DELHI TECHNOLOGICAL UNIVERSITY

MINUTES

of

40th Meeting

ACADEMIC COUNCIL

Date   : 06.12.2024

Time   : 11:30 a.m.

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

Shahbad Daulatpur, Bawana Road, Delhi-110042

INDEX

Delhi Technological University

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

No. F.DTU/Council/AC/71/2024/553   Dated : 10/12/2024

Minutes of the 40th meeting of the Academic Council held in hybrid mode on 06.12.2024 at 11:30 a.m. in Vigyan Hall, 2nd Floor, Admin. Block, DTU.

The following members were present:
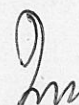
1. Prof. Prateek Sharma, Vice Chancellor, Delhi Technological University and Chairperson, Academic Council.
2. Prof. Vasant Matsagar, Civil Engineering Department, Indian Institute of Technology, Delhi (through online mode)
3. Prof. Shashi K. Dhiman, Himachal Pradesh University, Summer Hill, Shimla (through online mode)
4. Sh. Amit Mishra, Deputy Director, FICCI (through online mode)
5. Prof. Rinku Sharma, Dean Academic (PG)
6. Prof. Rajeshwari Pandey, Dean Academic (UG) & Controller of Examinations
7. Prof. S. Indu, Dean, Student Welfare
8. Prof. Pravir Kumar, Dean, International Affairs.
9. Prof. A.K. Srivastava, Dean, Outreach & Extension Activities
10. Prof. Rajesh Rohilla, Dean, Alumni Affairs & Head (T&P)
11. Prof. Nirendra Dev, Dean, Planning & Consultancy
12. Prof. Rajiv Chaudhary, Dean, Student Discipline
13. Prof. Rachna Garg, Head, Electrical Engineering Department
14. Prof. B.B. Arora, Head, Mechanical Engineering Department
15. Prof. Ruchika Malhotra, Head, Software Engineering Department
16. Prof. Vinod Kumar, Head, Computer Science & Engineering Department
17. Prof. Dinesh K. Vishwakarma, Head, Information Technology Department
18. Prof. R.C. Singh, Head, Department of Design
19. Prof. Anil Kumar, Head, Applied Chemistry Department
20. Dr. Saroj Bala, Head, Department of Humanities
21. Prof. Ramesh Srivastava, Head, Applied Mathematics Department
22. Prof. A.S. Rao, Head, Applied Physics Department
23. Prof. Anil K. Haritash, Head, Environmental Engineering Department
24. Dr. Saurabh Agrawal, Head, Delhi School of Management
25. Prof. Amit Mookerjee, Head, University School of Management and Entrepreneurship (USME)

26. Prof. Yasha Hasija, Head, Biotechnology Department
27. Ms. Divya Narayan, Head, Computer Centre
28. Prof. Vishal Verma, Electrical Engineering Department
29. Prof. P.K. Suri, Delhi School of Management
30. Prof. Devendra Kumar, Applied Chemistry Department
31. Prof. Anil Kumar, Mechanical Engineering Department
32. Dr. Yashna Sharma, Assistant Professor, E&C Deptt.
33. Prof. Madhusudan Singh, Registrar and Member Secretary, Academic Council, DTU.

Following faculty members also joined the meeting as special invitee:

1. Prof. A. Trivedi, Civil Engineering Department
2. Prof. Girish Kumar, CEO, DTU-IIF
3. Prof. T. Vijay Kumar, Coordinator, CoE for Science of Happiness
4. Dr. Roli Purwar, Associate Dean, IRD
5. Prof. Rishu Chaujar, VDCoE for SM
6. Prof. Anil Parihar, Associate Head, T&P

Agenda 40.1 : Opening Remarks by the Chairperson.

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

Hon'ble Vice Chancellor informed the Council that Padma awardee Dr. Anil Kakodkar, Former Chairman, Atomic Energy Commission of India has kindly consented to be the Chief Guest in the forthcoming Convocation of the University to be held on 19.12.2024. University has successfully conducted the orientation program for newly inducted students. Program of SPIC-MACAY was organised with VIRASAT Festival wherein the renowned flute player, Padma Vibhushan Sh. Hari Prasad Chaurasia had also performed.

Hon'ble Vice Chancellor further apprised that various initiatives has been undertaken by the University since last meeting of the Academic Council such as introduction of M.Tech by Research program, Integrated B.Sc-M.Sc program, signing of MOU with DRDO, CRRI for joint guidance and collaborative research and emphasised that the academic departments may explore for tie-up with these organizations and other industries in conduct of M.Tech by Research program etc. University has signed an MoU with Rama Krishna Mission for faculty development program and 20 faculty members have been trained by the mission in value based education.
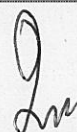
DTU has started the DTU Podcast Series and also Distinguished Speaker Series. UAS-DTU team has won a prize money of 60000 USD in an international challenge held in United States. UGV-DTU team has represented in International Conference held in Egypt. Various start-ups of DTU have received recognitions in in the field of 5G enabled surveillance, drone systems, conventional engineering etc.

Agenda 40.2 : Confirmation of the minutes of the 39th meeting of Academic Council held on 19.06.2024.

The minutes of the 39th meeting of Academic Council held on 19.06.2024 were circulated among all the members vide F. No. DTU/ Council/ AC-Meeting/ 64/ 2024/ 475 dated 25.06.2024. No comments were received from any of the members.

Decision   : The Academic Council confirmed the minutes of its 39th meeting held on 19.06.2024.

Agenda 40.3 : Action taken report on the decisions taken in the 39ᵗʰ meeting of the Academic Council.

Minutes of the 39ᵗʰ meeting of Academic Council held on 19.06.2024 were circulated to members and concerned officers for further necessary action. Action Taken Report on the decisions taken in the 39ᵗʰ meeting of the Academic Council is as below:

S. No.	Agenda Item	Decision	Compliance Report
39.1	Opening Remarks by the Chairperson	Points mentioned are taken on record.	Matter of record
39.2	Confirmation of the minutes of the 38th meeting of Academic Council held on 07.03.2024.	The Academic Council confirmed the minutes of its 38th meeting held on 07.03.2024.	Matter of record
39.3	Action taken report on the decisions taken in the 38th meeting of the Academic Council.	The Academic Council took the Action Taken Report on record.	Matter of record
39.4	To adopt procedure for admission in Ph.D Program as per UGC Regulations 2022.	The Academic Council considered and recommended the matter to the Board of Management for approval of adoption of Admission Procedure for Ph.D Program in DTU as per University Grants Commission (Minimum Standards and Procedures for Award of Ph.D Degree), Regulations, 2022.	Notified vide notification no. 105-64/ Acad-PG/ Committee/ Ordn. Regulations/ 2022/ 7394-99 dated 02.08.2024.
39.5	Revision of R. 12.1 and R. 12.2 of Ph.D Ordinance, DTU as per UGC (Minimum Standards and Procedure for Award of Ph.D Degree) Regulations, 2022.	The Academic Council considered and recommended the matter to the Board of Management for approval of revision of R. 12.1 and R. 12.2 of Ph.D Ordinance DTU as per UGC vide its (Minimum Standards and Procedure for Award of Ph.D Degree) Regulations, 2022.	Notified vide notification no. 105-64/ Acad-PG/ DTU Fellowship Tenure/ 2024/ 7430-35 dated 02.08.2024.
39.6	Five Year B. Sc. & M. Sc. Integrated	The Academic Council considered and approved	The same has been implemented.

		Program Curriculum as per NEP 2020.	for starting of 5 year Integrated B.Sc & M.Sc program in the Departments of Applied Physics, Applied Chemistry, Applied Mathematics, Biotechnology and Humanities with 30 intake in each department from AY 2024-25 along with their General Scheme, Semester-Wise Courses & Credit Distribution and Syllabus. However, criteria for completing DCC courses/equivalent credits are not essential for re-entry. Maximum time period to complete the program shall be 7 years.	
39.7	Regarding starting of M. Tech by Research Program in DTU from AY- 2024 25.		The Academic Council considered and recommended the matter to the Board of Management for approval for starting of M.Tech by Research Program from AY 2024-25 with intake of 12 in each discipline. The Council also advised to mention 5% reservation for PwD in this program.	M.Tech by Research program started w.e.f. academic year 2024-25.
39.8	Admission modalities in M.Tech. programs and revised M.Tech. Scheme & Syllabus as per National Education Policy (NEP) 2020.		The Academic Council considered and recommended the matter to the Board of Management for approval of the admission modalities, and Scheme & Syllabus of M.Tech Program (Full Time & Part Time) DTU as per National Education Policy (NEP) 2020.	Revised M.Tech. Scheme & Syllabus as per National Education Policy (NEP) 2020 has been implemented.
39.9	Duration of DTU Fellowship for full time DTU Ph.D scholars.		The Academic Council considered and recommended the matter to the Board of Management for approval to revise duration of fellowship i.e. upto 5 years maximum (60 months). The continuation of the fellowship for 5th year shall be performance based which will be evaluated by SRC of the research	Notified vide notification no. 105-64/ Acad-PG/ Committee/ Ord.Regulations/ 2022/ 7542-47 dated 05.08.2024.

