to the Board of Management for in-principle approval for establishment of a new "Centre of Excellence for Artificial Intelligence (AI)" in the Department of CSE. Further, the Academic Council advised that the administrative structure and other operational details be framed and placed before the Academic Council for consideration.	In accordance with the advice of the Academic Council, the administrative structure and other operational details are being formulated and are in process.
45.45	Proposal for starting a new undergraduate program, B.Tech in Computer Science and Engineering–Artificial Intelligence, under the Department of Computer Science and Engineering.	The Academic Council considered and recommended the matter to the Board of Management for in-principle approval for starting a new undergraduate program, B.Tech in Computer Science and Engineering–Artificial Intelligence, under the Department of Computer Science and Engineering.	Approval from the Board of Management has been obtained. The remaining modalities for implementation of the proposed programme are in process.
45.46	Revised guidelines for the Citation Award under Research & Innovation Excellence Awards (RIEA).	The Academic Council considered and recommended the matter to the Board of Management for approval of the revised Guidelines for the Citation Award under Research & Innovation Excellence Awards (RIEA).	Revised guidelines have been notified vide notification no. F.DTU/ Council/ BOM-Notification/ 71/ 2026/ 849 on 16.09.2026 after approval of Board of Management in its 60th meeting held on 25.08.2026.
45.47	Introduction of a Double Major Track for B.Tech. students with Economics as the second Major from Academic Year 2026-27.	The Academic Council considered and approved the introduction of a Double Major Track for B.Tech. students with Economics as the second Major from Academic Year 2026-27	The program has been launched and the admissions have been completed with all seats filled. First semester is underway.

		along with syllabus of 1st year course ECC 101 with following advise: 1. Provision of 'Exit' option for the students to be worked out. 2. The students choosing the option of Double-Major track should be sentisized from beginning.	
45.48	Discontinuation of Summer Semester and institution of Supplementary Examination System w.e.f. Academic Year 2026-27.	The Academic Council considered and agreed in-principle and recommended the matter to the Board of Management for approval of discontinuation of Summer Semester and institution of Supplementary Examination System w.e.f. Academic Year 2026-27. Further, the Council advised to work out the operational modalities and authorized the Chairperson, Academic Council to accept the same.	Notified vide notification no. DTU/Council/BOM-Notification/71/2025/809 dated 29.07.2026.
45.49	Matter for ratification: i. Annual Fee Structure for the student/International students seeking admission in the Academic Session 2026-27 at DTU. ii. Provision of admission in M.Tech Part – Time Programme and converting it to Supernumerary seats as M.Tech Part - Time Mode. iii. Formal registration to following Ph.D students upon successful completion of course work and comprehensive examinations and approval of research plan by respective DRCs. iv. Admission Brochure for the Academic year 2026-27.	The Academic Council ratified the actions of the University.	Matter of Record

	v. Commencement of certificate course of six weeks titled as "Applied AI, Data Analytics and Entrepreneurship". vi. Amendment in Age Criteria in the recruitment rules for the posts of Assistant Professor, Associate Professor and Professor in DTU. vii. Revision of Recruitment Regulations for the post of Assistant Professor in all the concerned departments of DTU. viii. Implementation of Flexible Cadre Structure in DTU.		
45.50	Matter for Information: i. Seat Matrix of various programs for the year 2026-27. ii. Cancellation/withdrawal made in Ph.D programme for the Academic Year 2025-26.	The Academic Council noted the information.	Matter of record.
45.51	Any other item with the permission of the Chair. Revision of Guidelines for Utilization of Research Faculty Development Fund (RFDF).	The Academic Council considered and recommended the matter to Board of Management for approval of the revised Guidelines for Utilization of Research Faculty Development Fund (RFDF).	Revised guidelines have been notified vide notification no. F.DTU/ Council/ BOM-Notification/ 71/ 2026/ 850 on 16.09.2026 after approval of Board of Management in its 60th meeting held on 25.08.2026.

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

Agenda 46.4 : Conferment of degrees on the graduands who have successfully completed the requirements prescribed under the ordinances of the University during AY 2024-25 & 2025-26

It was submitted to the Academic Council that 12th Convocation of the University is scheduled to be held on 22.10.2026. Degrees are to be conferred to the graduands who have successfully completed requirements prescribed under the ordinances of the University. Program-wise number of eligible graduands till date are as follows:

S.No.	Programme	Qualified in AY 2024-2025 & 2025-2026 considered till 22-05-2026*	Qualified in AY 2025-2026 beyond 22.05.2026 @	TOTAL
1	Bachelor of Arts(Hons.) (Economics)	150	1	151
2	Bachelor of Arts(Hons/Research) (Economics) (4th Year Extension)		18	18
3	Bachelor of Arts (Exit option after 3 years from the 4 year program)		4	4
4	Bachelor of Business Administration	158	1	159
5	Bachelor of Business Administration (4th Year Extension)		17	17
6	Bachelor of Business Administration (Exit option after 3 years from the 4 year program)		101	101
7	Bachelor of Design (BDES)	100	98	198
8	Bachelor of Technology (BTECH)	2440	2296	4736
9	Bachelor of Technology (Continuing Education) (BTPT)	96	74	170
	UG (Sub Total) (A)	**2944**	**2610**	**5554**

S.No.	Programme	Qualified in AY 2024-2025 & 2025-2026 considered till 22-05-2026 *	Qualified in AY 2025-2026 beyond 22.05.2026 @	Total
1	Master of Arts(Economics) (MA)	54	46	100
2	Master of Business Administration (MBA)	261	253	514
3	Master of Business Administration (Executive) (Data Science and Analytics) (UEMBA)	13	12	25
4	Master of Business Administration (Innovation, Entrepreneurship and Venture Development) (IMBA)	10	15	25
5	Master of Business Administration (Business Analytics) (BMBA)	26	38	64
6	Master of Business Administration(Executive) (EMBA)	36	34	70
7	Master of Design (MDES)	29	32	61
8	Master of Science (MSC)	195	230	425
9	Master of Technology (MTECH)	261	345	606
10	Master of Technology (Part Time) (MTPT)	1	13	14
11	Master of Technology(By Research) (MTR)		29	29
	PG (Sub Total) (B)	**886**	**1047**	**1933**
1	Doctor of Philosophy (Ph.D) **(C)**	213	62	275
	Grand Total (A+B+C)	**4043**	**3719**	**7762**

* Includes Qualified in AY 2024-2025 and placed in 43rd AC Meeting dated 24-11-2025.

@ Ph.D Data is mentioned considered from 12 March 2026 to till date

All UG and PG programmes data given for AY 2024-25 and 2025-2026. List of graduands eligible for award of degree in 12th Convocation-2026 was placed at ***Annexure Book*** separately and the same will be tabled.

Decision : The Academic Council considered and recommended to the Board of Management for approval of conferment of degrees on the graduands who have successfully completed the requirements prescribed under the ordinances of the University.

Agenda 46.5 : Approval of the Course-Specific Micro and Skill Credentials Initiatives, Including Workshops, Short-Term Courses (STCs), Faculty Development Programs (FDPs), and Training Modules

It was submitted to the Academic Council that SILR proposed to approve the course-specific micro and skill credentials initiatives, including Workshops, Short-Term Courses (STCs), Faculty Development Programs (FDPs), and Training Modules, to be aligned with the National Credit Framework (NCrF).

According to NCrF guidelines, skill-based, training-based, and capacity-building academic engagements may be assigned credits based on Notional Learning Hours (NLH), allowing learners to accumulate and register these credits in their Academic Bank of Credits (ABC).

Rationale for Proposal

1. To bring DTU's learning ecosystem in alignment with NCrF and NEP-2020.
2. To formally recognise the academic value of structured training, workshops, and FDPs.
3. To enhance lifelong learning pathways for students, research scholars, faculty, and working professionals.
4. To ensure national-level standardisation, transparency, and mobility of credits.

Proposed Framework

After extensive discussion, approval and recommendation of the committee vide meeting notice F.No.105(989)DTU/Acad-UG/2022-23/21073-76 dated 21/01/26, and minutes of the 45th meeting of academic council, the proposed framework is as follows:

1. Credit Structure for Micro and Skill-Credential Courses

The committee approved the following credit–duration equivalence, aligned with NCrF norms:

Particulars	Micro-credential	Skill-credential			
	One Week (One Credit)	One Week (Two Credits)	Two Weeks (Two Credits)	Three Weeks (Three Credits)	Four Weeks (Four Credits)
Expert Lectures	10 – 12 hrs	18– 22 hrs	18– 22 hrs	28 – 32 hrs	38– 42 hrs
Tutorial	2 – 4 hrs	3 – 6 hrs	3 – 6 hrs	6 – 8 hrs	8 – 10 hrs
Hands On Tasks (If required in lieu of Tutorials)	4 – 6 hrs	8 – 10 hrs	8 – 10 hrs	12 – 18 hrs	16– 24 hrs
Industrial Presentation/ Industrial Visits (Optional)	1 – 2 hrs	2 – 4 hrs	2 – 4 hrs	3 – 6 hrs	3 – 6 hrs
Examination	1– 2 hrs	2– 3 hrs	2– 3 hrs	3– 4 hrs	3– 4 hrs

2. Attendance Requirement

- A minimum of 75% attendance shall be mandatory for eligibility to earn credits.
- This requirement is in accordance with DTU academic regulations and NCrF emphasis on active participation.

3. Evaluation and Assessment Framework

The committee recommended a structured, transparent, and outcome-oriented evaluation process, as detailed below:

Evaluation Component	Weightage
Continuous Course Assessment (CCA)	50%
End-Course Assessment(ECA)	50%

A. Continuous Course Assessment (CCA): Suggestive continuous assessment components may include:

- Quizzes
- Short assignments
- Reflective notes
- Problem-solving tasks
- Hands-on tasks
- Field-based activities

B. **End-Course Assessment (ECA)** shall consist of following components based on the nature of the course

(a) Written examination
AND
Any one or more of the following:
(b) Hands-on tasks/ Laboratory work
(c) Oral examination/ Viva-voce
(d) Skill / competency demonstration
(e) Submission of a brief report, portfolio, or logbook

4. Passing Criteria and Credit Award

- Credits shall be awarded only upon securing:
  - o Minimum 35% marks overall, and
  - o Minimum 35% marks in each assessment component
- Failure to meet the minimum criteria in any component shall result in non-award of credit.
- The grade for the course shall be awarded based on absolute grading scheme of DTU

5. Certification

The certificate issued to participants shall clearly mention:

- Course name
- Duration
- Credits awarded
- Summary of assessment components

6. Guidelines for University Authority

a. A university level standing committee comprising of the followings shall guide/monitor and coordinate the micro and skill-credential courses related activities of all the departments:
   (i) Dean (UG),
   (ii) Dean (PG),
   (iii) Advisor/Dean (SILR),
   (iv) Controller of Examination,
   (v) Convener- Member nominated by Dean (UG)

b. The standing committee may co-opt faculty members as per the short-term courses opted by students, to coordinate activities pertaining to micro and skill-credential courses (if required)/ and submit award list in DTU Performa to Result Section.

Decision : The Academic Council considered and deferred the proposal.

Agenda 46.6 : Scheme and Syllabi for Integrated B.Sc.-M.Sc. Programme (for Fifth Year) in Biotechnology

It was submitted to the Academic Council that the Department of Biotechnology has developed the Scheme and Syllabi for the Integrated B.Sc.-M.Sc. Programme (For 5th year) in Biotechnology in accordance with the requirements of the National Education Policy (NEP) 2020, contemporary developments in biotechnology, and the academic framework of the University.

The proposed programme aims to provide students with a strong foundation in basic sciences and biotechnology during the undergraduate phase, followed by advanced specialisation and research-oriented training during the postgraduate phase. The Board of Studies (BoS) of the Department of Biotechnology, in its meeting held on 28.09.2026, considered and approved the Scheme and Syllabi of the Integrated B.Sc.-M.Sc. Programme in Biotechnology and recommended the same to the Academic Council for approval and implementation from the academic year 2026-27.

The minutes of the meeting of BoS along with the scheme and syllabus were placed at annexure pages 110 to 141 in the Agenda note.

Decision : The Academic Council considered and approved the Scheme and Syllabi of the Integrated B.Sc.-M.Sc. Programme (for 5th year) in Biotechnology.

Agenda 46.7 : To finalize the syllabus of Indian Knowledge system (IKS) of 7th semester B.Tech Electrical Engineering program

It was submitted to the Academic Council that the Board of Studies (BoS) of Department of Electrical Engineering discussed the detailed syllabus of the non-credit course: "Indian Knowledge Systems" (IKS) for B.Tech Electrical Engineering.

After detailed discussion on course objective, course outcomes and the overall structure of the course, BoS recommended the proposed syllabus.

The minutes of BoS meeting along with the syllabus were placed at annexure pages 142 to 150 in the Agenda note.

Decision : The Academic Council considered and approved the syllabus of Indian Knowledge system (IKS) of 7th semester of B.Tech Electrical Engineering program.

Agenda 46.8 : Revision of Scheme & Syllabus of M.Tech by Research in Chemical Engineering

It was submitted to the Academic Council that the Department of Chemical Science and Engineering is offering M.Tech by Research (Chemical Engineering) programme for last three years, i.e. from academic year 2024-25.

The Board of Studies of the Department has revised the scheme and syllabus of the programme by incorporating the core courses. A Board of Studies meeting was convened on August 24, 2026 in HoD office. The committee reviewed thoroughly the scheme & syllabus of M.Tech by Research in Chemical Engineering and unanimously recommends the proposal for its approval of the Academic Council.

The minutes of BoS meeting along with the proposed revision in scheme & syllabus of M.Tech by Research in Chemical Engineering were placed at annexure pages 151 to 167 in the Agenda note.

Note: The proposed scheme is indicative, flexible and student-centric aligning with the research interest of student in emergent areas.

Decision : The Academic Council considered and approved the revision of Scheme & Syllabus of M.Tech by Research in Chemical Engineering.

Agenda 46.9 : Approval of Micro Credential Course - Banking, Financial Services and Insurance (BFSI) course and certification in collaboration with Bajaj Auto Foundation

It was submitted to the Academic Council that The Micro-Credential Course – Banking, Financial Services and Insurance (BFSI) is proposed to be offered by Delhi School of Management, DTU, in collaboration with Bajaj Auto Foundation, with the objective of providing students with industry-relevant knowledge and skills in the BFSI sector. The proposed Micro-Credential Course will provide students with an opportunity to acquire specialised skills and enhance their professional competencies through a structured curriculum.

The Board of Studies (BoS), Delhi School of Management, DTU, in its meeting held on 09.09.2026, considered and approved the syllabus, scheme, evaluation, assessment and certification of the Micro-Credential Course – Banking, Financial Services and Insurance (BFSI).

The minutes of BoS meeting along with syllabus, scheme, evaluation, assessment and certification of the Micro-Credential Course were placed at annexure pages 168 to 171 in the Agenda note.

Decision : The Academic Council considered and advised to review the proposal. The revised proposal may be placed before the Council in next meeting.

Agenda 46.10 : Extension of Registration in Ph.D program and reversal of cancellation of same, with change in guide regarding Mr. Manoj Kumar, Part Time Scholar in Ph.D program USME

It was submitted to the Academic Council that Mr. Manoj Kumar (2K20/PHDUECO/501), Ph.D Scholar in Economics discipline at USME, DTU obtained admission in January 2021 at the department.

He was registered after the presentation of synopsis and comprehensive examination and recommendation of SRC/DRC with effect from 26/8/2022.

However, given his unsatisfactory progress in two consecutive semesters, assessed during June 2025 and January 2026, the DRC obtained all necessary explanations and comments and recommended in April 2026 that office of Dean PG may consider cancellation of his registration. This was duly notified in June 2026.

Thereafter, the candidate requested the DRC, USME that he may be granted a review of the status of registration, along with change in guide and extension of registration period, which may be considered basis the substantial progress made in the interim period in the January- June 2026 semester. This was then taken up by the DRC in its subsequent progress review meeting.

The DRC, USME noted that the two stipulated research papers in Scopus/ABDC journals as required for PhD submission eligibility, had been submitted by the candidate in this period. Substantial progress had also been made on the thesis work. Conference paper had also been presented.

The DRC recommended that a favourable view may be taken regarding the request for revoking the cancellation of registration, and extension of registration of the scholar for sixth year, and if granted, request for change of guide may be considered (wherein due consent of earlier guide has already been noted). The documents/proforma is attached for reference. The proposed guide has provided both the signed proforma of consent as well as a statement of alignment of interest of the current work of the candidate. The approval for placing the matter in the Academic Council was granted thereafter.