		scholar. A research scholar must have minimum one publication (published/accepted) in SCI/SCIE/SSCI and presented/published work in one international conference in 4 years to continue his/her fellowship to the 5th year. However, the fellowship shall terminate on completion of Ph.D tenure or submission of Ph.D thesis, whichever is earlier. Para (b) of the NOTE is not approved.	
39.10	Shifting of all the MBA programs from USME to DSM, DTU and revised seat matrix.	The Academic Council considered and recommended the matter to the Board of Management for approval for shifting of MBA, MBA (BA) and MBA (IEV) programs from USME to DSM, DTU and to revise the seat matrix.	Notice no. 105-101/Acad-PG/ Reorganization/ MBA/ 2024/ 7037-44 dated 26.07.2024.
39.11	Modified B. Tech. Curriculum scheme with revised credit allocation to Minor basket.	The Academic Council considered and approved the modified B.Tech. Curriculum scheme along with revised credit allocation to Minor basket.	Implemented
39.12	Approval of B.Tech. 2nd year Course Scheme and Syllabi of various departments.	The Academic Council considered and approved the B.Tech. 2nd year Course Scheme and Syllabi of various departments.	B.Tech 2nd year Course Scheme and Syllabi of various departments have been included in the Ordinance and Regulations, 2024.
39.13	Approval of Academic Calendar for all UG, PG & Ph.D programs for the Academic Year 2024-2025.	The Academic Council considered and approved the Academic Calendar for all UG, PG & Ph.D programs for the Academic Year 2024-2025. However, YUVAAN 24-25, fest may be organized in the Odd Semester during the month of October, 2024.	Notified vide office letter no. F.No.105(641)DTU/Acad-UG/2018-1916490-98 dated 01.07.2024.
39.14	Approval for introduction of a Value Addition Course (VAC) as 'Meditation & Conscious Living' for the students of	The Academic Council considered and approved for introduction of a Value Addition Course (VAC) as 'Meditation & Conscious Living' for the students of	Notified vide office letter no. F.No.105(823)DTU/Acad-UG/2020-21/1707-83 dated 27.08.2024.

		B.Tech. program from AY 2023-24 onwards.	B.Tech. program from AY 2023-24 onwards.	
39.15		Approval for renaming of the course " MC102 Discrete Structure" to "MC102 Discrete Mathematics".	The Academic Council considered and approved for renaming of the course " MC102 Discrete Structure" to "MC102 Discrete Mathematics".	Notified vide office letter no. F.No.105(823)DTU/Acad-UG/2020-21/1707-82 dated 27.08.2024.
39.16		In principle approval of the proposal for starting of a new Interdisciplinary Department of Geospatial Sciences and Technologies in DTU.	The Academic Council considered the proposal and agreed in principle to start a new Interdisciplinary department of Geospatial Sciences and Technologies subject to the approval of budgetary requirement by the Finance Committee. The Council also recommended the matter to the Board of Management for in-principle approval of the proposal for creation of a new Interdisciplinary Department of Geospatial Sciences and Technologies in DTU.	As per decision of BOM, a brainstorming workshop was conducted on 12.11.2024 wherein representatives from Govt., Academia and Industry were invited.
39.17		Proposal for introduction of Two-year M.Sc Program in Geospatial Sciences at Multidisciplinary Centre for Geoinformatics, DTU wef Jul/Aug 2024.	The Academic Council considered the proposal and agreed in principle to start 02- year M.Sc Program in Geospatial Sciences, subject to the approval of budgetary requirement by the Finance Committee. The Council also recommended the matter to the Board of Management for in-principle approval for starting of Two-year M.Sc Program in Geospatial Sciences at Multidisciplinary Centre for Geoinformatics, DTU w.e.f. Jul/Aug 2024.	The new M.Sc. program has already been commenced w.e.f. 2024-25 with a total admission of 12 students. The program is being run as per DTU schedule.
39.18		Approval for establishment of Centre of Excellence in Disaster Risk Reduction (COEDRR) in the Department of Civil Engineering, DTU.	The Academic Council considered the proposal and agreed in principle to establish Centre of Excellence in Disaster Risk Reduction, subject to the approval of budgetary requirement by the Finance Committee. The Council also recommended the	Notification no. F.DTU/Council/BOM-AC/Notification/31/2018/504 dated 09.09.2024 has been issued to this effect.

		matter to the Board of Management for in-principle approval for establishment of Centre of Excellence in Disaster Risk Reduction (COEDRR) in the Department of Civil Engineering, DTU.	
39.19	Joint Interview Process for Ph.D Admission – DSM and USME for Management Discipline and Humanities and USME for Economics.	The Academic Council considered and deferred the proposal for Joint Interview Process for Ph.D Admission in DSM and USME.	Will be taken up in the next cycle of Ph.D admissions.
39.20	Online Executive MBA program to be launched at USME.	The Academic Council considered the proposal and approved in principle in accordance with the UGC gazette notification, 2018 for online programs and stakeholder analysis/employer survey by the department. The Council also recommended the matter to the Board of Management for in-principle approval to start Online Executive MBA program.	Under process.
39.21	Partial Modification in Structure of the MBA IEV program and additional syllabi, as per NEP 2020/PGCF-UGC.	The Academic Council considered and approved the proposed partial modification in Structure of the MBA IEV program, and additional syllabi, as per NEP 2020/PGCF- UGC.	New structure for MBA – IEV implemented for 2024-25 batch.
39.22	Updation of papers in the General Elective Basket of the M.A. (Economics) program.	The Academic Council considered and approved for updation of papers in the General Elective Basket of the M.A. (Economics) program.	Updated basket has been offered to MA (Economics) students.
39.23	Approval of 2nd year syllabus for courses offered in the Executive MBA (Data Science and Analytics) program including modification in	The Academic Council considered and approved the 2nd year syllabus for courses offered in the Executive MBA (Data Science and Analytics) program including modification in course EMD 207, new syllabi for all 2nd	Updated syllabi have been offered to students of EMBA-DSA.

		course EMD 207, new syllabi for all 2nd year courses and PO, PSO and PEO.	year courses and PO, PSO and PEO.	
39.24		Approval of Restructuring of Industrial Research & Development (IRD) Office as Research and Development (R&D) Office its Role, Responsibilities and Administrative Structure.	The Academic Council considered and recommended the proposal to the Board of Management for approval of restructuring of Industrial Research & Development (IRD) Office as Research and Development (R&D) Office, its Role, Responsibilities and Administrative Structure as proposed.	Notification no. F.DTU/Council/BOM-AC/Notification/31/2018/516 dated 09.09.2024 has been issued to this effect.
39.25		Approval of Roles, Responsibilities and Administrative Structure of Corporate Relationship Office at DTU.	The Academic Council considered and recommended the proposal to the Board of Management for approval of the Roles, Responsibilities and Administrative Structure of Corporate Relationship Office at DTU.	Notification no. F.DTU/Council/BOM-AC/Notification/31/2018/517 dated 09.09.2024 has been issued to this effect.
39.26		Approval of Research & Development Schemes for Faculty.	The Academic Council considered and recommended the proposal to the Board of Management for approval of the Research & Development Schemes (Young Faculty Grant, Equipment Matching Grant, Faculty Interdisciplinary Research Project, Multi Institutional Faculty Interdisciplinary Research Project) for Faculty.	Notification no. F.DTU/Council/BOM-AC/Notification/31/2018/512 dated 09.09.2024 has been issued to this effect.
39.27		Approval of Policy for Corporate Social Responsibility (CSR) at DTU.	The Academic Council considered and recommended the proposal to the Board of Management for approval of the Policy for Corporate Social Responsibility (CSR) at DTU.	Notification no. F.DTU/Council/BOM-AC/Notification/31/2018/513 dated 09.09.2024 has been issued to this effect after approval of the Board.
39.28		Approval of Policy for Chair Professorship at DTU.	The Academic Council considered and recommended the proposal to the Board of Management for approval of	Notification no. F.DTU/Council/BOM-AC/Notification/31/2018/506 dated 09.09.2024 has been

		the Policy for Chair Professorship at DTU.	issued to this effect after approval of the Board.
39.29	Approval of Policy for Technology Transfer at DTU.	The Academic Council considered and recommended the proposal to the Board of Management for approval of the Policy for Technology Transfer at DTU.	Notification no. F.DTU/Council/BOM-AC/Notification/31/2018/507 dated 09.09.2024 has been issued to this effect
39.30	Approval of revised guidelines for evaluation of B.Tech, M.Tech Major Project-II and M.Sc. Major Project.	The Academic Council considered and recommended the revised guidelines for evaluation of projects with modification in major project as startup subject to the relevancy of the startups with the respective discipline and fulfilment of the project requirement of the program. The Council also recommended the proposal to the Board of Management for approval of the revised guidelines for evaluation of B. Tech, M. Tech Major Project-II and M.Sc. Major Project.	Notification no. F.DTU/Council/BOM-AC/Notification/31/2018/514 dated 09.09.2024 has been issued to this effect after approval of the Board.
39.31	Approval of Mandatory Publication Requirement for Award of Ph.D Degree – Discipline of Design.	The Academic Council considered and recommended the proposal to the Board of Management for approval of Mandatory Publication Requirement for Award of Ph.D Degree –Discipline of Design, as proposed.	Notification no. F.DTU/Council/BOM-AC/Notification/31/2018/508 dated 09.09.2024 has been issued to this effect after approval of the Board.
39.32	Approval for Establishment of Centre for Community Development and Research.	The Academic Council considered and agreed in principle to establish centre for Community Development and Research, subject to the approval of budgetary requirement by the Finance Committee. The Council also recommended the proposal to the Board of Management for approval for establishment of the Centre for Community Development and Research at DTU.	Notification no. F.DTU/Council/BOM-AC/Notification/31/2018/518 dated 13.09.2024 has been issued to this effect after approval of the Board.

39.33	Approval for creation of office of Dean (Digital Education).	The Academic Council considered and recommended the proposal to the Board of Management for approval of creation of new office of Dean (Digital Education).	Notification no. F.DTU/Council/BOM-AC/Notification/31/2018/509 dated 09.09.2024 has been issued to this effect after approval of the Board.
39.34	Approval for creation of Centre of Executive Education and position of Director and Associate Director.	The Academic Council consider and recommended the proposal to the Board of Management for approval of creation of Centre of Executive Education and position of Director and Associate Director.	Notification no. F.DTU/Council/BOM-AC/Notification/31/2018/510 dated 09.09.2024 has been issued to this effect after approval of the Board.
39.35	Approval for Establishment of Nodal Centre of Excellence in Energy Transition.	The Academic Council considered and agreed in principle to establish a Nodal Centre of Excellence in Energy Transition at DTU. The Council also recommended the proposal to the Board of Management for approval of Establishment of Nodal Centre of Excellence in Energy Transition.	Notification no. F.DTU/Council/BOM-AC/Notification/31/2018/511 dated 09.09.2024 has been issued to this effect after of the Board.
39.36	To add 10%-20% Supernumerary seats for girls in all B.Tech programs of DTU.	The Academic Council considered and recommended the proposal to the Board of Management for approval to add 10%-20% Supernumerary seats for girls in all B.Tech programs of DTU.	Notification no. F.DTU/Council/BOM-AC/Notification/31/2018/515 dated 09.09.2024 has been issued to this effect after approval of the Board.
39.37	Matter for ratification. i. Revision of courses AM101, AM102, MC104 and MC106 in the Deptt. of Applied Mathematics.	The Academic Council ratified the above action of the University.	Matter of record
39.38	Matter for Information. i. Final list of admitted students of B.Tech 2K23 batch is placed in Annexure	The Academic Council noted the given information.	Matter of record

Book at pages 1278 to 1341. ii. Seat Matrix of JAC B.Tech. 2024-25. iii. BBA-IEV Seat Matrix (Admission Year 2024-25), USME iv. Seat Matrix BBA and BA (H) Economics, Year 2024-25. v. Bachelor of Design Seat Matrix 2024-25. vi. Seat Matrix for B Tech (Continuing Education) vii. Seat Matrix for DTU Fellowship for Ph. D Program August 2024. viii. Seat Matrix for M. Tech. (Full Time) ix. Seat Matrix for M.Sc. x. Seat Matrix for MBA (DSM) xi. Seat matrix for MA (Economics) xii. Seat matrix for EMBA-DSA xiii. Admission Brochure are annexed at page Annexure. xiv. Formal registration to following Ph.D. students upon successful completion of course work		

	and comprehensive examinations and approval of research plan by respective DRCs. xv.Cancellation/ Withdrawal of admission from Ph.D. program.		
39.39	Any other item with the permission of the Chair. (1) Extension of span period of 1 year for AY 2024-25.	The Competent Authority considered and granted permission for extension of one year as a last chance during the academic year 2024-25.	Matter of record.

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

Agenda 40.4 : **Conferment of degrees on the graduands who have successfully completed the requirements prescribed under the ordinances of the University.**

It was submitted to the Academic Council that 11th Convocation of the University is to be held on 19.12.2024. 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:

Year: 2024

S.No.	Program	Total Degrees
1.	Bachelor of Technology	2379
2.	Bachelor of Technology (Evening)	98
3.	Bachelor of Arts (Hons.) Economics	139
4.	Bachelor of Business Administration	145
5.	Bachelor of Design	60
6.	Master of Technology	212
7.	Master of Technology (Part Time)	04
8.	Master of Business Administration	248
9.	Master of Business Administration (Executive)	26
10.	Master of Arts (Economics)	47
11.	Master of Business Administration (Business Analytics)	25
12.	Master of Design (ID/PD/TD/VC)	36
13.	Master of Science (CH/MA/BIO/PH)	192
14.	Doctor of Philosophy	139
	Total	**3750**

The list of the graduands eligible for award of degree in 11th Convocation-2024 was at Annexure pages 88 to 165 in the Agenda note.

Decision : **The Academic Council considered and approved the list of students eligible for the award of degrees in 11th Convocation – 2024 and authorized Vice Chancellor to include candidates who become eligible for conferment of degree in due course.**

Agenda 40.5 : **Extension of one year for M.Tech. (Geotechnical Engineering) Thesis submission in r/o Mr. Manish Kant (Roll No. 2K16/GTE/11), Department of Civil Engineering**

It was submitted to the Academic Council that a request was received from Mr. Manish Kant, Roll No. 2K16/GTE/11, Full-Time student of M. Tech. (Geotechnical Engineering) program, Department of Civil Engineering regarding grant extension of one year to submit his thesis.

Mr. Manish Kant stated that he had an excellent academic credential throughout. He has also passed GATE with an exemplary percentile of 99.0 in GATE 2015 and based on this score he had taken admission in M. Tech. course in Geotechnical Engineering in DTU during session 2016-2018. He had performed well having passed all the subjects and obtained all the credits till 3rd Semester. However, unfortunately due to harsh financial condition of the family and deteriorating health of his father, he had to immediately take up the complete financial responsibilities of his family and hence could not submit his thesis of final semester and could not get Master's Degree.
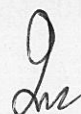
HoD, Department of Civil Engineering has given the remarks that *"It is recommended that on line with NEP, a chance may be given to all similar students who for same reasons could not complete thesis M. Tech."*

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

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

His span period to complete M. Tech. (Full Time) has expired in July 2020.

In this regard, it was submitted that a notice has been issued regarding Submission of M. Tech Major Project Reports vide F. No. 104/2A/ME/Exam/08-09/3665-75 dated 22.04.2024, wherein it was mentioned that:

5. *In case, a student fails to submit Major Project Report by 31st May 2024, 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 by paying Rs. 10,000/- for each semester. They will not be entitled for any Merit Certificate/Medal.*

The last date of thesis submission was 31st May 2024. He has requested to allow him to submit his thesis.

In view of the above stated facts, the Academic Council was requested to grant permission of the following: -

1. Regarding Extension of Thesis Submission after expiry of Span period, the proposal for extension of Thesis submission for M.Tech student after passing II theory papers. However, Mr. Manish Kant has completed all theory papers.

2. To allow the student to submit M.Tech. thesis along with requisite fee i.e. Rs. 10,000 for each Semester along with Rs. 3000/- Examination Fee.

Decision : **The Academic Council considered and approved the extension of one year for M. Tech. (Geotechnical Engineering) Thesis submission in r/o Mr. Manish Kant (Roll No. 2K16/GTE/11), Department of Civil Engineering and advised Dean (PG) to review semester fee charged in such cases.**

Agenda 40.6 : Academic Calendar Integrated B.Sc and M.Sc program 2024-25

It was submitted to the Academic Council that following is the Academic Calendar Integrated B.Sc and M.Sc program 2024-25:

AY 2024-25 Odd Semester		
S. No.	Activities	Tentative schedule
1	Orientation cum Commencement of Teaching	18-09-2024 (Wednesday)
2	Filling of online registration form	03-10-2024 (Thursday)
3	Classes in online mode	28-10-2024 to 01-11-2024 (Monday to Friday)
3	Mid Semester notification of shortage of attendance by respective Departments	01-11-2024 (Friday)
4	Mid Term Examination	11-11-2024 (Monday) onwards
5	End Semester notification of shortage of attendance by respective Departments	18-12-2024 (Wednesday)
6	Teaching Ends	20-12-2024 (Friday)
7	End Semester Examination	23-12-2024 (Monday) onwards

Decision : The Academic Council considered and approved the Academic Calendar for odd semester of Integrated B.Sc and M.Sc program in AY 2024-25.