The minutes of the DRC meeting in this regard are placed at ***Annexure pages 1 to 5.***

The matter was deliberated at length. The Council decided the followings after considering views of many members:

Decision : The Academic Council considered and approved the followings:

1. **The Order dated 18.06.2026 regarding cancellation of the admission of Sh. Manoj Kumar (2K20/PHDUECO/501) is hereby withdrawn. His admission shall accordingly stand restored with effect from 18.06.2026. However, his date of admission will remain the same i.e. 13.01.2021.**
2. **Existing Supervisor(s) as per the SRC will continue to supervise as Joint Supervisor(s). The faculty recommended by the DRC will be the Supervisor.**
3. **The duration of the Ph.D shall be strictly as per the R.12.1 and R. 12.2 as notified vide notification dated 05.08.2024 from the date of his initial admission i.e. 13.01.2021.**
4. **It may be treated as special case and should not be quoted as precedence.**

The above shall be complied with by the concerned Department/ Branch accordingly.

Agenda 46.11 : To consider and approve scheme and syllabus of Integrated B.Sc.–M.Sc. (Data Science) Programme in the Department of Software Engineering, Delhi Technological University

It was submitted to the Academic Council that the Department of Software Engineering has started Integrated B.Sc. & M.Sc. (Data Science) program with an intake of 30 students from the academic year 2026-27. Department offered Minor in Sports Analytics. Except syllabus of Minor in Healthcare Analytics.

The scheme of 5-Year Integrated B.Sc. and M.Sc. (Data Science) was placed at Annexure 185 to 197 in the Agenda note and syllabus was tabled separately in the meeting. Submitted for kind consideration and approval.

Decision : The Academic Council considered and approved the scheme and syllabus of Integrated B.Sc.–M.Sc. (Data Science) Programme in the Department of Software Engineering except syllabus of minor in Healthcare Analytics.

Agenda 46.12 : Allotment of Course Codes for Indian Knowledge Systems (IKS) (Non-Credits) courses for all branches of B.Tech

It was submitted to the Academic Council that in accordance with the provisions for offering courses under **Indian Knowledge Systems (IKS)** (Non Credits Course), the following IKS-related Value Added Courses (VACs) have been approved by the Competent Authority. Accordingly, the course codes for the approved IKS courses are proposed to be allotted for implementation across all applicable branches of the B. Tech Programme.

S. No.	Department	Title	Course Code
1	Chemical Science & Engineering	Indian Knowledge System in Chemical Engineering	VAC 81
2	Applied Mathematics	Vedic Mathematics	VAC 82
3	Applied Physics	Indian Knowledge System in Engineering Physics	VAC 83
4	Biotechnology	Indian Knowledge System in Biotechnology	VAC 84
5	Civil Engineering	Indian Knowledge Systems: Sustainable Civil Infrastructure	VAC 85
6	Computer Science & Engineering	Indic Language Computing	VAC 86
7	Electrical Engineering	Indian Knowledge Systems (IKS) for Electrical Engineering	VAC 87
8	Electronics & Communication	Indian Knowledge Systems (IKS) in Electronics and Communication Engineering	VAC 88
9	Environmental Science & Engineering	IKS in Environmental Engineering	VAC 89
10	Information Technology	Indian Knowledge Systems for Information Technology	VAC 90
11	Mechanical Engineering	Indian Mechanical Engineering Heritage and Sustainable Technologies	VAC 91
12	Software Engineering	Indian Knowledge System for Software Engineering	VAC 92

Decision : The Academic Council considered and approved the proposed Course Codes for Indian Knowledge Systems (IKS) (Non-Credits) courses for all branches of B.Tech.

Agenda 46.13 : Introduction of Industry linked skill course "VL544 – VLSI Design Automation approaches using Agentic AI" in M. Tech. (VLS) curriculum

It was submitted to the Academic Council that DTU has started offering Micro-Credentials to students of UG and PG programs as elective courses from Academic Year 2025-26 after due approval from Academic Council. It is also mandated to have the Micro-Credential course curriculum designed in consultation with reputed industry to bridge the required skill gap. In this direction, it is submitted that:

The department proposes to introduce industry linked Skill Course '**VL544 – VLSI Design Automation approaches using Agentic AI**' designed in collaboration Infineon Technologies India Private Limited, in 2nd semester of M. Tech. (VLS). This course aligns with the semiconductor industry's shift towards AI-driven EDA (Synopsys DSO.ai, Cadence Cerebrus, Google Chip Placement) and prepares students for roles in next-gen chip design automation where 80% of routine design tasks will be handled by AI agents.

This course has jointly prepared with Department of ECE and Infineon Technologies India Private Limited by understanding the industrial demands of the concepts and practical skills required.

This elective and its syllabus have been approved by Board of Studies of the Department and recommended for inclusion from academic year 2026-27 onwards. The minutes of BoS meeting along with syllabus of the course were placed at annexure pages 177 to 181 in the Agenda note.

Decision : The Academic Council considered and approved the introduction of Industry Linked Skill Course: "VL544 – VLSI Design Automation approaches using Agentic AI" in M.Tech. (VLS) curriculum with a course type of 3-0-2.

Agenda 46.14 : Matter for Ratification

i. **Revision in Ph.D. eligibility criteria for the Software Engineering Department under the Software Engineering and Computer Science disciplines**

It was submitted to the Academic Council that the Department of Software Engineering would like to update the Ph.D. eligibility criteria for the **Software Engineering Department** under the **Software Engineering and Computer Science disciplines** under the following additional eligible qualifications:

Bachelor's degree in Sciences/Computer Applications and Master's degree in sciences (in Data Science/Computer Science) (with Mathematics at B.Sc./B.C.A. level), with a minimum 55% in aggregate or equivalent CGPA as determined by DTU.

The updated **"Admission Eligibility"** is given below as discussed in the 35th BOS meeting held on 09/09/2026 at 1:00 PM:

<table>
<tr><th>Academic Department</th><th>Disciplines Offered</th><th>Discipline Specific Eligibility Criteria</th></tr>
<tr><td rowspan="2">Software Engineering</td><td>Software Engineering</td><td>Bachelor's degree in Engineering/Technology and Master's degree in Engineering/Technology in Computer Science and Engineering / Software Engineering / Information Technology / Mathematics and Computing / Electronics and Communication Engineering or equivalent, with a minimum 55% in aggregate or equivalent CGPA as determined by DTU.
OR
Bachelor's degree in Sciences/Computer Applications and Master's degree in Computer Applications (with Mathematics at B.Sc./B.C.A. level), with a minimum 75% in aggregate or equivalent CGPA as determined by DTU and having proven research capability.</td></tr>
<tr><td>Computer Science</td><td>OR
Bachelor's degree in Sciences/Computer Applications and Master's degree in sciences (in Data Science/Computer Science) (with Mathematics at B.Sc./B.C.A. level), with a minimum 55% in aggregate or equivalent CGPA as determined by DTU.
OR
Bachelor's degree in Engineering/Technology in Computer Science and Engineering/ Software Engineering/ Information Technology/ Mathematics and Computing/ Electronics and Communication Engineering, or equivalent with a minimum 75% in aggregate or equivalent CGPA as determined by DTU and having proven research capability.</td></tr>
</table>

ii. Extension to submit M. Tech. Thesis to Mr. Lalit Jakhar

It was submitted to the Academic Council that a request has been received from Mr. Lalit Jakhar, Roll No. 2K15/RET/07 Full Time student of M.Tech. (Renewable Energy Technology) programme, Department of Mechanical Engineering regarding grant extension to submit his thesis.

In this regard, he has stated that he has successfully completed the course work of all three semesters of the programme. Due to unavoidable family circumstances and his selection and joining as Sub-Inspector in Delhi Police. Further, due to Covid-19 pandemic period, his duties in Delhi Police involved demanding emergency schedule, extended working hours, law and order management, enforcement and lockdown and public safety responsibilities, which significant limited his ability to pursue and complete the dissertation work alongside his official commitments.

HoD, Department of Mechanical Engineering has given the remarks that "the maximum duration of the program is over hence on academic ground, enrolment of the student stands cancelled. However, the matter may be forwarded to Dean (PG) for further necessary action. The Student result sheet with date and scheme is being enclosed"

In this connection, the duration for M.Tech (Full time and Part time) programme as notified are reproduced below:

I. Each of the full time M. Tech. Programme shall be of two-year duration and shall consist of 4 semesters. For the Part-time candidates the programme duration shall be three years comprising of 6 semesters.

II. The maximum span period for the full time M. Tech. Programme shall be four years and for the part-time programme shall be five years."

His span period to complete M. Tech. (Full Time) has expired in July 2019. In this regard, it is submitted that a notice has been issued vide F. No. 212/ Exam/ M.Tech./ Thesis/ 2022/ 6010 dated 07.05.2026 regarding submission of Major Project Report. Wherein it is mentioned that:

"In case, a student fails to submit Major Project Report by 31st May 2026, he/she will not be allowed to appear in the Viva Voce and will be awarded 'F' grade by the department. Such students will re-register for M.Tech Major Project-II in next Even Semester .

The last date of thesis submission was 31st May 2026. Now, he has requested to allow him to submit his thesis.

The Hon'ble VC, DTU and Chairman of Academic Council has approved for ratification of following in Academic Council:

1. Student could not complete the M.Tech. degree in the maximum span period of 4 years. Considering the request of the student, he was granted extension of one year for Thesis submission by the Competent Authority on mercy ground. However, Mr. Lalit Jakhar has completed all theory papers.
2. To allow the above student to submit M.Tech. thesis along with requisite fee i.e. Rs. 10,000 Course fee alongwith Rs. 500/- Examination Fee and Rs. 3,000/- for Thesis Submission, Total amount of Rs. 13,500/-

iii. Extension to submit M. Tech. Thesis to Mr. Dhawal

It was submitted to the Academic Council that a request has been received from Mr. Dhawal Jain, Roll No. 2K19/ENE/501 Part Time student of M.Tech. (Environmental Engineering) programme, Department of Environmental Science & Engineering regarding grant extension to submit his thesis.

In this regard, he has stated that he has registered for the 6th semester Major Project-II (ENE-602) in the even Semester of Academic Year 2022-23. He has also deposited the registration fee alongwith the late fee amount of Rs. 22000/- and submitted his Major Project-II thesis in the library. The University officially schedules the date of Major Project-II (ENE-602) presentation as 18.06.2023. However, on the same day, due to the engagement of his younger sister, he was unable to attend the presentation. In the following year he was suffering from severe health problems and was hospitalized, due to which he could not appear for the presentation of Major Project-II.

In this connection, the duration for M. Tech (Full time and Part time) programme as notified are reproduced below:

I. Each of the full time M. Tech. Programme shall be of two-year duration and shall consist of 4 semesters. For the Part-time candidates the programme duration shall be three years comprising of 6 semesters.
II. The maximum span period for the full time M. Tech. Programme shall be four years and for the part-time programme shall be five years."

His span period to complete M. Tech. (Full Time) has expired in July 2023.

In this regard, it is submitted that a notice has been issued vide F. No. 212/ Exam/ M.Tech./ Thesis/ 2022/ 6010 dated 07.05.2026 regarding submission of Major Project Report. Wherein it is mentioned that:

"In case, a student fails to submit Major Project Report by 31st May 2026, he/she will not be allowed to appear in the Viva Voce and will be awarded 'F' grade by the department. Such students will re-register for M.Tech Major Project-II in next Even Semester .

The last date of thesis submission was 31st May 2026. Now, he has requested to allow him to submit his thesis.

The Hon'ble VC, DTU and Chairman of Academic Council has approved for ratification of following in Academic Council:

1. Student could not complete the M.Tech. degree in the maximum span period of 4 years. Considering the request of the student, he was granted extension of one year for Thesis submission by the Competent Authority on mercy ground. However, Mr. Dhawal Jain has completed all theory papers.

2. To allow the above student to submit M.Tech. thesis along with requisite fee i.e. Rs. 10,000 Course fee along with Rs. 500/- Examination Fee and Rs. 3,000/- for Thesis Submission, Total amount of Rs. 13,500/-

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

Sixty-Five (65) students were 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:

Department of DSM			
S.No.	**Name of Students**	**Name of Supervisors**	**Date Of SRC**
01	Ms. Banty Rani, 24/PHDDSM/501.	Dr. Vikas Gupta, (Supervisor)	05.08.2026
Department of Biotechnology			
01	Mr. Kunal Tanwar, 24/PHDBT/503	Prof. Jai Gopal Sharma, (Supervisor) Dr. Tanushri Kaul, (Jt-Supervisor)	02.07.2026
02	Ms. Bhargavi Sharma, 24/PHDBT/05	Prof. Yasha Hasija, (Supervisor) (Revised)	20.02.2026
03	Ms. Rashmi Singh, 24/PHDBT/06,	Prof. Yasha Hasija, (Supervisor) Dr. Charu Lata, (Jt-Supervisor)	22.07.2026
Department of Applied Physics			
01	Ms. Riya Soni, 24/PHDAP/17	Dr. Richa Sharma (Supervisor) Dr. Kamal Kishor (Jt-Supervisor)	29.05.2026
02	Ms. Jyoti, 24/PHDAP/07	Dr. Yogita Kalra (Supervisor)	04.06.2026
03	Ms. Puja Soren, 23/PHDAP/09	Prof. Rinku Sharma, (Supervisor) Dr. Manoj Kumar, (Jt. Supervisor)	16.07.2026
04	Mr. Bharat Bhushan, 24/PHDAP/14	Dr. Mohan Singh Mehata, (Supervisor) Prof. Vinod Singh, (Jt.Supervisor)	29.07.2026

05	Ms. Deepika, 24/PHDAP/01	Dr. Mukhtiyar Singh, (Supervisor)	21.07.2026
06	Mr. Vishvendra Singh, 24/PHDAP/04	Dr. M. Jayasimhadri, (Supervisor)	28.07.2026
07	Mr. Ravindra Kumar, 24/PHDAP/15.	Dr. Renuka Bokolia, (Supervisor) Dr. Manoj Verma, (Jt-Supervisor)	28.07.2026
08	Ms. Chinmaya Datt, 24/PHDAP/18	Dr. Mukhtiyar Singh, (Supervisor)	20.07.2026
09	Ms. Mona Devi, 24/PHDAP/13.	Dr. Deshraj Meena, (Supervisor) Dr. Raghvendra Pandey, (Jt-Supervisor)	27.07.2026
10	Ms. Ankita Dahiya 24/PHDAP/10	Dr. Bharti Singh. (Supervisor) Prof. Manika Khanuja, (Jt-Supervisor)	28.07.2026
11	Ms. Manisha, 24/PHDAP/03.	Dr. Sarita Baghel (Supervisor) Prof. A. S Rao, (Jt-Supervisor)	28.07.2026
12	Mr. Satyam Singh, 24/PHDAP/11	Dr. Amrish K. Panwar, (Supervisor)	29.07.2026
13	Mr. Vishwas Kumar, 23/PHDAP/10.	Prof. Rishu Chaujar, (Supervisor) Prof. Nitin K. Puri, (Jt-Supervisor)	24.08.2026
Department of CESH			
01	Mr. Aryan Saini, 24/PHDCESH/506.	Dr. Saroj Bala, (Supervisor) Dr. Shivantika Sharad, (Jt-Supervisor)	09.06.2026
02	Ms. Shipra Singh, 24/PHDCESH/501.	Dr. Saroj Bala, (Supervisor) Dr. Subhash Meena, (Jt-Supervisor)	09.06.2026
03	Ms. Himani, 24/PHDCESH/505.	Prof. S. Indu. (Supervisor) Dr. Anamika Rai(Jt-Supervisor)	07.07.2026
Department of Software Engineering			
01	Mr. Ayush Awasthi, 25/PHDCS/01	Prof. Ruchika Malhotra, (Supervisor) Dr. Subodh Mor (Jt-Supervisor)	03.06.2026
02	Mr. Manish Kumar, 25/PHDCS/03	Prof. Ruchika Malhotra, (Supervisor)	03.06.2026
03	Mr. Ankur, 24/PHDSE/01	Prof. Ruchika Malhotra, (Supervisor) Dr. Shweta Meena	03.06.2026
04	Mr. Manoj Patidar 24/PHDCS/502	Dr. Sanjay Patidar	03.06.2026
05	Ms. Allam Venkata Siva Sowmya	Dr. Abhilasha Sharma Dr, Sanjay Patidar	03.06.2026
Department of Humanities			
01	Ms. Astha Singh, 2K21/PHDHUM/01	Ms. Astha Singh, 2K21/PHDHUM/01	10.06.2026
Department of Applied Chemistry			
01	Ms. Shikha Jain, 24/PHDAC/01.	Dr. Raminder Kaur (Supervisor)	22.07.2026
02	Mr. Mukesh Kumar Singh, 23/PHDAC/06	Prof. Anil Kumar, (Supervisor) Dr. Shubham Yadav, (Jt-Supervisor)	29.07.2026