Agenda 40.7 : Establishment of a Section '8' company of DTU, "DTU SUSTAINABILITY RESEARCH FOUNDATION (DSRF)"

Delhi Technological University (DTU) proposes for establishment of **"DTU SUSTAINABILITY RESEARCH FOUNDATION (DSRF)"** as a section '8' company of DTU, for providing umbrella support to different R&D setups and Centres of Research and Development, Community Connect, Human Resource Development and Outreach etc.

The common division of Corporate Affairs and Enterprise Program Management Services (EPMS) housed in the company is envisioned for integrating of the centres of the aforesaid company with the academic of the University in addition to catering the needs of all the Centre of excellences and other Centre housed in the aforesaid company to ease out process and timely delivery of the outcomes to its clients (Govt./ PSUs/ Indians)/ SME/Startups/ Groups for Training and Capacity Building/ other entities).

It was proposed that Nodal Centre of Excellence in Energy Transition (NCEET), Centre for Community Development & Research (CCDR), Human Resource Development Centre (HRDC), Centre of Excellence in Disaster Risk Reduction (CDRR), Centre of Excellence for Drone Technology in Defence (CDTD), Centre for Executive Education (CEE), Vinod Dham Centre of Excellence in Semiconductors and Microelectronics (VDCSM) and others may be brought under the ambit of this company headed by the Chairman (Ex officio Vice Chancellor, DTU), while, Directors of each Centre shall have sufficient administrative and financial powers as per the rules and regulations to be formulated for the company. The financial records of each Centre will be separately maintained, and profits/losses incurred by each Centre shall roll over in their accounts after each financial year. The grant-in-aid on behalf of DTU to run these Centres shall be decided by the Finance Committee and BoM of DTU.

The Academic Council was requested to approve to establishment of "DTU SUSTAINABILITY RESEARCH FOUNDATION (DSRF)" as section 8 company of DTU, with DTU having 99.99% of shareholding. The directors of the company shall be:
1. Ex Officio, Vice Chancellor of DTU
2. Ex Officio, Director of the Centre of Excellence, NCEET, DTU.
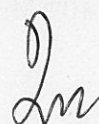
Decision : **The Academic Council considered and approved in principle for Establishment of a Section '8' company of DTU, "DTU SUSTAINABILITY RESEARCH FOUNDATION (DSRF)" for providing umbrella support to different R&D setups, Centres for Research and Development and Community Connect, Human Resource Development and Outreach etc. The Council also advised to add minimum 02 more Directors in the company from Centres of Excellence nominated by the Vice Chancellor. The Council recommended the matter to Board of Management for approval.**

Agenda 40.8 : Revision of MBA (Executive) syllabus

The MBA (Executive) program, launched in 2013, has consistently received a positive response from the industry. To align the syllabus and structure of the program with evolving industry expectations, contemporary themes and NEP 2020, a major modification is required. Based on the feedback of alumni, Industry and students, a draft structure of the syllabus was prepared. The draft structure was approved by BOS in its meeting held on 23/11/2024. The proposal was submitted for the approval of Academic Council. Revised syllabus is placed at *Annexure pages 1 to 17*.

Decision : The Academic Council considered and approved the revised syllabus of MBA (Executive) program and suggested to send the details of hybrid mode of classes to Academic (PG) for review.

Agenda 40.9 : **Introduction of "VAC- VIVEK MARG" course as value addition course (VAC) in B.Tech. program from Even Semester of AY 2024-2025**

As per NEP 2020, the Ability Enhancement Courses (AEC) and Value Addition Courses (VAC) are essential component for holistic education. The University has introduced Value Addition courses (VACs) from Even Semester of AY 2024-2025. The VACs are essential to develop a holistic perspective among students towards life and profession as well as towards balanced and stress free life based on practical understanding of the integrated human life (body, mind and spirit) and the rest of existence. Such a holistic perspective about life, healthy life style pave towards a complete in a spiritual way.

In this regard 02-credit course "VAC- VIVEK MARG" is proposed by the Centre of Excellence of Science & happiness to be introduced to the basket of already existing 43 VACs which are being offered to the students of B.Tech. program from Even Semester of AY 2024-2025 onwards. Course curriculum/structure is placed at *Annexure pages 18 to 21.*

Decision : **The Academic Council considered and approved the introduction of "VAC- VIVEK MARG" course as value addition course (VAC) in B.Tech. program from Even Semester of AY 2024-2025. The VAC will be 02 credits course and L-T-P distribution as 0-0-4.**
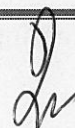
Agenda 40.10 : Ph.D program in Centre of Excellence for Science and Happiness & two DTU fellowship from forthcoming academic session January 2025

The Board of Management in its 44th meeting held on 31.08.2021, approved for establishment of the Centre of Excellence for Science and Happiness vide agenda 44.10 with one of the proposed thrust areas as "Conducting Research on Happiness, Spirituality".

It was further stated that the permission of the Competent Authority had been given to admit Ph.D scholars in the Centre and accordingly, Ph.D admissions were started from August 2023 for PT/FT with JRF/Sponsored categories. The DRC of the Centre and the Board of Studies of the Centre were already formed.

It was proposed to admit Ph.D scholars in the Centre and at-least two DTU fellowship in the Centre to attract meritorious candidates.

Decision : The Academic Council considered and recommended to start Ph.D program in Centre of Excellence for Science of Happiness and advised Dean (PG) to finalize the modalities for allocation of DTU fellowship in centres through a committee constituted for this purpose.

Agenda 40.11 : Two Ph.D scholars on a supernumerary basis over and above the permitted number of approved Ph.D slots of supervisors

The Delhi Technological University, in line with the NEP, established Centre of Excellence/ Multi-disciplinary centre to encourage Interdisciplinary/ Multi-disciplinary research and holistic education. The existing faculty members of the department are mainly involved with their respective department's Ph.D scholars. To encourage the research contribution of the department, faculty members in various Centres of Excellence of DTU, it was proposed to consider Ph.D scholars of these Centres on a supernumerary basis as specified in R 7.2 of DTU Ordinance and Regulation for Ph.D program for supervising Ph.D scholars from any of these Centres of Excellence/ Multi-disciplinary Centres.

In this regard, Hon'ble Vice Chancellor constituted a committee. The Committee met on 06.09.2024 and recommended as under:

1. In order to address the real-world problems, we recommend encouraging multidisciplinary research in the Centres of Excellence/ Multidisciplinary Centres.
2. Hence, to promote this, we recommend to approve at most two Ph.D scholars on supernumerary basis over and above permitted number of approved slots of supervisors as specified in R 7.2 of DTU Ordinance and Regulations for Ph.D. program for supervising Ph.D scholars from any of the Centres of Excellences/ Multidisciplinary Centres as approved by the Academic Council/ Board of Management/ Competent Authority.
3. This would encourage the departments/ centres to create mechanism for collaboration which is also in line with NEP-2020 implementation.

Decision : The Academic Council considered the above recommendations of the Committee and approved for two additional Ph.D scholars from any of the Centres of Excellences/ Multidisciplinary Centres on a supernumerary basis over and above the permitted number of approved Ph.D slots of supervisors.

Agenda 40.12 : Creation of Teaching Posts in Delhi Technological University as per AICTE/ UGC/ MoE/ GNCTD norms

A Committee of following members was constituted by the Competent Authority to work out the requirement of Teaching posts in the University taking into consideration of the future expansion plans of the University and AICTE/ UGC/ MoE/ GNCTD norms:

1. Prof. S. K. Garg, Deptt. of Mech. Engg.   Chairman
2. Prof. Rajeshwari Pandey, Dean UG   Member
3. Prof. Rinku Sharma, Dean PG   Member
4. Prof. Dinesh Chutani, Deptt. of E&C   Member
5. Dr. Rohit Kumar, Asstt. Prof. (Deptt. of E&C)   Member
6. Ms. Trasha Gupta, Asstt. Prof. (Deptt. of AM)   Member
7. Dr. Ravinder Kaushik, Dy. Registrar (Estt. Branch) Member
8. Dr. Anil Kumar, Dy. Registrar (GA)   Member
9. Dr. Lokesh Garg, Assistant Registrar   Member Secretary

The Committee considering the growth plans, student strength, AICTE and UGC norms, deliberated on the matter and recommended for creation of following teaching posts in the University:

Nomenclature	Sanctioned Posts	Required Posts	No. of posts to be created
	A	B	C=B-A
Professor	79	118	39
Associate Professor	159	194	35
Assistant Professor	489	515	26
Total	*727*	*827*	*100*

The proposal will be submitted to the Government of NCT of Delhi for sanction after approval by the Board of Management.

Decision :   The Academic Council considered and recommended the matter to the Board of Management for approval of Creation of Teaching Posts in Delhi Technological University as per norms AICTE/ UGC/ MoE/ GNCTD and advised to include all programs.

Agenda 40.13 : **Introducing a Minor Specialization in "Sports Analytics" for M.Tech. Data Science and M.Tech. Software Engineering students**

A committee was formed of the following members to draft the syllabus and scheme of minor in sports analytics.

1. Prof. Ruchika Malhotra, HoD (Department of Software Engineering) - **Chairperson**
2. Prof. Rinku Sharma, Dean (Academic PG) - **Special Invitee**
3. Prof. Benu Gupta, Kirori Mal College, University of Delhi - **Member**
4. Dr. Nayana Nimkar, Director SSSS, Symbiosis International (Deemed University) - **Member**
5. Dr. Ashok Ahuja, CEO Sportify International, Noida, India - **Member**
6. Dr. Subodh Mor, President, The Sports Rehabilitation Association of India - **Member**
7. Mr. Ramakrishnan Subramanian, Founder & CEO, Sports Mechanics India Pvt. Ltd - **Member**
8. Mr. Kamaldeep Singh, High Performance Coach, Sweden - **Member**
9. Dr. Shweta Meena, Assistant Professor, Department of Software Engineering - **Member Secretary**

After significant deliberation and discussion the committee recommended the scheme and syllabus of minor in sports analytics in the existing M.Tech. Data Science and Software Engineering programme.
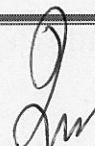
The conditions to obtain minor specialization in sports analytics are given below:

1　The minimum number of credits required for getting a Minor Specialization in Sports Analytics will be as per University rules.

2　If a candidate opts for a minor specialization in sports analytics, then the candidate is required to pursue a seminar in the first semester. The seminar (Subject code: SWE509/ DSC509, Credit: 2) will focus on an overview of one sport from various categories, such as water, athletics, combat, racquet, and team, applications of data analysis, artificial intelligence techniques required in that particular sport, and focus on analytical techniques.

3　The practical will focus on application development and real world problem solving.

4 The committee recommended that the course will require state of the art laboratories consisting of Artificial Intelligence and Machine Learning equipments keeping in view the sports industry demand for collating and analyzing the data.

Decision : **The Academic Council considered and approved in principle for introducing a Minor in "Sports Analytics" for M.Tech. Data Science and M.Tech. Software Engineering students. Detailed modalities for starting minors in PG programs and credit requirements etc. to be prepared by Academic (PG) branch in this regard.**

Agenda 40.14 : Guidelines for Donor Classification based on Project Cost

A committee was formed of the following members to design menu cards for inviting donations and contributions from alumni towards various ongoing construction projects and buildings within the University.

1.	Prof. Yasha Hasija, Associate Dean (AA)	Chairperson
2.	Prof. Amit Srivastava, CPO	Member
3.	Prof. Vishal Verma, Elect. Engg. Deptt	Member
4.	Prof. Roli Purwar, Associate Dean (IRD)	Member
5.	Prof. Ruchika Malhotra, HoD	Member
6.	Shri. Arun Gupta, Alumni Representative	Alumni
7.	Prof. M. Rizwan	Special invitee
8.	Shri. Anunay Gour, Env. Engg. Deptt.	Special invitee

The members of committee proposed four distinct categories for inviting the donation/contributions for alumni:

i. Physical Infrastructure
ii. Academic/Research Infrastructure
iii. Digital Infrastructure
iv. Green Infrastructure

After significant deliberation and discussion the committee made the following guidelines for Donor Classification based on Project Cost.

Donor Classification and Recognition for:

i. Physical Infrastructure
ii. Academic/Research Infrastructure

Project Cost	Criteria	Donor Classification	Recognition*
	≥ 10 Cr or 50% Project cost (Whichever is higher)	Platinum	• Exclusive naming rights for the entire building. • Name on Platinum wall. • Customized plaque with donor's name, graduation year, and stream. • Recognition in the university's annual report. • Listing in the donor appreciation section on the website.
	≥ 8 Cr or 40% of Project Cost (Whichever is higher)	Diamond	• Naming rights for a floor of the building. • Name on Diamond Wall.

≥20 Cr			• Customized plaque with donor's name, graduation year, and stream. • Recognition in the university's annual report. • Listing in the donor appreciation section on the website.
	≥ 6 Cr or 30% of Project Cost (Whichever is higher)	Golden	• Naming rights for a floor wing or corridor. • Name on Golden Wall. • Customized plaque with donor's name, graduation year, and stream. • Recognition in the university's annual report. • Listing in the donor appreciation section on the website.
	≥ 4Cr or 20% of Project Cost (Whichever is higher)	Silver	• Name on Silver Wall. • Customized plaque with donor's name, graduation year, and stream. • Recognition in the university's annual report. • Listing in the donor appreciation section on the website.
	≥ 2Cr or 10% of Project Cost (Whichever is higher)	Bronze	• Name on Legacy Wall. • Customized plaque with donor's name, graduation year, and stream. • Recognition in the university's annual report. • Listing in the donor appreciation section on the website.
	≥ 8 Cr or 50% Project cost (Whichever is higher)	Diamond	• Exclusive naming rights for the entire building. • Name on Diamond Wall. • Customized plaque. • Recognition in the university's annual report and website.
16Cr – 19.99 Cr	≥ 6 Cr or 40% of Project Cost (Whichever is higher)	Golden	• Naming rights for a floor of the building. • Name on Golden Wall. • Customized plaque with donor's name, graduation year, and stream. • Recognition in the university's annual report.

			• Listing in the donor appreciation section on the website.
	≥ 4Cr or 30% of Project Cost (Whichever is higher)	Silver	• Naming rights for Floor wing or Corridor. • Name on Silver Wall. • Customized plaque with donor's name, graduation year, and stream. • Recognition in the university's annual report. • Listing in the donor appreciation section on the website.
	≥ 2Cr or 20% of Project Cost (Whichever is higher)	Bronze	• Name on Legacy Wall. • Customized plaque with donor's name, graduation year, and stream. • Recognition in the university's annual report. • Listing in the donor appreciation section on the website.
12Cr-15.99Cr	≥ 6 Cr or 50% Project cost (Whichever is higher)	Golden	• Exclusive naming rights for the entire building. • Name on Golden Wall. • Customized plaque with donor's name, graduation year, and stream. •Recognition in the university's annual report. • Listing in the donor appreciation section on the website.
	≥ 4Cr or 40% of Project Cost (Whichever is higher)	Silver	• Naming rights for floor of the building. • Name on Silver Wall. • Customized plaque with donor's name, graduation year, and stream. • Recognition in the university's annual report. • Listing in the donor appreciation section on the website.
	≥ 2Cr or 30% of Project Cost (Whichever is higher)	Bronze	• Naming rights for Floor wing or Corridor • Name on Legacy Wall. • Customized plaque with donor's name, graduation year, and stream. • Recognition in the university's annual report.

			• Listing in the donor appreciation section on the website.
8Cr-11.99Cr	≥ 4 Cr or 50% Project cost (Whichever is higher)	Silver	• Exclusive naming rights for the entire building. • Name on Silver Wall. • Customized plaque with donor's name, graduation year, and stream. •Recognition in the university's annual report. • Listing in the donor appreciation section on the website.
	≥ 2Cr or 40% of Project Cost (Whichever is higher)	Bronze	•Naming rights for a floor of the building. • Name on Legacy Wall. • Customized plaque with donor's name, graduation year, and stream. • Recognition in the university's annual report. • Listing in the donor appreciation section on the website.
4Cr-7.99Cr	≥ 2 Cr or 50% Project cost (Whichever is higher)	Bronze	• Exclusive naming rights for the entire building. • Name on Legacy Wall. • Customized plaque with donor's name, graduation year, and stream. •Recognition in the university's annual report. • Listing in the donor appreciation section on the website.

For infrastructure projects where naming rights are not applicable, any additional recognition will be in accordance with the nature or type of the specific project, as per the discretion of the competent authority.

If the contribution towards physical or academic infrastructure is less than the minimum requirement for the bronze category, the donor will be classified as a **'Supporter'**.

- The recognitions of supporter category are as follows:
  - o Brick naming in a prominent area on campus.
  - o Digital appreciation wall.
  - o Recognition in the university's annual report.
  - o Listing in the donor appreciation section on the website.

1. The naming rights for a particular category of donors for the same project shall be on first-come first-serve basis.
2. Any deviation for classification into a specific category shall be at the discretion of the competent authority.