03	Ms. Anushka Gupta, 25/PHDAC/03	Prof. Deenan Santhiya, (Supervisor)	27.08.2026
04	Mr. Soorajkannu Pandi Pillai, 2K22/PHDCH/501	Prof. Sudhir G. Warkar (Supervisor) Dr. K.P. Bhuvana (Jt-Supervisor)	27.08.2026
Department of Design			
01	Rohit Priyadarshi, 23/PHDDESH/03	Dr. Ravindra Singh, (Supervisor) Dr. Srinivasan Venkataraman, (Jt- Supervisor)	29.04.2026
Dept. of Environmental Science & Engineering			
01	Ms. Sonali, 24/PHDEN/501	Prof. A.K. Haritash, (Supervisor)	22.05.2026
02	Ms. Pragya Yadav, 24/PHDEN/01	Prof. A.K. Haritash, (Supervisor) Prof. Prateek Sharma, (Jt-Supervisor)	22.05.2026
Department of Computer Science and Engineering			
01	Mr. Nitesh Goyal, 23/PHDCO/507	Prof. Manoj Kumar, (Supervisor) Prof. Vinod Kumar(Jt-Supervisor)	18.05.2026
02	Ms. Anjali Singh, 23/PHDCO/504	Dr. Rajesh Kumar Yadav, (Supervisor)	24.04.2026
03	Ms. Chinnari Supraja, 23/PHDCO/503.	Prof. Rajesh Kumar Yadav, (Supervisor)	24.04.2026
04	Mr. Aatish Kumar Baitha, 25/PHDCO/01	Prof. Shailender Kumar, (Supervisor)	17.06.2026
05	Ms. Poonam Soni, 24/PHDCO/503	Prof. Shailender Kumar,(Supervisor)	17.06.2026
Department of Civil Engineering			
01	Mr. Gaurav Bharti 2K22/PHDCE/506	Prof. Amit Kumar Srivastava (Supervisor)	14.08.2025
02	Mr. Nikhil Mittal, 24/PHDCE/03	Prof. Pradeep Kumar Goyal, (Supervisor)	13.07.2026
Department of Mechanical Engineering			
01	Mr. Jayant Kumar 25/PHDME/06	Prof. Vijay Gautam, (Supervisor) Dr. Bijendra Prasad, (Jt-Supervisor-I) Prof. Lakshmi Narayan Ramasubramanian (Jt-Supervisor-II)	30.07.2026
Department of Information Technology			
01	Ms. Ruchika Pharswan, 23/PHDIT/503	Dr. Ankit Yadav, (Supervisor) Prof. Dinesh Kumar Vishwakarma (Jt-Supervisor)	25-05-2026
02	Mr. Prakhar Mishra, 24/PHDIT/502	Dr. Bindu Verma, (Supervisor)	06-05-2026
03	Ms. Sunanda Immanni, 24/PHDIT/03	Dr. Bindu Verma, (Supervisor) Prof. Kapil Sharma (Co-Supervisor)	25-05-2026
04	Mr. Nishant, 25/PHDIT/06	Dr. Bindu Verma, (Supervisor) Prof. Kapil Sharma (Co-Supervisor)	06-05-2026

05	Mr. Vaibhav, 25/PHDIT/10	Prof. Virender Ranga (Supervisor)	13.08.2026
06	Ms. Devika Karki, 24/PHDIT/506	Prof. Virender Ranga (Supervisor) Dr. Varsha Sisaudia, (Jt-Supervisor)	13.08.2026
Department of Electrical Engineering			
01	Mr. Bajrangi Maurya, 23/PHDEE/506.	Dr. D C Meena, EE (Supervisor) Dr. Prakash Chittora, EE (Jt-Supervisor)	18.06.2026
02	Mr. Ravi Sharma 2K19/PHDEE/09	Prof. Mukhtiar Singh (Supervisor)	24.01.2024
03	Mr. Bajrangi Maurya, 23/PHDEE/506.	Dr. D C Meena, EE (Supervisor) Dr. Prakash Chittora, EE (Jt-Supervisor)	18.06.2026
04	Mr. Ravi Sharma 2K19/PHDEE/09	Prof. Mukhtiar Singh (Supervisor)	24.01.2024
05	Mr. Satyendra Kumar Monu, 23/PHDEE/507	Dr. Shatakshi, (Supervisor) Dr. Ankita Matta (Jt. Supervisor)	25.06.2026
06	Ms. Seema Bai Meena, 24/PHDEE/05.	Dr. Prakash Chittora, (Supervisor) Prof. D. K. Sambariya, (Jt-Supervisor)	24.07.2026
07	Mr. Sushil Kumar, 23/PHDEE/06.	Dr. Prem Prakash (Supervisor) Prof. D. C. Meena, (Jt-Supervisor)	19.08.2026
08	Mr. Puneet Kumar Dixit, 23/PHDEE/05	Prof. Narender Kumar-I (Supervisor) Dr. Bahadur Singh Pali, (Jt-Supervisor)	20.08.2026
09	Mr. Shubham Goel, 24/PHDEVRT/04.	Prof. Madhusudan Singh (Supervisor) Dr. Mayank Kumar, (Jt-Supervisor)	28.07.2026
Department of Electronics & Communication Engineering			
01	Ms. Sony Rajput 24/PHDEC/07	Prof. J. Panda (Supervisor) Prof. Kapil Sharma (Jt-Supervisor)	08.05.2026
02	Ms. Archana Gautam, 24/PHDEC/03	Prof. Poornima Mittal, (Supervisor)	31.07.2026
03	Mr. Naveen Kumar Saini, 2K22/PHDEC/505	Dr. Sachin Taran (Supervisor) Dr. Lokendra Chouhan, (Jt-Supervisor)	18.05.2026
04	Mr. Manish Bhardwaj, 23/PHDEC/506	Dr. Ajai Kumar Gautam (Supervisor)	29.06.2026
05	Mr. Kamal Yadav, 24/PHDEC/01	Prof. O. P. Verma, (Supervisor) Dr. M. Ganesh, (Supervisor)	22.05.2026

06	Mr. Akhilendra Krishna, 23/PHDEC/508	Dr. Harikesh, (Supervisor)	29.06.2026
07	Ms. Snigdha Jain, 24/PHDEC/08	Prof. Neeta Pandey, (Supervisor)	28.07.2026
Department of Applied Mathematics			
01	Mr. Aditya Parashar, 24/PHDAM/506	Dr. Dinesh Udar, (Supervisor) Prof. Pramod Kanwar, (Jt-Supervisor)	10.08.2026
02	Ms. Simran Tanwar, 24/PHDAM/505	Dr. Chandra Prakash Singh, (Supervisor)	19.08.2026

v. Cancellation/withdrawal made in Ph.D programme for the Academic year 2025-26

It was informed that the following cancellation/withdrawal were made in various PhD programmes for the Academic Year 2025-26. The details are as follows:

Sr. No.	Roll No.	Name of Scholar	Department	With effect from
1.	2K22/PHDCE/505	Mr. Dhiraj Chandra Bharalli	CE	20.02.2026
2.	23/PHDCE/08	Mr. Kunal Pratap Singh	CE	20.02.2026
3.	2K22/PHDCE/508	Mr. Amit	CE	20.02.2026
4.	2K17/PHDCE/31	Mr. Yonatan Ayele Abera	CE	20.02.2026
5.	2K19/PHDCE/16	Mr. Thaer M Shomar	CE	20.02.2026
6.	25/PHDEN/06	Mr. Vishu Tomar	EN	31.08.2026
7.	PhDs202601494	Mr. Yash Chaurasia	ECE	21.08.2026
8.	PhDs202601329	Mr. Gaurav Swarnkar	AP	30.07.2026
9.	PhDs202601751	Ms. Nikita Verma	CESH	31.07.2026
10.	PhDs202602051	Mr. Anik Gupta	AM	31.07.2026
11.	PhDs202600853	Ms. Shivani Yadav	AM	31.07.2026
12.	24/PHDAM/501	Ms. Nishu Mittal	AM	01.04.2026
13.	PhDs202601616	Ms. Simran Kumari	BT	13.08.2026
14.	25/PHDBT/06	Mr. Sushant Sharma	BT	30.04.2026
15.	PhDw202600083	Mr. Akhil Anand	USME	27.01.2026
16.	PhDs202600107	Ms. Ankita Sharma	USME	12.08.2026
17.	PhDs202600547	Ms. Richa Sharma	USME	27.07.2026
18.	23/PHDHUECO/03	Mr. Prashant Dedha	USME	31.04.2026
19.	2K20/PHDHUECO/503	Mr. Himanshu Singh	USME	21.04.2026

vi. **Revised guidelines for the "Award for Published Papers"**

It was submitted that a Committee was constituted vide Office Order No. DTU/R&D/2025/148/3114 dated 11.11.2025 for the revision of the guidelines for various categories. The draft guidelines prepared by the Committee were presented in the Deans/HODs meeting held on 05.08.2026. The suggestions received during the meeting were duly incorporated into the proposed Guidelines.

Thereafter, the Hon'ble Vice Chancellor, in the capacity of Chairman, Academic Council, approved the revised guidelines for the "Award for Published Papers".

The Academic advised to review the guidelines and place before the Council in next meeting.

vii. **Revised guidelines for "Sponsored Research Project Award for Principal Investigator of Delhi Technological University"**

It was submitted that a Committee was constituted vide Office Order No. DTU/R&D/2025/148/3114 dated 11.11.2025 for the revision of the guidelines for various categories. The draft guidelines prepared by the Committee were presented in the Deans/HODs meeting held on 05.08.2026. The suggestions received during the meeting were duly incorporated into the proposed Guidelines.

Thereafter, the Hon'ble Vice Chancellor, in the capacity of Chairman, Academic Council, approved the revised guidelines for "Sponsored Research Project Award" for Principal Investigator of Delhi Technological University. The revised guidelines are placed at ***Annexure pages 6 to 7.***

viii. **Revised guidelines for the 'Award for Submission of Ph.D. Thesis within Stipulated Period'**

It was submitted that a Committee was constituted vide Office Order No. DTU/R&D/2025/148/3114 dated 11.11.2025 for the revision of the guidelines for various categories. The draft guidelines prepared by the Committee were presented in the Deans/HODs meeting held on 05.08.2026. The suggestions received during the meeting were duly incorporated into the proposed Guidelines.

Thereafter, the Hon'ble Vice Chancellor, in the capacity of Chairman, Academic Council, approved the revised guidelines for 'Award for Submission of Ph.D. Thesis within Stipulated Period'. The revised guidelines are placed at ***Annexure pages 8 to 9.***

ix. Revised guidelines for 'Innovation Research Awards for the Inventors of Delhi Technological University'

It was submitted that a Committee was constituted vide Office Order No. DTU/R&D/2025/148/3114 dated 11.11.2025 for the revision of the guidelines for various categories. The draft guidelines prepared by the Committee were presented in the Deans/HODs meeting held on 05.08.2026. The suggestions received during the meeting were duly incorporated into the proposed Guidelines.

Thereafter, the Hon'ble Vice Chancellor, in the capacity of Chairman, Academic Council, approved the revised guidelines for 'Innovation Research Awards for the Inventors of Delhi Technological University'. The revised guidelines are placed at ***Annexure pages 10 to 11.***

x. Revised guidelines for the "Research & Development Scheme for Faculty"

It was submitted that a Committee was constituted vide Office Order No. DTU/R&D/2025/148/3114 dated 11.11.2025 for the revision of the guidelines for various categories. The draft guidelines prepared by the Committee were presented in the Deans/HODs meeting held on 05.08.2026. The suggestions received during the meeting were duly incorporated into the proposed Guidelines.

Thereafter, the Hon'ble Vice Chancellor, in the capacity of Chairman, Academic Council, approved the revised guidelines for the "Research & Development Scheme for Faculty". The revised guidelines are placed at ***Annexure pages 12 to 17.***

xi. Student-centric Incentive Schemes in DTU

It was submitted that the Committee constituted vide Office Order No. DTU/R&D/2025/Student Schemes/113/2762 dated 28.4.2025 for reviewing the existing student-centric incentive schemes in DTU conducted 2 meetings on 20.11.2025 and 21.4.2026. The Committee reviewed the existing student incentive schemes in DTU and also deliberated upon similar schemes in other reputed institutions and suggested 3 new schemes that will give a vast impetus to the research and innovation ecosystem of DTU.

The draft recommendations of the Committee were presented during the Deans/HoDs Meeting held on 05.08.2026. The suggestions and observations agreed upon, have been duly incorporated and further circulated to all Deans/HoDs through email on 27.09.2026. As per suggestions and recommendations received, all changes have been incorporated into the revised guidelines.

Accordingly, the final revised guidelines are placed for consideration and approval as under:

1. Innovation Continuum Research and Development (ICRD) Scheme (Annexure 1)
2. Research Assistantship for Credits (RAC) Scheme (Annexure 2)
3. Summer Research Internship (SRI) Scheme (Annexure 3)

Hon'ble Vice Chancellor, in his capacity as Chairman of the Academic Council has approved the above Student Centric Research & Innovation Incentive Schemes along with budgetary implication for the above schemes as recommended by the Committee. The schemes are placed at ***Annexure pages 18 to 42***.

Decision : The Academic Council ratified the above actions except point no. (vi) which is to be reviewed and placed in next meeting of the Academic Council of the University.

Agenda 46.15 : Any other item with the permission of the Chair.

Suppl. Agenda 46.16 : Introduction of Industry linked skill course "EC 332 – NoC RTL Design & Microarchitecture" in B.Tech. (ECE) curriculum

It was submitted to the Academic Council that Department of ECE proposes to introduce new elective course aligned to current industry needs. The advancement in CMOS technology scaling to deep sub-micron and nano-scale regimes, the number of processing cores integrated on a single System-on-Chip (SoC) has increased manifolds. Network-on-Chip (NoC) has emerged as a revolutionary paradigm to address the on-chip communication challenges. NoC provides a structured, scalable, and modular communication infrastructure that significantly improves system performance, power efficiency, and design reusability.

To address this industry need and to provide students with specialized expertise in this niche area, it was proposed to introduce EC332 – NoC RTL Design & Microarchitecture in B.Tech. (ECE) 6th semester.

This elective and its syllabus had been approved by Board of Studies of the Department and recommended for inclusion from academic year 2026-27 onwards. The minutes of BoS meeting and syllabus of the course are placed at ***Annexure page 43 to 45.***

Decision : The Academic Council considered and approved for introduction of Industry Linked Skill Course: 'EC332 – NoC RTL Design & Microarchitecture' as a Department Elective Course for the 6th Semester (III Year) of the B.Tech. ECE programme with a teaching scheme of 3-0-2.

Suppl. Agenda 46.17 : Revision in Teaching Scheme of EC 106 – Electronic Workshop offered by the Department of Electronics and Communication Engineering

It was submitted to the Academic Council that the Board of Studies, Department of Electronics and Communication Engineering, proposed the revision in the course type of EC 106 – Electronic Workshop from the existing 1-0-2 to 0-0-4, based on the detailed feedback received from the stakeholders including students and faculty members engaging the course. There was no change in evaluation scheme.

Decision : The Academic Council considered and approved the revision in the course type Teaching Scheme of EC106–Electronic Workshop from 1–0–2 to 0–0–4.

Suppl. Agenda 46.18 : Indian Knowledge System course "Indian Mechanical Engineering Heritage and sustainable Technologies"

It was submitted to the Academic Council that the Board of Studies of Department of Mechanical Engineering recommended a course on 20/08/2026, for consideration and approval of Academic Council.

The recommended course is placed at ***Annexure 46 to 47.***

Decision : The Academic Council considered and approved the Indian Knowledge System (IKS) course "Indian Mechanical Engineering Heritage and sustainable Technologies" of Mechanical Engineering Department.

Suppl. Agenda 46.19 : Matter for Ratification :

(i) Indian Knowledge System (IKS) (Non Credit) Course for B. Tech.

It was submitted to the Academic Council that the Board of Studies (BoS), of eight departments has approved the Indian Knowledge System (IKS) course for B.Tech. 7th Semester students. List of IKS Courses of the departments duly recommended by BOS of their respective departments and approved by the Competent Authority is placed in the following table:

S. No.	Department	Course Title
1	Applied Mathematics	Vedic Mathematics
2	Applied Physics	Indian Knowledge System in Engineering Physics
3	Civil Engineering	Indian Knowledge Systems: Sustainable Civil Infrastructure
4	Computer Science & Engineering	Indic Language Computing
5	Information Technology	Indian Knowledge Systems for Information Technology
6	Software Engineering	Indian Knowledge System for Software Engineering

(ii) Extension of time span for completion of Degree .

It was submitted to the Academic Council that as per the Regulation R.1(B).4 of DTU- *The duration of the B.Tech. Program is 4 years i.e. 8 semesters.*

The following students could not complete their B.Tech. degree in the maximum span period of 7 years. Considering the request of the students, they were granted extension of one year by the Competent Authority on mercy ground. Details of such students are as under:-

S.No.	Name	Roll no.	Branch
1	Mr. Faizan Ayubi	2K12/EC/065	Electronics & Communication Engineering
2	Mr. Ritwik Pokhriyal	2K18/EP/065	Engineering Physics
3	Rushit Darshankumar Kansara	2K19/CO/327	Computer Engineering
4	Saurabh Kumar Jha	2K19/ME/222	Mechanical Engineering
5	Jatin Kumar	2K19/CE/059	Civil Engineering
6	Shivang Singh	2K19/ME/233	Mechanical Engineering

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

Suppl. Agenda 46.20 : Matter for Information :

Admission made in various UG Programs for the Academic Year 2026-27.