Recognition Guidelines for Digital and Green Infrastructure

Project Cost	Criteria	Donor Classification	Recognition*
≥20 Cr	≥ 10 Cr or 50% Project cost (Whichever is higher)	Platinum	• Name on Platinum wall. • Customized plaque with donor's name, graduation year, and stream. • Recognition in the university's annual report. • Listing in the donor appreciation section on the website.
	≥ 8 Cr or 40% of Project Cost (Whichever is higher)	Diamond	• Name on Diamond Wall. • Customized plaque with donor's name, graduation year, and stream. • Recognition in the university's annual report. • Listing in the donor appreciation section on the website.
	≥ 6 Cr or 30% of Project Cost (Whichever is higher)	Golden	• Name on Golden Wall. • Customized plaque with donor's name, graduation year, and stream. • Recognition in the university's annual report. • Listing in the donor appreciation section on the website.
	≥ 4Cr or 20% of Project Cost (Whichever is higher)	Silver	• Name on Silver Wall. • Customized plaque with donor's name, graduation year, and stream. • Recognition in the university's annual report. • Listing in the donor appreciation section on the website.
	≥ 2Cr or 10% of Project Cost (Whichever is higher)	Bronze	• Name on Legacy Wall. • Customized plaque with donor's name, graduation year, and stream. • Recognition in the university's annual report.

			• Listing in the donor appreciation section on the website.
16Cr – 19.99 Cr	≥ 8 Cr or 50% Project cost (Whichever is higher)	Diamond	• Name on Diamond Wall. • Customized plaque. •Recognition in the university's annual report and website.
	≥ 6 Cr or 40% of Project Cost (Whichever is higher)	Golden	• Name on Golden Wall. • Customized plaque with donor's name, graduation year, and stream. • Recognition in the university's annual report. • Listing in the donor appreciation section on the website.
	≥ 4Cr or 30% of Project Cost (Whichever is higher)	Silver	• Name on Silver Wall. • Customized plaque with donor's name, graduation year, and stream. • Recognition in the university's annual report. • Listing in the donor appreciation section on the website.
	≥ 2Cr or 20% of Project Cost (Whichever is higher)	Bronze	• Name on Legacy Wall. • Customized plaque with donor's name, graduation year, and stream. • Recognition in the university's annual report. • Listing in the donor appreciation section on the website.
12Cr- 15.99Cr	≥ 6 Cr or 50% Project cost (Whichever is higher)	Golden	• Name on Golden Wall. • Customized plaque with donor's name, graduation year, and stream. •Recognition in the university's annual report. • Listing in the donor appreciation section on the website.
	≥ 4Cr or 40% of Project Cost (Whichever is higher)	Silver	• Name on Silver Wall. • Customized plaque with donor's name, graduation year, and stream. • Recognition in the university's annual report. • Listing in the donor appreciation section on the website.

	≥ 2Cr or 30% of Project Cost (Whichever is higher)	Bronze	• Name on Legacy Wall. • Customized plaque with donor's name, graduation year, and stream. • Recognition in the university's annual report. • Listing in the donor appreciation section on the website.
8Cr-11.99Cr	≥ 4 Cr or 50% Project cost (Whichever is higher)	Silver	• Name on Silver Wall. • Customized plaque with donor's name, graduation year, and stream. •Recognition in the university's annual report. • Listing in the donor appreciation section on the website.
	≥ 2Cr or 40% of Project Cost (Whichever is higher)	Bronze	• Name on Legacy Wall. • Customized plaque with donor's name, graduation year, and stream. • Recognition in the university's annual report. • Listing in the donor appreciation section on the website.
4Cr-7.99Cr	≥ 2 Cr or 50% Project cost (Whichever is higher)	Bronze	• Name on Legacy Wall. • Customized plaque with donor's name, graduation year, and stream. •Recognition in the university's annual report. • Listing in the donor appreciation section on the website.

For infrastructure projects where naming rights are not applicable, any additional recognition will be in accordance with the nature or type of the specific project, as per the discretion of the competent authority.

If the contribution towards physical or academic infrastructure is less than the minimum requirement for the bronze category, the donor will be classified as a **'Supporter'**.

- The recognitions of supporter category are as follows:
  - Brick naming in a prominent area on campus.
  - Digital appreciation wall.
  - Recognition in the university's annual report.
  - Listing in the donor appreciation section on the website.

Note:

1. The naming rights for a particular category of donors for the same project shall be on first-come first-serve basis.
2. Any deviation for classification into a specific category shall be at the discretion of the competent authority.

Decision : **The Academic Council considered and recommended the Guidelines for Donor Classification based on Project Cost to the Board of Management for approval.**

Agenda 40.15 : Strategies to increase foreign nationals' intake at DTU and collaborations between top ranking universities

Strategies to increase foreign nationals' intake at DTU

Increasing international student intake at Delhi Technological University (DTU) can be approached through several strategies:

1. **Enhanced Global Marketing and Outreach:**

   - *Partnerships with Foreign Universities*: Establish exchange programs and partnerships with universities worldwide to promote DTU as a desirable destination for international students.
   - *International Education Fairs*: Participate in international education fairs and exhibitions to showcase DTU's strengths and opportunities.
   - *Online Presence*: Enhance the university's website with detailed information for international students, including courses, faculty, facilities, accommodation, and support services. Use social media platforms and online campaigns to reach a global audience.

2. **Scholarships and Financial Aid:**

   - *Merit-Based Scholarships:* Offer scholarships to high-achieving international students to attract top talent.
   - *Need-Based Financial Aid:* Provide financial aid options for students from economically disadvantaged backgrounds.

3. **Academic Excellence and Unique Programs:**

   - *Specialized Programs:* Develop unique and specialized programs that cater to global industry trends and demands, making DTU a unique choice for international students.
   - *New Fields of Specialization:* Introduce relevant courses for the modern market, with up to data coursework/

4. **Industry Connections and Career Opportunities:**

   - *Internships and Placements:* Strengthen connections with global industries to provide international students with excellent internship and job placement opportunities.
   - *Career Services:* Offer robust career counselling and support services tailored to the needs of international students.

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5. **Cultural Integration and Inclusivity:**

- *Cultural Exchange Programs:* Organize cultural exchange programs and events to promote inclusivity and help international students integrate into the campus community.
- *Language Support:* Offer language support services and courses to help non-native English speakers improve their proficiency.

6. **Alumni Network and Success Stories:**

- *Promote Alumni Achievements:* Highlight success stories of international alumni to demonstrate the potential and opportunities available at DTU.
- *Global Alumni Network:* Build a strong global alumni network that can advocate for the university and assist in recruiting international students.

7. **Government and Institutional Support:**

- *Government Collaboration:* Work with government bodies to simplify visa processes and provide support for international students.
- *Institutional Alliances:* Collaborate with international organizations and institutions to gain recognition and accreditation that will attract students globally.

Implementing these strategies can help Delhi Technological University increase its international student intake, thereby enhancing its global reputation and diversity.

Establishment of international collaboration between foreign universities and DTU:

Increasing international collaboration at Delhi Technological University (DTU) involves strategic efforts to build partnerships, enhance academic and research initiatives, and foster a global academic environment. Here are some effective strategies:

1. **Strategic Partnerships and MoUs:**
   - *Establish Memorandums of Understanding (MoUs):* Form MoUs with leading universities and research institutions worldwide to facilitate student and faculty exchanges, joint research projects, joint publications, joint mentorship, and collaborative academic programs, for instance, M.Tech (by research), Integrated M.Sc.
   - *Global Consortia Membership:* Join international academic and research consortia to participate in global projects and initiatives.

2. **Joint Research Programs:**
   - *Collaborative Research Grants:* Apply for international collaborative research grants and funding from organizations such as the European Union's Horizon 2020, NSF, and other international funding bodies.
   - *Interdisciplinary Research Centres:* Establish interdisciplinary research centres focusing on global challenges, encouraging international researchers to collaborate with DTU.

3. **Faculty Exchange and Development:**
   - *Visiting Professors and Scholars:* Invite distinguished international scholars and professors to teach and conduct research at DTU.
   - *Faculty Exchange Programs:* Encourage DTU faculty to participate in exchange programs with international universities, enhancing their global experience and fostering long-term collaborations.

4. **Student Exchange Programs:**
   - *Study Abroad Opportunities:* Develop student exchange programs allowing DTU students to study abroad and international students to study at DTU.
   - *International Internships:* Partner with global companies and institutions to provide international internship opportunities for students.

5. **International Conferences and Workshops:**
- *Host International Conferences:* Organize and host international conferences, symposiums, and workshops on cutting-edge topics, attracting global experts and fostering collaboration.
- *Participation in Global Events:* Encourage faculty and students to actively participate in international conferences and present their research.