It was submitted for information to the Academic Council that the following admission were made in various UG Programs for the Academic Year 2026-27.

The admission details are as follows:-

Program Wise UG Admission Data 2026-27			
S. No.	**Program**	**Sanctioned Intake**	**No. of Admission**
1	B.Tech.	2769	2769 (as on 27.08.2026)
2	B.Des	122	121 (as on 08.09.2026)
3	BBA (Honours) / BBA (Honours with Research)	182	179 (as on 08.09.2026)
4	B.A. (H) Economics	182	140 (as on 08.09.2026)
5	B.Tech. (Continuing Education)	150	40 (as on 08.09.2026)

The list of the Admitted students in various programs was tabled.

The Academic Council noted the above information.

Remarks by the Prof. Anuj Dhawan:

It was suggested that microcredential courses should be taught entirely by the industry.

More than one company can be involved in teaching to bring different flavors for the students. For example, in the course being discussed, different companies can be involved in teaching banking, insurance, and financial services. This can be explored in the future.

The micro credential courses should also involve some practical component, such that the industry component prepares the student for actually working in the industry. Hence, there should be some component in which the students can work with or at some company for a few hours of the course.

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

(Binod Doley)
Registrar

ANNEXURE
to Minutes

46th meeting of
Academic Council,
DTU

10-10-2026

Shahbad Daulatpur, Bawana Road, Delhi-110042

Annexure 46.10

DELHI TECHNOLOGICAL UNIVERSITY
(Established by Govt. of Delhi vide Act 6 of 2009)
(formerly Delhi College of Engineering)
East Delhi Campus
Vivek Vihar, Phase-II, Delhi- 110095

विकसित भारत अभियान

F. No.01-91/DTU/ EDC/ MOM/ DRC/ 2026-27 / **Dated: 25.08.2026**

MINUTES OF THE MEETING

A meeting of the Departmental Research Committee (DRC), USME was held on 25.08.2026 (Tuesday) at 11:00 AM in the Committee Room, New Academic Block, 1st Floor, and in hybrid mode. The meeting was convened under the chairmanship of Prof. Amit Mookerjee, Chairperson, DRC, USME in the presence of the following members:

1. Prof. Amit Mookerjee, USME (DRC Chairperson)
2. Prof. M.L. Singla, Senior Professor (Retd.), FMS, University of Delhi (External Expert)
3. Prof. Kartik Dave, Dean SOM, Ambedkar University, Delhi, Member DRC (External)
4. Prof. H.K. Dangi, Professor, Department of Commerce and Business Studies, University of Delhi, Member DRC (External)
5. Dr. Virender Kumar, USME, DTU (DRC, Member, USME)
6. Dr. Deepti Aggrawal, USME, DTU (Special Invitee, Ph.D Coordinator, USME)
7. Dr. Sucheta Sardar, USME, DTU (Special Invitee, Ph.D Deputy Coordinator, USME)

The following agenda items were discussed:

Agenda Item 1: Clarification regarding thesis examiners of scholars

1.1 The DRC considered the clarification regarding the Indian thesis examiner mentioned at Serial No. 4 with respect to Scholar Mr. Pawan Kumar (2K20/PDUSME/505) provided by his supervisor. It was noted that the examiner is affiliated with MDI Gurgaon, which is ranked 9th in NIRF and its PGDM program is recognized under AIU. It was further noted that the institute is a society initially funded and now controlled by the Ministry of Finance and there are no private entities governing the Institute. The DRC accepted the clarification.

1.2 The DRC considered the revised Indian thesis examiner mentioned at Serial No. 3 with respect to Scholar Ms. Neha Narula (2K20/PHDUECO/505), as proposed by her supervisor. The DRC accepted the revision. However, the DRC advised all guides/supervisors to refrain from making such changes and to preferably restrict the selection of examiners to State institutions, as per the applicable practice.

1.3 The DRC considered the justification provided by the respective supervisor regarding the proposed thesis examiners with respect to Scholars Ms. Manvi Kukreja & Ms. Lavi Vats. The justification was accepted, and it was decided that the concerned examiner Prof. Mohd Shahidan Bin Shaari would be listed for both scholars, given the H Index and relevance of expertise related to the thesis domain.

Agenda Item 2: Cases of Scholars declared unsatisfactory in Progress Review

2.1. The DRC noted that on two consecutive occasions progress review of Mr. Manoj Kumar (2K20/PHDUECO/501), were deemed unsatisfactory, last during the January 2026 review process. Thereafter the DRC considered the detailed response of candidate and guide, in a subsequent meeting and recommended cancellation of the Ph.D. registration. The communication of cancellation of registration of the candidate was issued by Dean PG office in June 2026. The subsequent appeal of the candidate was discussed by the DRC in due course In July 2026 Progress Review Meeting, wherein the DRC noted the substantial progress made by the candidate during the semester, including submission of two reworked earlier papers being accepted for review in journals which were Scopus/ABDC listed, and work done on the thesis. On that basis the DRC recommended that appeal of the candidate may be put up to the Dean (PG) for favourable

consideration, in its meeting held on 27.07.2026.
The DRC reconsidered its earlier recommendation in this regard in a subsequent meeting on 25/8/2026, and recommended that the University may take a sympathetic view in the matter, given the fact that after the personal difficulties were resolved to an extent, and renewed dedication of candidate, who had already spent five years in the process, two papers had been submitted and substantia work done on the thesis. However, the DRC clarified that the present recommendation, if accepted, shall be treated as an exceptional case and shall not be treated as a precedent in any subsequent case.
The DRC further recommended that the candidate may be given permission to re-register. If granted, then an extension may be granted for the permissible period for one semester, in sixth year, and also permitted a change in PhD supervisor.
2.2 The DRC also considered the letter submitted by the scholar Mr. Himanshu Singh (2K20/PHDUECO/503) to Dean PG, who has asked for response on the same. DRC decided that the scholar should provide supporting proof/documents regarding the research progress made. The response/comments from the supervisor, candidate and department may be presented before the DRC in its forthcoming meeting for further consideration.

Agenda Item 3: Eligibility of FYUP Candidates for Ph.D. Admissions at DTU
3.1 The DRC discussed the eligibility of candidates who have completed the Four-Year Undergraduate Programme (FYUP) in disciplines stated as relevant in PhD Admission to USME, for admission of such candidates to Ph.D. programmes at USME, DTU.
It was proposed that undergraduate students who have completed a four-year undergraduate programme at DTU with a minimum 7.5 CGPA for UR/OBC/EWS candidates and 7.0 CGPA for SC/ST/PwBD candidates, and who have at least one research publication in a Scopus-indexed journal/Other journals listed as acceptable for completion of PhD Degree requirements at USME, as the First/Second/Corresponding Author, may be considered eligible for admission to Ph.D. programmes. It may be noted that Delhi University has also declared a similar eligibility, without publication requirements. Further, DTU provides the similar eligibility conditions in the past for B.Tech graduates, with evidence of research (without specifying publication requirements).
3.2 In addition to the eligibility of CA/CMA candidates for the PhD admissions at USME, it was recommended that CS qualified candidates may also be considered in a similar way for being eligible for admissions to PhD program at USME.

The matter may be processed further as per the applicable University rules and approval of the competent authority.

25/8/26
Dr. Deepti Aggrawal
(Ph.D Coordinator,USME)

25/8/26.
Dr. Virender Kumar
Member DRC (Internal)
Consent on Email

25/8/26
Dr. Sucheta Sardar
(Ph.D Dy. Coordinator,USME)
Consent on Email.

Consent on Email
Prof. M.L. Singla
Member DRC (External)

Prof. Kartik Dave
Member DRC (External)

Prof. H.K. Dangi
Member DRC (External)

Prof. Amit Mookerjee
(DRC Chairperson)

To,
DRC Chairperson
Department of USME
East Campus, Delhi Technological University
Vivek Vihar, New Delhi
July 27, 2026

Subject: Request for approval to continue and complete Ph.D. (Part-Time)

Respected Sir,

I, Manoj Kumar Roll No.2K20/PHDHUECO/501, had registered in your institution for Ph.D. (Economics, Part-Time) course in the Department of USME East Campus w.e.f. 13.01.2021. Presently, I am working as a Permanent Assistant Professor, Department of Economics, Ramlal Anand College, University of Delhi.

I humbly submit the following points, for your kind consideration regarding my Ph.D. work:

1. As a research scholar, I have already successfully completed my course work for Ph.D. in 2021-22. My research topic is "Migration of Rural Labour Force and its Impact on Agriculture Sector: A Study of Shekhawati Region of Rajasthan".
2. Under the supervision of Dr. Ratnam Mishra and Dr. Shekhar Tokas, I have done my research work on the above stated topic for nearly 5 years and I have submitted the progress reports of my work regularly except for June 2025.
3. I have collected the primary data for my study through field visits to the designated study areas during 2024-2025.
4. I have presented two papers in international seminars in June 2024 and February 2025.
5. I have communicated two research papers which are under-review/advance stage for publication, from my Ph.D. work in July 2026 in the following Journals:
   i. *"Determinants of Rural Labour Migration in Shekhawati Region, Rajasthan: Evidence from L2-Regularised Logistic Regression with Spatial Cross-Validation"* 'The Annals of Regional Science' (SSCI, SCOPUS and ABDC Indexation).
   ii. *"Systematic Review of Labour Migration Determinants and Outcomes: TCCM Analysis,"* 'Journal of Business Thoughts' (ABDC Indexation).
6. Unfortunately, during the period of November 2024 to April 2026, I was confronted with exceptional personal circumstances arising from my wife's prolonged illness. She remained under medical treatment at various hospitals for her gallbladder ailment and other associated health complications, which ultimately necessitated surgery on 2nd April, 2026. As her primary caregiver, I was required to devote considerable time and attention to her treatment, hospitalization, and post-operative care. Despite these difficulties, I endeavoured to balance my Ph.D. research and professional responsibilities alongside caring for my wife. Owing to these circumstances, I was unable to attend the six-monthly DRC progress report meeting held in June 2025.
7. Since last semester, that is, from January 2026 onward, I have accelerated my work and completed my result analysis and the draft writing of all seven chapters of my thesis, in accordance with the DTU thesis-writing guidelines.

In addition, I also request to change my supervisor to Dr. Sucheta Sardar from USME for completion of my remaining work and submission of thesis. Dr. Sardar has already guided and supervised three research papers arising from my doctoral research and she has kindly consented to supervise the remaining work. I believe that her guidance will facilitate the timely completion and submission of my thesis.

In view of my personal difficulties and extensive work progress in this semester, I humbly request you to kindly consider my above submission sympathetically and permit me to continue with my Ph.D. work which is now at the verge of submission subject to acceptance of my research papers by the publishers. Your kind and favourable consideration on the basis of progress and work done in last semester would greatly help in preserving the continuity of my research and the five years of academic efforts behind it. Further, I remain fully committed to completing my thesis submission work at the earliest.

Thanking you for your time, understanding, and kind consideration. I shall be highly grateful for your kind and sympathetic consideration of my request.

Yours faithfully,

Manoj Kumar
Ph.D. Scholar
Department of USME
Delhi Technological University, New Delhi
Roll Number-2K20/PHDHUECO/501
Mobile Number 8178783824
Email: poonia23m@gmail.com

DELHI TECHNOLOGICAL UNIVERSITY

(Formerly Delhi College of Engineering)
SHAHABAD DAULATPUR, BAWANA ROAD, DELHI-110042

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(Academic-PG)

F. No. 2K20/PHDHUECO/501/6519-26 Dated: 18.06.2026

To,

Mr. Manoj Kumar,
(2K20/PHDHUECO/501)
Department of USME
Delhi Technological University
Delhi: 110042.

Sub: - Cancellation of PhD. Admission.

Sir,

This is with reference to the subject cited above, it is hereby informed that the Competent Authority, DTU has accepted the recommendations of the DRC, Department of USME regarding cancellation of your Ph.D.

Consequently, your Ph.D Admission in the Department of USME, DTU (Part Time Without Fellowship) is hereby cancelled w.e.f. 21.04.2026 (i.e., the date of Recommendation of DRC).

This issues with the prior approval of the Competent Authority.

Rinku

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

F. No. 2K20/PHDHUECO/501/6519-26 Dated: 18.06.2026

Copy to: -

1. PA to VC, for the kind information of the Hon'ble Vice Chancellor, DTU;
2. PA to Registrar, for the kind information of the Registrar, DTU;
3. HoD, Department of USME, DTU;
4. DRC Chairperson, Department of USME, DTU;
5. COF, DTU;
6. DDO, DTU;
7. Guard File.

(Prof. Raju Sarkar)
Associate Dean (Academic-PG)

Annexure 46.14 (vii) 121/C

The revised guidelines for "Sponsored Research Project Award" for Principal Investigator of Delhi Technological University are as follows:

A. PREAMBLE

Sponsored research project awards shall be conferred upon Principal Investigators of Delhi Technological University (DTU) in recognition of their achievement in securing sponsored research grant from any national and international funding agencies. The award aims to motivate and recognize individual excellence and contributions in research and development.

The award will be given for the sponsored projects completed during each year (1st January - 31st December). Principal investigators from DTU shall be eligible to apply for the award. A notice will be circulated annually inviting applications. The eligible Principal Investigators shall submit the prescribed application form, along with the required details and supporting documents of the completed sponsored research project, to the concerned section for consideration under the prescribed selection criteria.

B. DEFINITIONS

(i) **"University"** shall mean Delhi Technological University (DTU), Delhi.

(ii) **"Sponsored Research Project"** means research projects sponsored by Government organization, national/international funding agencies. Generally, the project cost including expenditure towards manpower, equipment, consumables and University support services, is borne by the sponsor. Normally, no honorarium or other payment is made to the principal investigator for undertaking the project.

(iii) **"Sponsor"** means an organization or funding agency that awards a Project to the University and provides the necessary financial support for its successful completion of the project in time.

(iv) **"Principal Investigator (P.I.)"** means, a faculty/ scientist /emeritus fellow/ chair professor/ visiting professor of the University with the necessary expertise and competence to undertake and conduct a sponsored research work. Normally, the faculty/scientist/ emeritus fellow/chair professor/ visiting professor, who submits the project proposal and is instrumental in securing the project funding shall be designated as the Principal Investigator (PI).

(v) **"Co-Principal Investigator (Co-PI)"** means a faculty/ scientist/ emeritus fellow/ chair professor/ visiting professor of the University with the necessary expertise and competence to conduct a Sponsored Research work. A Co-PI may share equal responsibility with the PI for project oversight, budget management, and reporting as part of a multi-investigator team or may be responsible for a specific portion of the project and retain limited administrative oversight over the grant.

(vi) **Research Faculty Development Fund (RFDF)** means a sub-account created by the R&D Office under R&D office under the R&D account for individual academic staff, including faculty members/ scientists/ emeritus fellows/ chair professors/ visiting professors) to which the Sponsored Research Project Award shall be credited. The University's share of overhead charges from sponsored research projects is also transferred to this account.

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C. AWARD MONEY AND SELECTION CRITERIA

1. The award money shall be released only after submission of the final project completion report to the funding agency, along with the Utilization Certificate (UC) and Statement of Expenditure (SE), duly certified by the Controller of Finance or an authorized nominee of the University.

2. **The award money shall be:**

Actual Project Fund Utilization (excluding overhead charges)	Award Money
Less than ₹20 lakh	10% of the actual project fund utilization, subject to a maximum ceiling of ₹1.50 lakh.
₹20 lakh to less than ₹50 lakh	7.5% of the actual project fund utilization, subject to a maximum ceiling of ₹2 lakh.
₹50 lakh and above	2% of the actual project fund utilization, subject to a minimum of ₹2 lakh and a maximum of ₹10 lakh

D. AWARD MONEY AND DISTRIBUTION

1. The maximum ceiling amount for the award money shall be Rs. 10 Lakh. Fifty percent (50%) of the award money shall be paid as cash award to Principal Investigator (PI) and Co-Principal Investigator(s) (Co-PIs). The remaining Fifty percent (50%) award money shall be credited to RFDF account of the PI and Co-PI(s).
2. In case of consortia project, the award money distributed to member/PI shall be calculated on the basis of the actual amount utilized against the sanctioned project amount allocated to DTU, excluding overhead charges.
3. Distribution of Award Money among PI and Co-PIs
   (a) The PI will decide the distribution of award money among the Co-PI(s), subject to the provisions specified below.
   (b) Out of 50% of the total award money earmarked as cash award, a minimum 25% and a maximum of 50% award money shall be allocated to Co-PI(s), as decided by the PI.
   (c) The distribution of the award money allocated to Co-PIs shall be among the eligible DTU faculty members/scientist/emeritus fellow/chair professor/ visiting professors who are designated as Co-PIs. In case one or more Co-PI(s) are from outside DTU, the part of the award money of the external Co-PI will not be deducted from the award money of the DTU Co-PI(s).