6. **Collaborative Academic Programs:**
- *Dual, Joint and Twinning Programs:* Develop dual degree programs with international universities, allowing students to earn degrees from both institutions. Currently, several leading universities are willing to establish a sandwich program with us, for instance, University of Houston, Wright State University, Windsor University, ITLA (Dominic Republic), and many more
- *Online Collaborative Courses:* Offer online courses in collaboration with international universities, enabling joint teaching and learning experiences.

7. **Industry Collaboration:**
- *Global Industry Partnerships:* Partner with multinational corporations for research projects, internships, and industry-sponsored labs, fostering industry-academia collaboration.
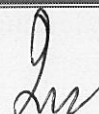
8. **Technology Transfer and Innovation:**
Promote technology transfer and innovation through international collaboration, attracting global investment and expertise, cultural and Academic Exchange:

- *Cultural Exchange Programs:* Facilitate cultural exchange programs to promote understanding and cooperation between DTU and international institutions.
- *Language and Cultural Studies:* Offer courses in foreign languages and cultural studies to prepare students and faculty for international collaboration.

9. **Alumni Engagement:**
- *Global Alumni Network:* Build and engage a global alumni network to support collaborative efforts and promote DTU's international presence.
- *Alumni Ambassadors:* Utilize international alumni as ambassadors to facilitate connections and collaborations with their respective institutions and organizations.

10. Funding and Support:

- *International Funding Opportunities:* Seek funding from international agencies and organizations to support collaborative projects and initiatives.
- *Institutional Support:* Provide administrative and financial support for faculty and students involved in international collaboration.

11. Infrastructure and Resources:

- *State-of-the-Art Facilities:* Invest in state-of-the-art research facilities and infrastructure to attract international collaborators.
- *Access to Resources:* Ensure access to global research databases, journals, and other academic resources.

12. Continuous Improvement and Evaluation:

- *Monitor and Evaluate Collaborations:* Regularly monitor and evaluate the outcomes of international collaborations to identify successes and areas for improvement.
- *Feedback Mechanisms:* Implement feedback mechanisms to gather insights from participants in international collaborations and make necessary adjustments.

By implementing these strategies, Delhi Technological University can significantly enhance its international collaborations, leading to greater academic and research excellence, global recognition, and opportunities for its students and faculty.
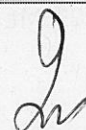
Decision : **The Academic Council considered and approved the strategies to increase foreign nationals' intake at DTU and collaborations between top ranking universities. The Council advised the Dean, International Affairs to regularly update on action taken viz-a-viz strategies in monthly meetings of Deans and HODs.**

Agenda 40.16 : Recruitment of Corporate Relations Officer and Placement Officer on a Five-Year Tenure Basis against the sanctioned posts of Professor and Assistant Professor in the Department of Training & Placement

The Department of Training and Placement bridges academia and industry by fostering corporate ties, preparing students, and facilitating recruitment. Amid rapid technological changes, global economic shifts, and increasing programs and student numbers, it faces challenges in meeting evolving industry needs, ensuring equitable placements, and enhancing employability in a competitive job market.

1. The dynamic and rapidly evolving nature of placement and corporate engagement necessitates dedicated professionals who are well-versed with the current trends in corporate relations and recruitment strategies. A five-year tenure-based appointment ensures the recruitment of candidates with relevant and updated expertise while allowing for periodic assessment of performance and realignment with university objectives.

2. The current sanctioned posts of Professor (Level 14) and Assistant Professor (Level 10) are lying vacant and not utilized in the Department of Training and Placement. It is proposed to reallocate these posts to facilitate a five-year tenure-based recruitment for the positions of Corporate Relations Officer (Level 12) and Placement Officer (Level 10).

3. The roles of the Corporate Relations Officer (Level 12) and the Placement Officer (Level 10) are critical for both strategic and operational needs of the department:
   a. **Corporate Relations Officer**: This role will be pivotal in forging strategic industry collaborations, identifying recruitment opportunities, and organizing corporate-sponsored initiatives such as internships, projects, and skill development programs.
   b. **Placement Officer**: This role will oversee the operational aspects of placement activities, including recruiter coordination, student training, and event management.

4. The following recruitment rules for the posts of Corporate Relations Officer and Placement Officer are proposed, taking into consideration the recruitment rules for similar positions in other premier institutions.

a. Recruitment Rules for the Post of Corporate Relations Officer:

1.	Name of the Post	**Corporate Relations Officer**
2.	Classification	Group A
3.	Scale of Pay	Pay Level-12 (Rs. 78800-209200) as per 7th CPC
4.	Tenure of Services	5 Years
5.	Age Limit	Preferably below 55 Years
6.	Educational and other qualifications required for direct recruits	**Essential:** Master's degree in Engineering / Technology/ MBA with at least 60% marks in the qualifying degree from a recognized University / Institute with at least of 05 years' experience in reputed Industry/ Administration in Pay Level-10 as per 7th CPC or equivalent experience for those working in private organizations. OR Bachelor's degree in Engineering / Technology with at least 60% marks in the qualifying degree from a recognized University / Institute with at least of 07 years' experience in Industry or Administration in Pay Level-10 as per 7th CPC or equivalent for those working in private organizations. **Desirable:** 1. MBA, major in HR or equivalent. 2. Relevant placement experience. 3. Administrative experience in educational /research institutes. 4. Good knowledge of computer applications. 5. Excellent oral and written communication skills in English.
7.	Performance Evaluation	Performance shall be reviewed after one year. Furthermore, the continuation of services is subject to satisfactory performance.

b. Recruitment Rules for the Post of Placement Officer:

1.	Name of the Post	**Placement Officer**
2.	Classification	Group A
3.	Scale of Pay	Pay Level-10 (Rs.56100-177500) as per 7th CPC
4.	Tenure of Services	5 Years
5.	Age Limit	Preferably below 45 Years
6.	Educational and other qualifications required for direct recruits	**Essential:** Bachelor's degree in Engineering / Technology with at least 60% marks in the Bachelor's degree from a recognized University / Institute and Two-year PG degree in Management or equivalent with specialization in HR or equivalent from a recognized university with at least of 05 years' experience in Industry/Training & Placement in Pay Level-8 as per 7th CPC or equivalent for those working in private organizations. **Desirable:** 1. Competencies for office planning and organizing, building relations with public and private sectors, team management, 2. Good working knowledge and understanding of data analysis and management (e.g., strong quantitative and analytical skills, 3. Good knowledge of computer applications. 4. Hands on experience with enterprise services and multimedia tools, Web applications, online promotional and social media tools. 5. Excellent oral and written communication skills in English.
7.	Performance Evaluation	Performance shall be reviewed after one year. Furthermore, the continuation of services is subject to satisfactory performance.

5. Together, these positions ensure seamless collaborati1on with industry partners while efficiently managing placement processes. A five-year tenure allows the university to adapt these roles based on evolving placement challenges and industry trends, ensuring the department remains dynamic and effective.

6. It was placed for kind approval of the competent authority for the recruitment of a Corporate Relations Officer (Level 12) and a Placement Officer (Level 10) on a five-year tenure basis against the sanctioned posts of Professor (Level 14) and Assistant Professor (Level 10), respectively.

Decision : The Academic Council considered and recommended the matter to the Board of management for approval with modification in recruitment rules i.e. period of probation to be replaced with Annual Performance Review which have been incorporated above.
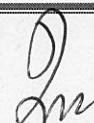
Agenda 40.17 : To start new M.Tech course in Cyber Security in Department of Computer Science and Engineering

As per the current industry need and growing demand of Cyber Security experts in IT industry and various government organizations, Department of Computer Science and Engineering (CSE) propose to start a new post-graduate course M.Tech in Cyber Security. This proposal is in the line with the strategic plan of CSE department for next two years and plan to establish a centre of excellence in Cyber Security.

The salient features of M.Tech Cyber Security course are as follows:

1. Total number of seats in M.Tech Cyber Security (Full Time) = 30
2. Total number of seats in M.Tech Cyber Security (Part Time) = 05
3. After completion of 40 credits, there would be an option of exit the course with PG Diploma in Cyber Security.
4. Skill Enhancement Course are added in the course curriculum.
5. Value Added Course are added in the course curriculum.

Decision : **The Academic Council considered and recommended the matter to the Board of Management for approval of starting of new M.Tech course in Cyber Security in Department of Computer Science and Engineering.**

Agenda 40.18 : Matter for ratification.