E. POWER TO REMOVE DIFFICULTIES:

If any difficulty arises in giving effect to the provisions of these guidelines, the Vice Chancellor may make such provisions, as appeared to be necessary or expedient for removing the difficulty.

Note: These guidelines will be implemented with effective from 1st January, 2027.

Annexure 46.14(viii) 110/C

The revised guidelines for the award for submission of Ph.D. thesis within stipulated period are as follows:

A. PREAMBLE:

In recognition of the importance the timely completion of high-quality research and to encourage excellence and innovation among Ph.D. scholars, the cash award shall be given to Ph.D. scholars and their respective supervisors for submission of the Ph.D. thesis within the prescribed period, as stipulated in the Ph.D. Ordinance, along with significant research contributions.

B. DEFINITIONS:

(i) **"University"** shall mean Delhi Technological University (DTU), Delhi.

(ii) **"Supervisor":** An individual who is a regular faculty member approved by the Academic Council to guide/supervise Ph.D. candidates of the University.

(iii) **"Ph.D. Candidate":** An individual who is registered for a Ph.D. degree in the Delhi Technological University.

(iv) **"DTU Ph.D. Ordinance":** The rules with which a Ph.D. candidate is governed during the Ph.D. period.

C. NATURE OF THE AWARD

The award will be granted to Ph.D. students studying in various departments/Centres and their respective supervisors. The candidates will be awarded a cash prize along with a certificate of merit.

D. ELIGIBILITY CRITERIA

This award shall be granted subject to the fulfilment of the following conditions:

1. **Timely submission of Ph.D. Thesis:**
   The Ph.D. thesis has been successfully submitted by the candidate within the three months beyond the minimum prescribed period, as per the DTU Ph.D. Ordinance. The award shall be subject to the final award of the Ph.D. degree by the University.
2. **Qualifying Research Outputs:**
   The candidate must have achieved minimum three qualifying research outputs, satisfying any one of the following criteria:
   (i) Three publications in journals indexed in the Web of Science Core Collection and included in the JCR, with an average JIF percentile ≥ 50; or
   (ii) Three Utility Patents Granted in either IP5 or India. The IP5 refers to a group of the five largest intellectual property offices (IPOs) in the world, that includes the United States Patent and Trademark Office (USPTO), the European Patent Office (EPO), the Japan Patent Office (JPO), the Korean Intellectual Property Office (KIPO), and the State Intellectual Property Office of the People's Republic of China (SIPO, now CNIPA - China National Intellectual Property Administration); or
   (iii) Any combination of qualifying publications and the granted patents totalling three research outputs; or
   (iv) Development of technology achieving a minimum Technology Readiness Level (TRL-4).

   The publications and/or patents considered for the purpose of this award must be related to and form part of the research work reported in the Ph.D. thesis.

3. The Ph.D. candidate must have successfully completed the Course Work, Comprehensive Examination, and approval of the Research Plan within the stipulated period, as prescribed under the DTU Ph.D. Ordinance.
4. The Ph.D. Candidate has not made any of the mandatory publications prescribed under the DTU Ph.D. ordinance in journals that levy Article Processing Fees/Charges.
5. The Ph.D. thesis must have been recommended by both examiners for the award of the Ph.D. degree, either without revisions or subject only to minor revisions.
6. The candidate must submit Ph.D. thesis submission certificate and the Ph.D. Award notification issued by the University.
7.

E. AWARD MONEY AND DISTRIBUTION

A cash award of Rs. 50,000/- will be awarded to the Ph.D. Student and a cash award of Rs. 50,000/- will be awarded to the thesis supervisor/joint supervisor(s) along with the Certificate of Merit.

(i) In case there is more than one supervisor/joint supervisor, an equal amount will be distributed to all the supervisors/joint supervisors.

(ii) In case one or more External Supervisors are involved, then an equal amount will be deducted from the total cash award, and the remaining amount will be distributed equally among the internal supervisors/joint supervisors.

F. PROCEDURE FOR THE AWARD

(i) A notice shall be issued annually inviting applications for the award, along with the prescribed entry form. A committee will be constituted by Hon'ble Vice Chancellor to determine the eligibility of the entries.

(ii) A certificate regarding the completion of the Comprehensive Examination within the stipulated period, as prescribed in the DTU Ph.D. Ordinance, shall be obtained from the Supervisor through the Chairperson, DRC.

(iii) A certificate regarding the recommendation of the Ph.D. thesis by both examiners for the award of the degree, either without revisions or subject only to minor revisions, shall be obtained from the Supervisor through the Chairperson, DRC.

G. DISCLAIMER:

DTU reserves the right to consider or reject any application, determine the date and procedure for the award, and take decisions on any matter not specifically covered under these guidelines. The decision of DTU regarding the selection of awardees shall be final and binding.

H. POWER TO REMOVE DIFFICULTIES:

If any difficulty arises in giving effect to the provisions of these guidelines, the Vice Chancellor may make such provisions, as appeared to be necessary or expedient for removing the difficulty.

Note: These guidelines will be implemented with effective from 1st January, 2027.

The revised guidelines for innovation research awards for the inventors of Delhi Technological University are as follows:

The cash award will be given to inventors in recognition of the grant of their Patent applications in India and/ or IP5. The IP5 refers to a group of the five largest intellectual property offices (IPOs) in the world, that includes the United States Patent and Trademark Office (USPTO), the European Patent Office (EPO), the Japan Patent Office (JPO), the Korean Intellectual Property Office (KIPO), and the State Intellectual Property Office of the People's Republic of China (SIPO, now CNIPA - China National Intellectual Property Administration). The awards are aimed to motivate and recognize individual excellence in innovation. The awards will be given for the patents granted in each year (1st January - 31st December). Inventors from DTU can apply for the award. A notice will be circulated annually and the application form for getting the details of granted patents qualifying the selection criteria will be submitted to the concerned section.

DEFINITIONS:

1. **"University"** shall mean Delhi Technological University (DTU), Delhi.
2. **"Patent application":** A document filed in a patent office for the grant of exclusive rights pertaining to a novel invention, which has not been assigned a patent grant/ issue number but has an application number.
3. **"Patent":** A document appearing in a patent office journal having both patent application number and corresponding grant/ issuance number, providing exclusive rights on an invention and its processes to its applicant(s).
4. **"Faculty Member of the University":** An individual who is a regular faculty member of the University.
5. **"University Student":** An individual who is registered for any degree in the Delhi Technological University.
6. **"Inventor":** An individual who is either a faculty member of the university or a university student and his/ her name appears in the list of inventors on either the certificate of Patent Grant or equivalent.
7. **"Applicant":** The person/ organization who has the right to file the patent application for the protection in the patent office.
8. **"Patentee":** The person/ organization/ entity to whom a patent is granted.

AWARD MONEY:

a) A cash award of ₹50,000 (Rupees Fifty Thousand only) shall be awarded to a University innovator(s) for each patent granted. However, a maximum of three cash awards shall be awarded to an individual in a calendar year.

b) If any University innovator is granted more than three patents in a calendar year, the additional patents beyond the first three shall be eligible for the award of a Certificate of Merit.

c) However, if a patented technology is commercialized through technology transfer, the inventor(s) shall be entitled to receive an incentive equivalent to 1% of the total value received from the technology transfer, subject to a maximum ceiling of ₹ 5,00,000 (Rupees Five Lakh only), in addition to the cash award specified above.

-10-

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SELECTION CRITERIA:

(i) The patent application must have been GRANTED by either the Indian patent office or any of the offices of IP5.

(ii) One of the patentees must be 'Delhi Technological University' with a minimum of 20% of financial share in case of mortgage/ commercialization/ monetization of the granted patent.

(iii) The original term of the granted patent must be 20 years from the date of the filing.

(iv) The follow-up inventions (either in the same country or foreign filings) linked to a particular priority date, for which an award has already been granted, will only be considered for the certificate and not for the prize money.

REGULATIONS FOR DIVISION & DISTRIBUTION OF AWARD PRIZE:

Case 1: Equal distribution of the award money amongst the inventors from the University.

Case 2: If one (or more) of the inventor(s) is/ are external to the University and University is one of the applicants, then the award amount will be proportional to the financial share of university (i<=Financial share<=100) as decided in NoC/ MoU at the time of filing the patent application.

POWER TO REMOVE DIFFICULTIES:

If any difficulty arises in giving effect to the provisions of these guidelines, the Vice Chancellor may make such provisions, as appeared to be necessary or expedient for removing the difficulty.

Note: These guidelines will be implemented for the Patents granted with effective from 1st January, 2027.

Annexure 46.14(x) 108/C

The revised guidelines for research & development schemes for faculty are as follows:

Research & Development (R&D) schemes for faculty are designed to strengthen the academic and intellectual environment within the University. These schemes aim to promote innovation, facilitate interdisciplinary collaboration, and enhance the quality of education and research output. The primary objective of these funding schemes is to secure external grants from sponsoring agencies, which play a vital link between researchers and funding bodies, ensuring that promising ideas receive the necessary support to materialize into impactful outcomes.

1.1 General

Faculty members are eligible to avail the schemes during their tenure at the University. A faculty member may serve as the Principal Investigator (PI) of only one Scheme at a time and may avail themselves of each Scheme only once as Principal Investigator during their tenure at the University. A faculty member may serve as a Co-Principal Investigator (Co-PI) multiple times under any scheme, except under YFG, where the provision for a Co-PI is not permitted. However, a faculty member shall not simultaneously serve as the PI or Co-PI of more than one project under any of the Schemes. Preference shall be given to persons with disabilities (PwD), subject to the fulfilment of the eligibility and other requirements of the respective scheme.

1.2 Young Faculty Grant

Under this scheme, the R&D Office shall invite project proposals annually from Assistant Professors who meet either of the following eligibility criteria:

(i) They have joined the University within the last five years and hold a PhD degree;

or

(ii) They have completed their PhD within the last two years and have joined the University within the last seven years.

The project duration will be two years. Faculty members whose project proposals are selected/awarded will receive a total grant of up to Rs. 5,00,000/- (Rupees five lakh). However, Co-PI is not permitted under this scheme.

1.2.1 Information required in a project proposal.

a. Project title
b. Details of Principal Investigator (Name, Department, education qualification, publications in last five years)
c. Origin and Importance of the project
d. National and International status of the project
e. Objectives
f. Methodology
g. Budget
h. Expected outcome(s) from the project.

1.2.2 Selection of projects and funding

Projects will be selected for funding solely on the basis of scientific merit, as assessed by a review committee established by the University. Upon selection, a sanction letter detailing the budget breakdown will be issued to the Principal Investigator of the selected project. Initially, fifty percent o the grant will be disbursed for the first year. The release of funding for the second year will be contingent upon the review of the annual progress report.

1.2.3 Utilisation of funds

a) The funds of the projects shall only be used for the purposes specified in the sanction letter vis-a-vis small equipment, consumables, contingencies and travel. The funds shall NOT be used for salary/honorarium payments to Ph.D. students, JRF, SRF, staff, etc.
b) Any deviation from the budget or project duration requires prior approval from the competent authority.

1.2.4 Submission of Report

a) PI is required to submit a project progress report after the completion of one year, which includes the submission of at least one research project to an external funding agency.
b) PI must submit a final technical report upon completion of the project, highlighting the achievements vis-a-vis proposed objectives, outcomes in terms of publications, patents and information on projects submitted to external funding agencies.

1.2.5 Expected Outcome(s)

The success of the project will be judged based on:

a) Submission of the project proposal to an external funding source and receipt of an external grant.
b) Two publications in Web of Science Core Collection journals included in the JCR with an average JIF percentile ≥ 50; or
c) Two granted patents; or
d) Any combination of qualifying publications and granted patents, totalling two research outputs.

The publications must acknowledge the funding and scheme.

1.3 Equipment Matching Grant for Faculty

The Equipment Matching Grant scheme aims to support faculty members in strengthening their research capabilities by providing financial support to develop new capabilities and establish high-value research facilities in emerging areas, as well as for acquiring essential research equipment. Under the scheme, the R&D Office will provide a matching grant of up to ₹35 Lakhs or an amount equivalent to the external funds secured by the faculty member under the equipment/non-recurring grant head, whichever is lower. To qualify for this matching grant, faculty members must obtain external funding of an equivalent amount specifically towards the equipment/non-recurring head.

1.3.1 Information required:

a) Project details under which the equipment is sanctioned.
b) Amount of Equipment Grant Sanctioned by the funding agency & details thereof.
c) Amount of Matching Grant required from R&D.
d) Equipment proposed to be purchased.
e) Justification to avail a matching grant.
f) Names of other faculty/departments/centers/schools who/which can utilize the equipment.

1.4 Faculty Interdisciplinary Research Projects (FIRP)

The aim of the Faculty Interdisciplinary Research Project (FIRP) scheme is to enhance interdisciplinary and collaborative research in the University. FIRP proposals are to be submitted by teams of two or more faculty members working in different departments and having expertise in different disciplines.

These interdisciplinary research groups are anticipated to expand in size or merge with other research groups, thereby enhancing the level of expertise and research scope within a specific interdisciplinary theme. Furthermore, these interdisciplinary research groups are expected to attract significant support from external funding agencies and facilitate synergistic cross-research activities among faculty members across the University, resulting in joint research publications, patents, and PhD supervision.

The R&D Office shall annually invite proposals for FIRP, including those aligned with the Sustainable Development Goals (SDGs). In addition, a special call for research proposals based on the SDGs may be issued annually, subject to the approval of the competent authority. The teams whose project proposals are selected/awarded will receive a total grant of Rs. 10 Lakhs, with Rs. 5 Lakhs allocated as seed funding for the first year. The remaining Rs. 5 Lakhs shall be released after completion of the first year, subject to the successful submission of at least one research project proposal with a value exceeding 50 Lakhs to an external funding agency.

1.4.1 Information required:

a. Project title
b. Details of faculty members of the team (One of the team members to be listed as PI and the others as Co-PIs)
c. Origin and Importance of the Project
d. National and International status of the project
e. Objectives
f. Methodology
g. Expected outcomes
h. Interdisciplinary component of the project
i. Importance and relevance of the research expertise of the collaborators towards the project
j. Project Timeline & Milestone
k. Details of the funding agency to which project proposal can be submitted after the first year.
l. Budget breakup (maximum Rs 5 lacs per year)
m. Details of Reviewer(s) from the University (Optional)

1.4.2 Selection of projects and funding

Projects will be selected for funding purely on the basis of scientific merit and evaluated by a review committee constituted by the University. A sanction letter, along with the approved budget breakup will be released for the selected project to the Principal Investigator. Initially, fifty percent of the sanctioned grant will be released for the first year. In exceptional cases, up to seventy-five percent of the sanctioned grant may be released in the first year itself with the approval of the Dean R&D. The release of remaining funding for the second year will be contingent upon the review of the annual progress report and subject to the submission at least one research proposal worth more than 50 Lakhs to an external funding agency.

1.4.3 Utilization of funds

a) The funds of the projects shall only be used for the purposes specified in the sanction letter vis-a-vis small equipment, consumables, contingencies and travel expenses. The funds shall NOT be used for salary/honorarium/stipend payments for PhD students, JRF, SRF, staff, etc.
b) Any deviation from the allocated budget or project duration requires prior approval from the competent authority.

1.4.4 Submission of Report

a) PI is required to submit a project progress report upon the completion of one year. This report must include the submission of at least one research project to an external funding agency.
b) Following the completion of the project, the PIs are obligated to submit a final technical report, highlighting the achievements vis-a-vis proposed objectives, outcomes in terms of publications and details regarding projects submitted to external funding agencies.

1.4.5 Expected Outcome(s)

The success of the project will be evaluated after 3 years:

i. Submission of a project proposal exceeding 50 lakhs to an external funding agency and receiving of an external grant.
ii. Three publications in Web of Science Core Collection journals included in the JCR with an average JIF percentile ≥ 50; or
iii. Three granted patents; orAny combination of qualifying publications and granted patents totalling three research outputs; or
iv. Achievement of Technology Readiness Level (TRL-3).

The publications must acknowledge the funding and scheme.

1.5 Multi- organizational Faculty Interdisciplinary Research Projects (MFIRP)

The goal of the Multi-organizational Faculty Interdisciplinary Research Projects (MFIRP) is to promote collaborative research among partnering institutes, universities, and research laboratories, and to secure substantial support from external funding agencies. This scheme is applicable to institutions, universities, organizations and research laboratories with which DTU has Memorandums of Understanding (MoUs) for MFIRP. The R&D office encourages faculty members to collaborate with counterparts from other institutions, both within India and internationally. The scheme provides funding to teams comprising faculty members from different institutions or universities, requiring at least two Principal Investigators (PIs), one from each participating entity. Additionally, PIs have the flexibility to include Co-PIs from the same or different departments without any additional financial implications.

General Guidelines

i. **Funding & Duration**
   a) The project duration and grant can vary depending on the collaborating Institute.
   b) In general, the project duration ranges from 6 months to 2 years.
   c) The supporting grant typically amounts to approximately Rs. 5 Lakhs per year from DTU, with a matching contribution expected from each of the collaborating institute, university, organization or research laboratory.

ii. **Submission of Project**

a) The complete MFIRP proposal should be submitted by the PI from DTU to the Dean R&D.

b) Each team is allowed to submit only one proposal at a time.

c) The PI from the other institutes/universities/organization must also submit one printed copy of the same proposal to the respective office of the collaborating institute/university/organization, following the provisions outlined in the call.

iii). **Selection of projects**

a) Projects will be selected for first-phase funding purely on the basis of scientific merit, as evaluated by a review committee constituted by the DTU.

b) Out of the selected project proposals, DTU PI will be awarded Rs. 5 Lakhs and a similar matching contribution to the other institute/University PIs from the collaborating Institutes for the first year.

c) The release of funding for the second year will be contingent upon the review of the annual progress report and the submission of a joint project proposal worth more than 50 Lakhs to an external funding agency.

d) To request a budget revision and tenure extension for the second year of funding and project tenure extension, the PIs must submit a "Budget Revision & Tenure Extension" request.

iv). **Utilization of funds**

a) The funds of the projects should only be used for the purposes specified in the sanction letter vis-a-vis consumables, contingencies and support staff salaries. The funds should NOT be used for supporting PhD students, JRF, SRF, etc. Additionally, supporting staff should not receive financial support from two funding sources simultaneously.

b) Funds may only be used for core research activities.

c) Any deviation from the budget/project duration requires prior approval from the competent authority.

v). **Collaborative Activities**

Collaboration activities between the two universities/institutions may involve:

a) Incorporating project work as part of students' dissertation work. In such cases, the respective student will be jointly supervised by both the Principal Investigators (PIs) of the collaborating institutes.

b) Undertaking joint research projects aimed at advancing knowledge and addressing research challenges collaboratively.

c) Promoting and implementing any other form of partnership that is mutually beneficial to both DTU and the collaborating institute. Such partnerships will be jointly identified and executed by both entities.

vi). **Conflict Resolution**

The issues pertaining to Collaborative Research Agreement, Intellectual Property Rights, and joint supervision will be addressed in accordance with the guidelines outlined in the Memorandum of Understanding (MoU) between DTU and the collaborating institutes/organizations. These guidelines are detailed in the MoU document and provide a framework for managing collaborative research endeavours, addressing intellectual property concerns, and facilitating joint supervision arrangements.

vii). Submission of Report

a) An interim project progress report is required upon the completion of the first year, which should include the submission of at least one research project worth of more than 50 Lakhs to an external funding agency and/or a project progress presentation.

b) Upon the completion of the joint project, the PIs are required to submit a final technical report. This report should outline the achievements in relation to the proposed objectives, including outcomes such as publications, patents, conference proceedings, etc. Additionally, it should provide details on projects submitted to external agencies, following the format mutually agreed upon with the collaborating institute.

viii). Expected Outcome(s)

i. Submission of the project to an external funding source and receiving an external grant.

ii. Three publications in Web of Science Core Collection journals included in the JCR with an average JIF percentile ≥ 50; or

- Three granted patents; or
- Any combination of qualifying publications and granted patents totalling three research outputs; or
- Achievement of Technology readiness level (TRL-4).

The publications must acknowledge the funding and scheme.

ix). Call Schedule

Subsequent calls for proposals will be announced depending on factors such the availability of funds, the success of previous calls, and opportunities for collaboration with other institutes.

Note: While general guidelines are provided in the project call for proposals, specific terms and conditions for foreign projects collaborating with foreign universities/institutes are formulated only after mutual agreement. Some criterion outlined in the guidelines may vary depending on the participating university/institute. For example, eligibility conditions, call duration, supporting funds, etc., may differ based on the partner university/institute.

x). POWER TO REMOVE DIFFICULTIES:

If any difficulty arises in giving effect to the provisions of these guidelines, the Vice Chancellor may make such provisions, as appeared to be necessary or expedient for removing the difficulty.

Note: These guidelines will be implemented with effective from 1st January, 2027.

Annexure 76.14(xi)

Annexure - 1

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1. Innovation Continuum Research and Development (ICRD) Scheme

A. PREAMBLE

Delhi Technological University (DTU) is committed to fostering a culture of innovation, research and technology development among its students. The Innovation Continuum Research and Development (ICRD) Scheme is introduced to provide sustained, faculty-mentored support to student teams for addressing real-world and socially relevant problems through interdisciplinary research, prototype development, technology validation and intellectual property generation. The Scheme aims to ensure continuity of promising projects across student batches and facilitate their progression towards incubation, technology transfer and deployment.

B. DEFINITIONS

(i) **"University":** shall mean Delhi Technological University (DTU), Delhi.

(ii) **"Scheme":** shall mean the Innovation Continuum Research and Development (ICRD) Scheme of the University.

(iii) **"Dean R&D Office":** shall mean the Office of the Dean, Research and Development, DTU, which shall administer the Scheme.

(iv) **"Faculty Mentor":** shall mean a regular faculty member of the University who guides an ICRD team, and who may be assisted by an eligible co-mentor.

(v) **"Team Lead":** shall mean the student who coordinates team meetings, maintains documentation and acts as the primary student point of contact with the Faculty Mentor.

(vi) **"Committee":** shall mean the University-level Committee constituted to monitor student research and innovation schemes, including the ICRD Scheme.

C. OBJECTIVES OF THE SCHEME

The Scheme has been instituted with the following objectives:

(i) To build long-term, continuity-based student research and development teams in which promising work continues across student batches instead of ending when a batch graduates.

(ii) To enable students to work on real-world, socially relevant, industrially useful and nationally significant problems under structured faculty mentorship.

(iii) To support prototype development, technology validation and demonstrable Technology Readiness Level (TRL) progression.

(iv) To promote patent filing, design registration, software copyright and other forms of intellectual property, and to create a pipeline of technologies suitable for incubation, licensing, technology transfer or deployment.

(v) To encourage interdisciplinary and convergent research among students and faculty across departments, centres and schools.

D. THE CONTINUITY MODEL AND TEAM STRUCTURE

1. The Scheme follows a 1-2-3-4 continuity model. Each ICRD team shall normally consist of four students drawn from different stages of the undergraduate programme (typically one student each from the first, second, third and final years).

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2. One postgraduate student may be included as an optional fifth member where the project requires advanced research coordination, technical depth or project-management support.

3. Where a postgraduate student is part of the team, that student may serve as the Team Lead; otherwise the senior-most undergraduate student shall serve as the Team Lead.

   The Team Lead coordinates meetings, maintains documentation and acts as the primary student point of contact with the faculty mentor.

4. **Continuity Rule.** When the senior-most member graduates or exits, one new incoming student shall be inducted that year so that the team size remains constant and progress continues uninterrupted through the project life cycle. Every outgoing student shall complete a documented handover (Annexure-III), verified by the faculty mentor, before exit.

5. Multidisciplinary teams are strongly encouraged. A team may be newly formed for the Scheme or may evolve from an existing student innovation group, technical society or club project, provided it satisfies the eligibility and evaluation requirements.

E. ELIGIBILITY

Students. All regular undergraduate and postgraduate students of the University are eligible, from any department, centre or school and from any year of study. There is no minimum CGPA requirement for participation in the Scheme.

Selection of students shall not be based on marks or CGPA alone. Interest, relevant skills, motivation, commitment, project suitability, interdisciplinary ability and teamwork shall be given due weight.

A student may participate in only one ICRD project at a time, and should not be under any serious disciplinary action or academic misconduct proceedings.

Faculty Mentor. The faculty mentor shall be a regular faculty member of the University with academic, research, technical, field or industry experience relevant to the proposed project, and should preferably satisfy at least one of the following:

(a) filed, published or contributed to at least one patent;

(b) published at least one research paper in an SCI/SCIE/Scopus-indexed journal, reputed peer-reviewed journal or recognised conference;

(c) completed or currently handling at least one funded research, consultancy, innovation, industry or sponsored project;

(d) has guided a student project leading to a prototype, publication, patent filing, incubation, field deployment, technology transfer or industry validation; or

(e) has demonstrated experience in product development, software development, policy-model development, community deployment or interdisciplinary research.

Early-career faculty members who do not yet meet the above criteria may apply with an eligible co-mentor. Faculty members from different departments, centres or schools may jointly mentor interdisciplinary projects with the approval of the Committee.

A faculty mentor may normally mentor one ICRD project at a time; the Competent Authority may permit more than one project in deserving cases.

The Faculty Mentor shall provide academic and technical supervision, ensure continuity of the project across successive student batches, and oversee compliance with the approved milestones, documentation, and other requirements of the Scheme.

F. SCOPE OF PROJECTS AND SOURCES OF PROBLEMS

Project proposals may originate from real-world sectoral challenges; the problem repository of the Centre for Community Development and Research (CCDR), which shall be the preferred source; industry partners and external R&D collaborations; strategic national missions; University priority research clusters; departments, centres and schools; faculty members; or student teams themselves, presented with a faculty mentor.

Each project must address a clearly defined research, innovation, societal, industrial, technological, policy or community-development problem, be feasible within the proposed budget and available infrastructure, and pursue one or more measurable outcomes, such as:

(a) a functional prototype or demonstrable technology, with defined TRL milestones;

(b) a patent application, design registration, software copyright or formal invention disclosure;

(c) a software tool, dataset, algorithm, model, process, system or other technical artefact;

(d) field testing, stakeholder validation or deployment;

(e) a research publication, technical report or policy model, as a supportive outcome; or

(f) a scalable solution suitable for incubation, licensing, technology transfer or commercialisation.

Routine academic assignments, ordinary laboratory exercises and purely theoretical studies without an identifiable research, development, innovation, deployment or IP output shall not be supported. Preference shall be given to proposals with prototype potential, IP potential, societal relevance, industry linkage, national-mission alignment or University priority relevance.

G. FUNDING AND PERMISSIBLE EXPENDITURE

1. Each approved project may receive funding support of up to ₹2,00,000 (Rupees Two Lakh) per year from the UGF, subject to approval and availability of funds.

2. Funds shall be released to the faculty mentor, who shall be responsible for financial and technical oversight. The funds may be used for consumables; fabrication; testing and characterisation; prototype development; field studies and stakeholder validation; justified software tools, cloud services or computational resources; minor components; and validation-related technical documentation.

3. Funds shall not be used for personal expenses, honoraria or unrelated purchases unless specifically approved. Projects requiring higher capital expenditure may be facilitated to seek support through industry funding, sponsored projects, CSR, external grants, incubation funding or special University approval.

4. Continuation of funding beyond the first year is not automatic and shall depend on milestone achievement, TRL advancement, fund utilisation, team performance and the recommendation of the Review Committee.

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H. DURATION, REVIEW AND CONTINUATION

Projects may operate for a maximum duration of four years, subject to satisfactory progress, availability of funds, and the recommendations of the Review Committee

Each project shall be formally reviewed every six months by an Expert/Review Committee on the basis of: TRL progression; prototype development milestones; patent and IP readiness; team performance and continuity; relevance to societal and industrial needs; budget utilisation; and demonstrated innovation potential. The team shall present its progress in the format at Annexure-II.

The Committee may recommend continuation; continuation with modifications; additional mentoring or support to the team; temporary withholding of funds; replacement of inactive members; or closure of the project. Wherever practicable, the Committee shall first counsel and support a struggling team before recommending withholding of funds or closure.

Genuine research setbacks and honestly documented negative results shall not, by themselves, be treated as non-performance, provided the team demonstrates sincere effort and proposes a reasoned way forward.

Expected outcomes. By the end of the project cycle, each team is expected to deliver one or more of the outcomes listed at Clause F, including TRL advancement to at least Level 4 to Level 6 wherever applicable. At closure, the team shall submit a final technical report, prototype or demonstration details, a TRL achievement statement, IP and publication status, and an expenditure statement; the Committee may recommend the project for incubation, technology transfer, licensing, external funding or field deployment.

I. CALL FOR PROPOSALS, APPLICATION AND SELECTION

The Dean R&D Office shall issue a Call for 10 Proposals once every academic year, preferably at the beginning of the academic session, specifying the proposal format (Annexure-I), timelines, evaluation criteria and funding conditions.

Faculty-proposed projects. Approved project themes shall be circulated among students; interested students shall apply with a short statement of interest (Annexure-IV); the faculty mentor may hold an interaction; and the final selection shall be approved by the Committee or the Dean R&D Office.

Student-proposed projects. A student team may propose a project under the Scheme, provided it identifies an eligible Faculty Mentor who agrees to supervise the project. Proposals without an identified Faculty Mentor shall not be considered for approval.

Proposals shall be screened by the Dean R&D Office for completeness, eligibility, budget conformity and feasibility, and evaluated by an Expert Committee on novelty, technical feasibility, relevance, prototype and TRL potential, patentability, clarity of milestones, team capability and budget justification. The Expert Committee shall include external subject experts, and a majority of its expert members shall ordinarily be drawn from outside the University to promote independence, transparency and impartiality in the evaluation process.

Approved projects shall receive a formal sanction letter stating the approved title, mentor, team, budget, duration, review schedule, deliverables and IP conditions.

J. ANNUAL INDUCTION, HANDOVER AND REPLACEMENT

At the close of each academic year, vacancies arising from graduating members shall be identified, the skill gap assessed, and the opening circulated among students. Interested students shall meet the mentor and the existing team, and the selection shall be approved by the Committee or the Dean R&D Office, followed by orientation of the new member.

Every outgoing student shall submit a handover document (Annexure-III) covering work completed, technical status, prototype details, codes, designs and datasets, pending work, IP and publication status, signed non disclosure agreement and recommendations. The faculty mentor shall verify and approve the handover.

Where a member remains inactive or is unable to contribute, the faculty mentor may recommend replacement in writing with a brief record. The replacement shall be approved by the Dean R&D Office or the Committee, and the contribution made by the outgoing student up to that point shall be documented and duly acknowledged in project records and outputs to which the student contributed.

A student who wishes to withdraw for genuine academic or personal reasons may do so after completing the handover; such withdrawal shall not, by itself, attract any penalty or adverse record.

In case the faculty mentor leaves the university or is unwilling to continue, the project shall be reviewed by the Review Committee and may be either transferred to a competent alternate faculty mentor or terminated as per the recommendations of the committee

K. INTELLECTUAL PROPERTY, PUBLICATION AND PUBLIC DISCLOSURE

All intellectual property generated under the Scheme shall be governed by the University IPR Policy and, wherever applicable, the norms of the concerned funding or collaborating agency. The contribution of every inventor, including student inventors, shall be recorded.

Teams shall conduct a prior-art search at the concept or prototype stage and submit an invention disclosure to the IPR Cell wherever applicable. Patent applications should be pursued where the invention demonstrates novelty, inventive step and industrial applicability.

Publication is encouraged. However, before any paper, poster, abstract, presentation, competition entry, public demonstration or social-media disclosure of potentially patentable work, the team shall consult the faculty mentor and the IPR Cell, and the Dean R&D Office where required, so that IP filing may precede public disclosure. The University shall facilitate and support IP filing so that students' publication opportunities are not unduly delayed.

L. RECOGNITION AND INCENTIVES FOR STUDENTS

Students completing their association under the Scheme shall be issued a Certificate of Participation, and outstanding contributions may be recognised with a Certificate of Excellence.

Subject to the applicable academic rules and approval of the competent academic bodies, project work under the Scheme may be mapped to the minor project, major project, capstone project, internship or dissertation.

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Teams may be supported for prototype exhibitions, patent filing, publications, incubation, startup development, industry interaction, field deployment, technology demonstration, and pursuit of external funding opportunities based on prototypes, proof-of-concept designs, or other outcomes developed under the Scheme. Any application for, receipt of, or utilisation of external funding arising from an ICRD-supported project shall be governed by the applicable rules, regulations, guidelines, and policies of the University, including requirements relating to approvals, financial administration, intellectual property, and institutional attribution. The team shall also be recognised in the University innovation records.

M. GOVERNANCE, RECORDS AND GENERAL PROVISIONS

The Scheme shall be monitored by a University-level Committee comprising the Dean (R&D) or nominee, the Associate Dean (R&D), faculty experts, a representative of the IPR Cell, an innovation/incubation representative, and an industry or external expert wherever required.

The Dean R&D Office shall maintain records of calls, proposals, evaluations, sanctions, fund releases, reviews, inductions, handovers, IP disclosures and final reports.

Grievance. A student or mentor aggrieved by any decision under the Scheme may represent in writing to the Dean (R&D), who shall have the matter examined and disposed of expeditiously.

Relaxation. In genuine and deserving cases, the Competent Authority may, on the recommendation of the Committee, relax any provision of these guidelines on a case-to-case basis, in the interest of students and of research and innovation at the University.

In case of any ambiguity or dispute regarding interpretation of these guidelines, the decision of the Competent Authority shall be final.

N. DISCLAIMER: The DTU reserves the right to consider/reject any proposal, decide the dates and timelines, and decide any other matter which is not specified in these guidelines. The decision of DTU in the conduct of the Scheme and the approval, continuation or closure of projects is final and binding.

O. POWER TO REMOVE DIFFICULTIES: If any difficulty arises in giving effect to the provisions of these guidelines, the Vice Chancellor may make such provisions, as appeared to be necessary or expedient for removing the difficulty.

Annexure-I

DELHI TECHNOLOGICAL UNIVERSITY

Office of the Dean, Research and Development

Project Proposal Format

Innovation Continuum Research and Development (ICRD) Scheme

1. Project title	
2. Faculty mentor (name, designation, department, email, mobile)	
3. Co-mentor, if any (name, department)	
4. Student team details, if already identified (name, roll no., programme, year, department — for each member)	
5. Source of problem	*CCDR repository / industry / national mission / University priority area / faculty / student team (specify)*
6. Problem statement	*In brief; attach a separate sheet if required*
7. Background and need	
8. Objectives	
9. Proposed methodology	
10. Expected outcomes	*Prototype / IP / software / dataset / field deployment / publication etc.*
11. Starting TRL and expected TRL progression	
12. IP potential and prior-art understanding	
13. Budget requirement with item-wise justification (per year)	*Ceiling: ₹2,00,000 per year*
14. Timeline with six-month milestones	
15. Role of each team member	
16. Continuity and handover plan	

Declaration: *The proposal is original, is not a routine academic assignment, and is not under duplicate funding.*

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Signature of Faculty Mentor: _____

Signature of Team Lead: _____

Date: _____

Annexure-II

DELHI TECHNOLOGICAL UNIVERSITY

Office of the Dean, Research and Development

Six-Monthly Progress Report Format

Innovation Continuum Research and Development (ICRD) Scheme

1. Project title and sanction number	
2. Faculty mentor and team members	
3. Review period	*From ____ to ____*
4. Work completed and progress against approved milestones	
5. Prototype status and TRL advancement	
6. Patent / IP readiness and disclosures filed	
7. Publications or technical documentation	
8. Field validation or stakeholder engagement, if	

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DELHI TECHNOLOGICAL UNIVERSITY
Office of the Dean, Research and Development

Handover Pro Forma (Outgoing Student)
Innovation Continuum Research and Development (ICRD) Scheme

1. Name, roll no. and programme of outgoing student	
2. Project title and period of association	
3. Work completed by the student	
4. Current technical status of the project	
5. Prototype details and location of hardware	
6. Codes, drawings, designs, datasets and experimental records handed over (with repository/location)	
7. Pending work and known issues	
8. IP and publication status, including the student's recorded contribution	
9. Budget-related information, if any	
10. Recommendations and future work plan	

Signature of Outgoing Student: _____

Verified and approved — Faculty Mentor: _____

Date: _____

Annexure-IV

DELHI TECHNOLOGICAL UNIVERSITY

Office of the Dean, Research and Development

Student Application-cum-Induction Form

Innovation Continuum Research and Development (ICRD) Scheme

1. Name of student	
2. Roll number and programme	
3. Department / Centre and current year of study	
4. Email and mobile	
5. Project / theme applied for	
6. Relevant skills, coursework, tools and prior project experience	*Marks/CGPA are not the sole criterion for selection*
7. Statement of interest	*Why this project, and what you hope to contribute and learn (10–15 lines)*
8. Time commitment	*Weekly hours you can realistically devote*
9. Other scheme participation, if any	*A student may hold only one ICRD position at a time*

For office use: *Mentor interaction / Committee decision / date of induction and orientation.*

Signature of Student: _____

Recommended — Faculty Mentor: _____

Approved — Dean R&D Office / Committee: _____

Annexure - 2.

22/c.

2. Research Assistantship for Credits (RAC) Scheme guidelines of Delhi Technological University,

A. PREAMBLE

Delhi Technological University (DTU) is committed to strengthening its research culture by providing students with meaningful opportunities to gain hands-on experience in ongoing University research projects. The **Research Assistantship for Credits (RAC) Scheme** provides a structured platform for students to contribute to live, funded research projects under the guidance of Principal Investigators and earn **academic credit for genuine research contributions**.

B. DEFINITIONS

(i) **"University":** shall mean Delhi Technological University (DTU), Delhi.

(ii) **"Scheme":** shall mean the Research Assistantship for Credits (RAC) Scheme of the University.

(iii) **"Dean R&D Office":** shall mean the Office of the Dean, Research and Development, DTU, which shall administer the Scheme.

(iv) **"Principal Investigator" or "PI":** shall mean the faculty member who leads the funded research project to which a student is attached under the Scheme, and who shall assign tasks, guide and assess the student.

(v) **"Administrative Facilitator":** shall mean a Co-PI or project staff member who may assist the PI in providing day-to-day guidance to the student.

(vi) **"Student":** shall mean a regular undergraduate or postgraduate student of the University who is registered under the Scheme.

C. OBJECTIVES OF THE SCHEME

The Scheme has been instituted with the following objectives:

(i) To immerse students in the University's sponsored and DTU-funded research ecosystem, providing structured research exposure, technical skills and an understanding of real-world R&D processes.

(ii) To recognise genuine research contribution with academic credit, so that work on funded projects counts towards a student's academic progression.

(iii) To strengthen the University's research output in technologies, prototypes, data systems and publications through meaningful student participation.

D. ELIGIBILITY AND REGISTRATION

1. All regular undergraduate and postgraduate students of the University are eligible. No minimum CGPA is prescribed under these guidelines; selection shall be based on the skills and effort the project actually requires.

2. A student may hold only one RAC position at a time. Selection may involve a skill assessment or interview, as determined by the PI, and shall be based on relevant skills, interest, commitment and project requirements.

3. A student can be registered under the RAC Scheme only if the sponsored research project has at least 1 year of remaining duration from the date the student starts the engagement.

4. Available RAC positions shall be notified through the Dean R&D Office. Registration shall be processed through the Dean R&D Office using the Registration-cum-Task Sheet (Annexure-I), so that the student knows, at the outset, the assigned tasks, expected deliverables and assessment basis.

5. Students may be attached to externally funded projects (such as those of SERB, DST, DRDO, ISRO, or industry) or to DTU-funded projects administered through the R&D Office.

6. The Scheme shall be administered through the Office of the Dean, Research and Development, and the credits shall be aligned with the elective credit requirements under the Skill Enhancement Course structure.

E. STRUCTURE OF ENGAGEMENT

The student shall work under the supervision of the **Principal Investigator (PI)** of the project. A maximum of **four (04) students** may be engaged under a single project at any given time. The tasks shall be clearly defined by the PI and may be assigned individually or on a team basis. A **Co-PI or designated project staff member** may act as the Administrative Facilitator for day-to-day guidance and coordination.

The student shall contribute directly to project milestones, deliverables or technical components. Work must be measurable, relevant to project goals and technically substantive; purely clerical or peripheral work shall not be assigned for credit.

Students shall be provided access to the laboratory facilities, software, equipment and project infrastructure required for their assigned tasks.

Attendance and work progress shall be recorded in a logbook maintained by the PI (Annexure-II). Participation in the RAC Scheme shall not exempt a student from complying with the University's prescribed attendance requirements for any other registered course, class, or academic activity. Students shall remain responsible for fulfilling the applicable attendance requirements of all such courses and academic activities.

F. SCOPE OF WORK

Depending on the project, students may engage in:

(i) coding, algorithm design, simulations and data processing;

(ii) experimental work, fabrication, instrumentation and testing;

(iii) prototype development, subsystem integration and field validation;

(iv) technical documentation and literature surveys linked to project needs; and

(v) preparation of figures, results or components for manuscripts and reports.

G. CREDITS AND DURATION

1. A student may earn a maximum of 4 credits under the Scheme: 2 credits per semester, over at most two semesters.

2. Each RAC engagement runs for one semester and is extendable by one additional semester on satisfactory performance. The credits shall count towards elective credit requirements as approved by the competent academic bodies within the Skill Enhancement Course (SEC) structure.

3. The RAC carries no stipend; the recognition is academic credit. This shall not bar a PI from separately engaging the student in any paid capacity permissible under the norms of the funding agency and the University, outside the credited work.

H. EVALUATION AND AWARD OF CREDITS

Continuous assessment by the PI — 60%. Progress on assigned tasks; technical accuracy and quality of work; and regularity, discipline and quality of documentation.

Final deliverables — 40%. Verified output integrated into the project (such as a code module, dataset, prototype, analysis, subsystem or manuscript contribution); a concise technical report; and a brief presentation or viva (Annexure-III).

Credits shall be awarded on successful completion of the assigned tasks, submission of validated deliverables, and certification by the PI. The assessment shall be communicated to the concerned academic section through the Dean R&D Office.

Tasks assigned at registration shall be realistic for the semester and the credit load. Where a task becomes infeasible for reasons beyond the student's control (such as equipment failure, or a change in project direction), the PI shall redefine an equivalent task rather than penalise the student, recording the change in the Task Sheet.

I. WITHDRAWAL, CHANGE AND GRIEVANCE

Withdrawal from an RAC engagement requires the approval of the PI and shall be reported to the Dean R&D Office. Withdrawal for genuine academic or personal reasons, with proper handover of work and materials, shall not attract any penalty or adverse record.

A student may seek a change of project between semesters; the second semester of RAC need not be in the same project, subject to registration afresh under Clause D.

Grievance. A student aggrieved by any decision under the Scheme, including assessment, may represent in writing to the Dean (R&D), who shall have the matter examined — where required, through an independent faculty member — and disposed of expeditiously.

J. INTELLECTUAL PROPERTY AND CONFIDENTIALITY

Intellectual property generated under the Scheme shall be governed by the University IPR Policy and the norms of the concerned funding agency. The contribution of the student shall be duly recorded, and authorship and inventorship shall follow accepted academic norms.

Students shall observe all confidentiality, data-handling, and publication requirements applicable to the project, as communicated by the PI at the time of registration, and shall not publish, disclose, or use any part of the project work for an independent publication or prototype design without the prior written permission of the PI.

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K. GOVERNANCE AND GENERAL PROVISIONS

Monitoring. The Scheme shall be monitored by the University-level committee constituted for student research and innovation schemes, with performance monitoring administered through the Dean R&D Office. The Office shall maintain records of notified positions, registrations, task sheets, logbook certifications, evaluations and credit recommendations.

Relaxation. In genuine and deserving cases, the Competent Authority may, on the recommendation of the Committee, relax any provision of these guidelines on a case-to-case basis, in the interest of students and of research at the University.

In case of any ambiguity or dispute regarding interpretation of these guidelines, the decision of the Competent Authority shall be final.

L. DISCLAIMER: The DTU reserves the right to consider/reject any application, decide the dates and timelines, and decide any other matter which is not specified in these guidelines. The decision of DTU in the conduct of the Scheme and the award of credits is final and binding.

M. POWER TO REMOVE DIFFICULTIES: If any difficulty arises in giving effect to the provisions of these guidelines, the Vice Chancellor may make such provisions, as appeared to be necessary or expedient for removing the difficulty.

18/c.

Annexure-I

DELHI TECHNOLOGICAL UNIVERSITY

Office of the Dean, Research and Development

Registration-cum-Task Sheet

Research Assistantship for Credits (RAC) Scheme

1. Name of student, roll no., programme, semester, department	
2. Email and mobile	
3. Project title	
4. Funding agency / source	*SERB / DST / DRDO / ISRO / industry / DTU internal (specify)*
5. Principal Investigator (name, designation, department)	
6. Administrative Facilitator, if any (Co-PI / project staff)	
7. Semester of engagement	*First / Second semester under RAC; credits: 2*
8. Assigned tasks and expected deliverables	*To be filled by the PI in specific, measurable terms*
9. Facilities and access to be provided	
10. Confidentiality / data / publication conditions, if any	*As applicable to the project*
11. Mode of selection	*Skill assessment / interview / portfolio review (specify)*

Undertaking by student: *I hold no other RAC position and shall follow the project's documentation, confidentiality and IP requirements.*

Signature of Student: _____

Signature of PI: _____

Registered — Dean R&D Office: _____

17/c

Annexure-II

DELHI TECHNOLOGICAL UNIVERSITY
Office of the Dean, Research and Development

Logbook Format (Maintained by the PI)
Research Assistantship for Credits (RAC) Scheme

The logbook may be maintained in physical or electronic form, with entries on each working day or session, in the following format:

Date and duration of session	
Task(s) worked upon	*With reference to the Task Sheet*
Work done / progress made	
Remarks of PI / Facilitator, with initials	

At the end of the semester, the PI shall certify the logbook and use it as the basis of the 60% continuous assessment.

16/c

Annexure-III

DELHI TECHNOLOGICAL UNIVERSITY

Office of the Dean, Research and Development

Final Report and PI Certification

Research Assistantship for Credits (RAC) Scheme

1. Name of student, roll no., programme	
2. Project title and PI	
3. Semester of engagement	*First / Second semester under RAC*
4. Tasks assigned (as per Task Sheet, including any recorded changes)	
5. Work completed and deliverables submitted	*Code module / dataset / prototype / analysis / subsystem / manuscript contribution etc.*
6. Integration of the output into the project	*How and where the output is used*
7. Concise technical report	*Attached (5–10 pages suggested)*
8. Presentation / viva	*Date and panel*
9. Continuous assessment by PI (60%)	*Marks / grade*
10. Final deliverables assessment (40%)	*Marks / grade*
11. Total and recommendation for award of 2 credits	

Certification by the Principal Investigator: *Certified that the student completed the assigned tasks, the deliverables have been validated and integrated into the project, and the award of credits is recommended.*

Signature of Student: _____

Signature of PI (with date): _____

Forwarded — Dean R&D Office: _____

Annexure-3. 15/C.

3. Summer Research Internship (SRI) Scheme of Delhi Technological University.

A. PREAMBLE

Delhi Technological University (DTU) is committed to promoting research, innovation and experiential learning among its students. The **Summer Research Internship (SRI) Scheme** aims to provide students with a structured and funded opportunity to undertake research during the summer vacation under the guidance of DTU faculty.

The Scheme seeks to develop students' research aptitude, critical thinking, problem-solving and innovation skills through hands-on engagement with academic, industrial and societal problems, while encouraging meaningful research outputs and strengthening the research culture of the University.

B. DEFINITIONS

(i) **"University":** shall mean Delhi Technological University (DTU), Delhi.

(ii) **"Scheme":** shall mean the Summer Research Internship (SRI) Scheme of the University.

(iii) **"Dean R&D Office":** shall mean the Office of the Dean, Research and Development, DTU, which shall administer the Scheme.

(iv) **"Faculty Guide":** Each project shall be mentored by a faculty member of a department or centre, who shall serve as both Administrative Facilitator and Guide. A faculty member may supervise one SRI project in a given cycle.

(v) **"Student":** shall mean an undergraduate or postgraduate student of the University who is eligible for and participates in the Scheme.

C. OBJECTIVES OF THE SCHEME

The Scheme has been instituted with the following objectives:

(i) To cultivate a culture of inquiry, innovation and hands-on research among students by supporting them, during the summer vacation, to independently identify, analyse and solve real-world academic, industrial or community-based problems under the mentorship of DTU faculty.

(ii) To expose students to systematic investigation, critical thinking and structured project execution, and to enable meaningful research to compete with unrelated summer engagements by carrying a stipend.

D. ELIGIBILITY CRITERIA

This Scheme will be open to a student if the following conditions are satisfied:

1. The student is enrolled in the 4th or 6th semester of an undergraduate programme, or the 2nd semester of a postgraduate programme, at the time of application, with a CGPA of 7.0 or above.

2. A student may submit only one proposal in a cycle. A project may be taken up individually.

E. NATURE AND SCOPE OF WORK

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Students shall identify a researchable problem relevant to their discipline or an interdisciplinary domain. The work may be experimental, computational, design-led or field-based, and may involve modelling, simulation, design studies, technology development or innovation-driven solutions.

The proposal must state clear research objectives, methodology, data analysis (where applicable), and well-defined deliverables. Each project must aim at least one clear, measurable output, such as:

(i) a prototype, model or experimental demonstration;

(ii) a structured research report;

(iii) a dataset, algorithm or software module;

(iv) design documentation; or

(v) a publication-ready manuscript (desirable).

F. STIPEND AND FUNDING

1. The internship carries a stipend of ₹10000 per month for UG students and ₹12000 per month for PG students subject to approval and availability of funds. The applicable rate shall be indicated in the annual Call for Proposals.

2. Funding shall be provided from the UGF. The sanctioned stipend shall be released through the Dean R&D Office, which shall endeavour to release it in a timely manner upon fulfilment of the reporting requirements.

3. No fee or charge of any kind shall be payable by a student for applying to or participating in the Scheme.

G. CALL FOR PROPOSALS, APPLICATION AND SELECTION

I. The Dean R&D Office shall announce the Call for 100 Proposals every year in January, specifying the format (Annexure-I), timelines and the number of internships available.

II. Students shall submit proposals in association with an identified Faculty Guide. The application process shall be kept simple, and no document beyond those listed in Annexure-I shall ordinarily be demanded.

III. Proposals shall be evaluated on clarity of objectives, soundness of methodology, originality, feasibility within eight weeks, and the quality and utility of the proposed deliverable. Selection results shall be notified before the commencement of the summer vacation.

H. CONDUCT OF INTERNSHIP AND DELIVERABLES

I. The internship shall run for two months during the summer vacation. Students are expected to devote themselves substantially to the project during this period and to remain in regular contact with the Guide.

II. On completion, the student shall submit a final project report, signed by the Guide, indicating successful completion (Annexure-II). The report, together with the agreed output under Clause E, constitutes the deliverable of the internship.

III. The Dean R&D Office may conduct sample checks, presentations or evaluations to ensure the quality and authenticity of the work.

IV. Research carries uncertainty. Where a project does not reach its intended result despite sincere and well-documented effort, the honest reporting of negative or partial results shall be acceptable for completion, provided the methodology, effort and learning are clearly demonstrated to the satisfaction of the Project Guide.

I. EVALUATION AND CERTIFICATION

Evaluation shall consider clarity of objectives, methodology, originality, level of effort, output quality and the final deliverables.

On successful completion, the student shall be issued a Certificate of Completion of the Summer Research Internship by the Dean R&D Office (Annexure-III). Outstanding projects may be recommended for University-level recognition, exhibitions or further support, including under other student research schemes of the University.

Work done under the Scheme may feed into larger departmental or University research initiatives, and, subject to the applicable academic rules, may be developed further into minor/major projects or publications.

J. INTELLECTUAL PROPERTY AND PUBLICATION

Intellectual property, if any, generated under the Scheme shall be governed by the University IPR Policy, with the contribution of student inventors duly recorded. Before public disclosure of potentially patentable work, the team shall consult the Faculty Guide and the IPR Cell.

Publications arising from the internship are encouraged and shall appropriately acknowledge the Scheme and the University.

K. GOVERNANCE AND GENERAL PROVISIONS

Monitoring. The Scheme shall be monitored by the University-level committee constituted for student research and innovation schemes. The Dean R&D Office shall maintain records of calls, proposals, evaluations, sanctions, stipend releases and completion reports.

Grievance. A student aggrieved by any decision under the Scheme may represent in writing to the Dean (R&D), who shall have the matter examined and disposed of expeditiously.

In case of any ambiguity or dispute regarding interpretation of these guidelines, the decision of the Competent Authority shall be final.

L. DISCLAIMER: The DTU reserves the right to consider/reject any application, decide the dates and timelines, and decide any other matter which is not specified in these guidelines. The decision of DTU in the conduct of the Scheme and the selection of participants is final and binding.

M. Withdrawal from SRI Engagement: In case of voluntary withdrawal or discontinuation from the SRI engagement before completion of the prescribed two (02) months, the student shall be eligible for the stipend only for the period actually completed, subject to applicable attendance and other scheme conditions. No stipend shall be payable for the remaining uncompleted period.

N. POWER TO REMOVE DIFFICULTIES: If any difficulty arises in giving effect to the provisions of these guidelines, the Vice Chancellor may make such provisions, as appeared to be necessary or expedient for removing the difficulty.

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Annexure-I

DELHI TECHNOLOGICAL UNIVERSITY
Office of the Dean, Research and Development

Internship Proposal Format
Summer Research Internship (SRI) Scheme

1. Title of the proposed project	
2. Student 1 (name, roll no., programme, semester, department, CGPA, email, mobile)	
3. Student 2, if any (same details)	*A team may have at most two students*
4. Faculty Guide (name, designation, department, email)	
5. Problem statement and motivation	*8–12 lines*
6. Objectives	
7. Methodology and work plan for two months	*Indicative week-wise plan*
8. Facilities required	*Laboratory / computational / field access, if any*
9. Expected deliverable(s)	*Prototype / report / software / dataset / design documentation / manuscript*
10. Relevance	*Academic, industrial or community relevance in brief*

Declaration by student(s): *I/We shall devote the internship period substantially to this project and have submitted only this one proposal under the Scheme.*

Signature of Student(s): _____

Consent of Faculty Guide: _____

Date: _____

Annexure-II

DELHI TECHNOLOGICAL UNIVERSITY
Office of the Dean, Research and Development

Final Report and Completion Certification
Summer Research Internship (SRI) Scheme

1. Title of the project	
2. Student(s) and roll number(s)	
3. Faculty Guide	
4. Duration	*From ____ to ____ (two months)*
5. Objectives, as approved	
6. Summary of work done and methodology followed	*Attach the full report*
7. Deliverable(s) achieved	*Prototype / report / software / dataset / design documentation / manuscript*
8. Outcomes, including negative or partial results, honestly stated	
9. Scope for further work, publication or IP, if any	

Certification by the Faculty Guide: *Certified that the student(s) carried out the above work under my guidance during the internship period, that the work is authentic, and that the internship has been successfully completed.*

Signature of Student(s): _____

Signature of Faculty Guide (with date): _____

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Annexure-III

DELHI TECHNOLOGICAL UNIVERSITY
Office of the Dean, Research and Development

Certificate of Completion (Format)
Summer Research Internship (SRI) Scheme

This is to certify that _____, Roll No. _____, of the Department of _____, Delhi Technological University, has successfully completed a Summer Research Internship under the SRI Scheme of the University on the project titled:

"_____"

under the guidance of _____ during the period _____ to _____, for eight weeks, and has submitted the final project report duly certified by the Guide.

Date: _____

Dean (Research & Development)
Delhi Technological University

34/C.

Govt. of N.C.T. of Delhi
DELHI TECHNOLOGICAL UNIVERSITY
(Formerly Delhi College of Engineering)
Shahbad Daulatpur, Bawana Road-Delhi-42

Research And Development

ANNEXURE: BUDGETARY IMPLICATIONS OF STUDENT RESEARCH AND INNOVATION SCHEMES

The financial implication is presented below for the first four years and recurring for subsequent years. For ICRD, the four-year figure accounts for continuing earlier cohorts while a new cohort is sanctioned each year.

Scheme	First Year Budget	Second Year Budget	Third Year Budget	Fourth Year Budget
Innovation Continuum Research and Development (ICRD)	₹40 lakh (20*₹2 lakh)	₹80 lakh (₹40 lakh + ₹40 lakh)	₹1.20 crore (₹80 lakh + ₹40 lakh)	₹1.60 crore (₹120 lakh + ₹40 lakh)
Research Assistantship for Credits (RAC)	NIL	NIL	NIL	NIL
Summer Research Internship (SRI)	₹24 lakh	₹24 lakh	₹24 lakh	₹24 lakh
Total	**₹64 lakh**	**₹1.04 crore**	**₹1.44 crore**	**₹1.84 crore**

Electronics & Communication Engg. Deptt.
DELHI TECHNOLOGICAL UNIVERSITY
(Formerly Delhi College of Engineering)
Shahbad Daulatpur, Bawana Road-Delhi-110042

DTU/ECE/BOS /2026-27/1970 Dated: 6/10/26

Minutes of Meeting

A BOS meeting was held on 05.10.2026 at 02:30 PM in Committee room of department of ECE, DTU. The following were discussed and approved:

1. The list of examiners for the various courses being taught in the current semester was presented to the BoS and approved by the BoS.
2. The detailed analysis of the program exit survey collected by IQAC was discussed in the BoS and the Action Taken Report was presented and approved.
3. The detailed analysis of the semester wise course feedback collected by all faculty members was discussed, and the suggestive/corrective action taken report was presented and approved by the BoS members.
4. A revision in the course structure of EC 106 (Electronic Workshop) from the current 1-0-2 format to 0-0-4 format was proposed based on a detailed stakeholder's feedback. The same was approved by the BoS.
5. The proposal for introduction of EC332 – NoC RTL Design & Microarchitecture as a Department Elective Course (DEC) for students of 6th Semester (III Year) of the B.Tech. ECE programme was presented before the Board of Studies. After discussion, the Board of Studies approved the introduction of EC332 – NoC RTL Design & Microarchitecture as a Department Elective Course with the proposed course structure of 3-0-2. (Course Overview attached as Annexure 1.)
6. The detailed analysis of the teacher's feedback (even semester, 2025-26) collected from all faculty members was presented, and the suggestive/corrective action taken report is approved by the BoS members.
7. Additionally, a proposal is received regarding industry relevant course to be introduce for M. Tech. (VLS). The proposal is for introduction of VL544 – VLSI Design Automation approaches using Agentic AI as a Department Elective Course (DEC) for students of IInd Semester (I Year) of the M.Tech.-VLS programme was presented before the Board of Studies. The industry partner of this course is Infineon Technologies. After discussion, the Board of Studies approved the introduction of VL544 – VLSI Design Automation approaches using Agentic AI as a Department Elective Course with the proposed course structure of 3-0-2. (Course Overview is attached as Annexure 2.)

Neeta 6/10/26
Prof. Neeta Pandey
HOD-ECE

Electronics & Communication Engg. Deptt.

DELHI TECHNOLOGICAL UNIVERSITY

(Formerly Delhi College of Engineering)

Shahbad Daulatpur, Bawana Road, Delhi-42

VI Year: SIXTH SEMESTER (EVEN)

EC332: NoC RTL Design & Microarchitecture

Course Title	Course Structure			Pre-Requisite
	L	T	P	
NoC RTL Design & Microarchitecture	3	0	2	Digital Design-I & II, VLSI Design, Computer Architecture

Course Objective:

To equip students with bottom-up RTL design intuition — from Verilog fundamentals through synthesizable building blocks (FIFOs, arbiters, splitters/mergers) to a fully functional 4×4 mesh Network-on-Chip — enabling them to architect, implement, and verify the on-chip interconnect fabric used in modern multi-core SoCs.

S. No.	Content	Contact Hours
Unit 1	Verilog Basics: Combinational logic (gates, multiplexer, decoder, adder, comparator); sequential elements (D flip-flop, registers, counters, shift registers); Verilog coding styles (structural, dataflow, behavioral); synthesizable vs. non-synthesizable Verilog; blocking vs. non-blocking assignments; testbench basics — stimulus generation and waveform reading. Finite State Machines: Moore vs. Mealy machines; one-hot vs. binary state encoding; FSM coding styles (2-always, 3-always); state transition diagram to RTL implementation; common FSM pitfalls — missing defaults, latch inference.	4
Unit 2	FIFO Design: Synchronous FIFO — read/write pointers, full/empty flag logic; asynchronous FIFO — Gray code pointers, two-flop synchronizer; FIFO depth sizing, burst absorption and latency analysis; power-of-2 depth requirement and pointer arithmetic; connecting FIFO to valid/ready interface (skid buffer generalization); skid buffer vs. FIFO comparison. Valid/Ready Handshaking: The four handshake rules (valid, ready, data stability, no combinational loop); transfer condition — valid AND ready in the same cycle; backpressure propagation across pipeline stages; pipeline register with valid/ready; skid buffer design for timing closure; valid/ready vs. credit-based flow control.	12
Unit 3	Arbiter Design: Fixed-priority arbiter; round-robin arbiter — rotating priority and fairness guarantee; arbiter integration with valid/ready protocol; burst locking (single-beat vs. burst-counter approaches); backpressure masking. Splitter & Merger: 8-bit packet format (address and data fields); splitter — destination decode and output-port routing; merger — combining N input streams with round-robin arbitration; valid/ready slicing at splitter input and merger output; per-port pipeline depth and backpressure chain.	8

Unit 4	Router Microarchitecture: 5-port router structure (N, S, E, W, Local); three-phase design progression — valid/ready → credit-based → virtual channels; Phase-1 microarchitecture (VR-IN → Splitter → Crossbar → Merger → VR-OUT); N×N crossbar switch design; virtual channels — motivation, buffer multiplexing, and VC allocation for deadlock avoidance.	6
Unit 5	NoC Topologies & Routing Algorithms: Bus bottleneck vs. scalable on-chip interconnect; mesh, torus, ring and fat-tree topologies; router coordinates and node numbering; XY (dimension-order) routing; Odd-Even adaptive routing (Chiu's turn model) and its turn-restriction rules; deadlock theory — Coffman conditions and channel dependency graphs; torus deadlock from wrap-around links; VC partitioning for torus (dateline concept, ascending VC rule).	6
Unit 6	4×4 Mesh NoC — RTL Project & Verification: Full RTL integration of 16 routers in a 4×4 grid with XY routing; end-to-end packet flow from injection to ejection; six-tier verification campaign — directed corner-to-corner tests, exhaustive 16×15 source-destination coverage, backpressure/flow-control stress, single-destination hotspot traffic, randomized traffic with randomized backpressure, and a 10,000-packet soak test for deadlock/livelock/loss detection; functional covergroups and packet-accounting correctness checks.	6
	Total	42

Books:-

S. No	Name of Books/Authors/Publisher
1	Principles and Practices of Interconnection Networks / William J. Dally and Brian Towles / Morgan Kaufmann
2	On-Chip Networks / Natalie Enright Jerger, Tushar Krishna and Li-Shiuan Peh / Morgan & Claypool Publishers
3	Digital Design and Computer Architecture / David Harris and Sarah Harris / Morgan Kaufmann
4	Computer Organization and Design: The Hardware/Software Interface / David A. Patterson and John L. Hennessy / Morgan Kaufmann

Course code: Course Title	Course Structure			Pre-Requisite
	L	T	P	
VACXXX-Indian Knowledge System	0	0	0	NIL

Indian Mechanical Engineering Heritage and sustainable Technologies

Course Objective: This course introduces students to India's rich mechanical engineering heritage and its relevance to modern engineering practice. It explores indigenous technologies, ancient manufacturing techniques, metallurgy, water management systems, machine design, sustainable engineering, and traditional knowledge that continue to inspire innovation in the 21st century. The course encourages students to critically analyze traditional engineering solutions and integrate them with modern technologies for sustainable development

S. No.	Course Outcomes (CO)
CO1	Understand the contributions of Indian Knowledge Systems to Mechanical Engineering.
CO2	Explain traditional metallurgy, manufacturing, and machine design principles.
CO3	Analyze indigenous engineering solutions for sustainability.
CO4	Apply traditional engineering concepts to modern design challenges.
CO5	Develop innovative engineering solutions inspired by Indian heritage.
CO6	Appreciate the role of Indian engineering knowledge in global technological development.

CO-PO Articulation Matrix

COs	POs					
	PO1	PO2	PO3	PO4	PO5	PO6
CO1	1	1	1	1	1	2
CO2	2	2	2	2	2	2
CO3	2	2	2	2	2	2
CO4	3	3	3	3	3	3
CO5	3	3	3	3	3	3

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: An ability to demonstrate expertise over the area as per the specialization of the program.

PO-4: To integrate basic and advance research knowledge for identification and formulation of problem statement to focus on alternate approaches for their solution.

PO-5: To be able to apply the research knowledge for solution to industry specific problems.

PO6: To demonstrate a master degree over the area as per Computer Aided Analysis and Design. 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.

20/8/26

20.08.2026

S. No.	VACXXX-Indian Knowledge System
Unit 1	Introduction to Indian Knowledge Systems and Engineering Philosophy of Indian Knowledge Systems Evolution of Engineering in Ancient India Contributions of Indian Scientists and Engineers Engineering Education in Ancient India
Unit 2	. Indian Metallurgy and Materials Engineering Iron Pillar of Delhi and Corrosion Resistance Wootz Steel Technology Ancient Zinc Distillation Technology Copper, Bronze and Iron Processing Traditional Heat Treatment Methods
Unit 3	Mechanical Systems and Manufacturing Technologies Indigenous Machine Elements Ancient Manufacturing Techniques Casting, Forging and Metal Forming Traditional Tools and Workshop Practices Indigenous Agricultural Implements
Unit 4	Water Engineering and Sustainable Technologies Stepwells and Reservoir Engineering Irrigation Systems Water Lifting Devices Rainwater Harvesting Sustainable Resource Management
Unit 5	Mechanical Design in Indian Architecture Temple Construction Technologies Structural Stability Principles Stone Cutting and Assembly Techniques Ancient Construction Equipment Traditional Engineering Measurements
Unit 6	Energy Systems and Indigenous Technologies Traditional Energy Conversion Systems Windmills and Water Wheels Biomass-Based Technologies Indigenous Cooling Systems Energy Conservation Practices Modern Applications of IKS Frugal Engineering Reverse Engineering of Traditional Technologies Sustainable Product Design AI and Digital Documentation of Traditional Knowledge Industry 4.0 with IKS Perspective Case Studies and Mini Project Study of Traditional Engineering Systems Heritage Technology Documentation Design Improvement Using Modern Engineering Tools Prototype Development Seminar and Project Presentation

20/8/26

20/8/26

20.08.2026

20.8.26