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

Forty Five (45) students have been registered in Ph.D. program upon successful completion of course work and comprehensive examinations and approval of research Plan by respective DRCs. Department-wise list of the registered Ph.D. is as below:

	Department of USME		
S. No.	**Name of the Student's**	**Supervisor(s)**	**Date of SRC**
01	Mr. Karan Anand, 2K20/PHD/UECO/502	Dr. Ratnam Mishra (Supervisor), Dr. Shekhar Tokas (Jt-Supervisor) Ambedkar University	13.06.2024
02	Mr. Himanshu Singh, 2K20/PHD/UECO/503	Dr. Ratnam Mishra (Supervisor),, Dr. Shekhar Tokas (Jt-Supervisor) Ambedkar University	13.06.2024
03	Ms. Stuti Sehgal, 22/PHD/UIEV/501	Dr. Kusum Lata (Supervisor) & Dr. Naval Garg, (Jt-Supervisor)	23.09.2024
04	Ms. Priyanshi jain, 23/PHD/UIEV/01	Dr. Priya Malhotra (Supervisor) & Dr. Nikunj Agarwal (Jt-Supervisor) Sri Ram College of Commerce, D.U	23.09.24
	Department of Mechanical Engineering.		
S. No.	**Name Of The Student's**	**Supervisor(s)**	**Date of SRC**
01	Mr. Aseem Dubey 2K20/PHD/ME/504	Prof. Akhilesh Arora (Supervisor)	01.06.2024
02	Mr. Dilip Kumar, 2K21/PHD/ME/510	Prof. B B Arora (Supervisor) & Prof. Akhilesh Arora, (Jt-Supervisor)	26.07.2024
03	Ms. Richa Gupta, 2K21/PHD/ME/09	Prof. Rajesh Kumar (Supervisor) &Dr. Farrukh Khalid (Jt-Supervisor)	24.10.2024
04	Mr. Shiv Prasad Singh, 2K23/PHD/ME/504	Prof. Vijay Gautam (Supervisor)	24.10.2024

Department of Electronics & Communication Engineering			
S. No.	Name Of The Student's	Supervisor(s)	Date of SRC
01	Ms. Ishita Pathak, 2k21/PHDEC/510	Prof. S. Indu (Supervisor) & Dr. Gurjit Singh (Jt-Supervisor)	03.05.24
02	Mr. Sunil Rathour,2k22/PHD/EC/508	Prof. O. P. Verma (Supervisor)	10.07.24
03	Monika Singh, 23/PHD/ECE/03	Prof. S. Indu (Supervisor) & Dr. N. Jayanthi (Jt-Supervisor)	25.07.2024
04	Mr. Nafeesh Ahmad, 2K21/PHD/EC/509	Dr. Pankaj Dahiya, (Supervisor) & Dr. Yogendra Arya, (Jt-Supervisor)	31.07.24
05	Mr. Amiya Prakash, 2k19/PHD/EC/509	Prof. Priyanka Jain, (Supervisor)	13.08.24
06	Mr. Anuj Kumar Sinha, 2K22/PHD/EC/503	Dr. Pankaj Dahiya (Supervisor) & Dr. Harikesh (Jt-Supervisor)	26.09.2024
Department of Electrical Engineering			
S. No.	Name Of The Student's	Supervisor(s)	Date of SRC
01	Mr. Vedanshu, 2k19/PHD/EE/507	Prof. M.M Tripathi (Supervisor) & Dr. Bhavnesh Jaint, (Jt-Supervisor)	11.08.2023
02	Ms. Supriya Kaul,2K21/PHD/EE/501	Dr. Vanjari Venkata Ramana, (Supervisor)	06.06.2024
03	Ms. Anjali Rai, 2k22/PHD/EE/01	Prof. Bharat Bhushan (Supervisor) And Dr. Bhavnesh jaint, (Jt-Supervisor)	22.07.2024
Department of Civil Engg			
S. No.	Name Of The Student's	Supervisor(s)	Date of SRC
01	Mr. Tanuj Kumar, 2k22/PHD/CE/502	Prof. A. Trivedi, (Supervisor) & Prof. Vijay K. Minocha (Jt-Supervisor)	14.06.2024
02	Mr. Tarun Morwal, 23/PHD/CE/06	Prof. Shilpa Pal. (Supervisor) & Prof. Nirendra Dev, (Jt-Suprvisor)	30.07.2024

03	Mr. Anand Sebastian, 23/PHD/MCG/01	Prof. K. C Tiwari, (Supervisor)	29.07.2024
04	Mr. Avinash Kumar, 2k22/PHD/CE/503	Prof. K. C Tiwari, (Supervisor) & Prof. T. Vijay Kumar, (Jt-Suprevisor)	06.08.2024
05	Mr. Kunwar Navodit Srivastava, 2k22/PHD/CE/504	Prof. A. K. Srivastava, (Supervisor) & Dr. Ritu Raj, (Jt-Suprevisor)	11.06.2024
06	Mr. Ashish, 2K22/PHD/CE/507	Prof. S. Anbu Kumar, (Supervisor)	11.10.2024
07	Mr. Anand Sebastian, 23/PHD/MCG/01	Prof. K. C Tiwari, (Supervisor)	29.07.2024

Department of CSE

S. No.	Name Of The Student's	Supervisor(s)	Date of SRC
01	Disha Dua, 2K21/PHDCO/503	Dr. Aruna Bhat (Supervisor), Dr. Ashish Girdhar (jt-Supervisor)	02.08.2023
02	Mr. Vivek Kumar, 2K22/PHDCO/503	Prof. Anil Singh Parihar (Supervisor)	09.09.2024

Department of IT

S. No.	Name Of The Student's	Supervisor(s)	Date of SRC
01	Ms. Lalita Luthra,2k22/PHD/IT/502	Dr. Ritu Agarwal (Supervisor) & Dr. Varsha Sisaudia (Jt-Supervisor)	13.05.2024

Department of Design

S. No.	Name Of The Student's	Supervisor(s)	Date of SRC
01	Ms. Awani Sankritya, 2K21/PHD/DES/501	Dr. Ravindra Singh (Supervisor). Prof. Lalit Kumar Das, IIT-Delhi (Jt-Supervisor)	22.09.2024

Department of AM

S. No.	Name Of The Student's	Supervisor(s)	Date of SRC
01	Ms. Reetika Singh, 2K22/PHD/AM/501	Dr. Goonjan Jain (Supervisor)	07.06.2024
02	Ms. Rashi Jain, 23/PHD/AM/07	Dr. Satyabrata Adhikari (Supervisor)	08.10.2024

Department of AP

S. No.	Name Of The Student's	Supervisor(s)	Date of SRC
01	Ms. Aarti, 2K22/PHD/AP/503	Prof. Rinku Sharma, (Supervisor) &	16.07.2024

		Dr. Mohan Singh Mehata, (Jt-Supervisor)	
02	Ms. Rekha Singh, 2K20/PHD/AP/507	Dr. Bharti Singh,,(Supervisor) & Dr. Ravinder Pal (Jt-Supervisor)	26.07.2024
03	Ms. Rekha Singh, 2K20/PHD/AP/507	Revised Office Order, Dr. Bharti Singh,,(Supervisor) & Dr. Ravinder Pal (Jt-Supervisor)	26.07.2024
04	Mr. Akash Khamaru,23/PHD/AP/02	Dr. Ajeet Kumar, (Supervisor)	19.09.24
05	Ms. Rashmi Meena 2K21/PHD/AP/14	Prof. Rinku Sharma, (Supervisor) & Dr. Siddhartha Lahon,(Jt-Supervisor)	23.10.2024

Department of AC

S. No.	Name Of The Student's	Supervisor(s)	Date of SRC
01	Mr. Tarun Kumar Gayen, 23/PHD/AC/07	Prof. Sudhir G. Warkar, AC (Supervisor) & Dr. Mohammad Amdad Ali, (Jt-Supervisor) USA.	02.08.2024
02	Ms. Megha, 23/PHD/AC/04	Prof. Ram Singh, (Supervisor) & Dr. Richa Srivastava, (Jt-Supervisor)	11.10.2024
03	Ms. Aarohi, 23/PHD/AC/01	Dr. Deenan Santhiya, (Supervisor)	11.10.2024
04	Ms. Megha, 23/PHD/AC/04	Prof. Ram Singh, (Supervisor) ,& Dr. Richa Srivastava, (Jt-Supervisor)	11.10.2024

Department of - Humanities

S. No.	Name Of The Student's	Supervisor(s)	Date of SRC
01	Ms. Manisha Kumari, 2K22/PHD/HUECO/01	Prof. Seema Singh, (Supervisor)	28.05.2024

Department of - DSM			
S. No.	Name Of The Student's	Supervisor(s)	Date of SRC
01	Mr. Ankit Solanki, 2k22/PHD/DSM/501	Dr. Saurabh Agrawal (Supervisor) DSM.DTU	22.08.2024
02	Ms. Rashmika, 23/PHD/DSM/02	Prof. Rajan Yadav (Supervisor) &, Prof. P. K. Suri (Jt-Supervisor)	20.09.2024
03	Mr. Azimul Haque, 2K20/PHD/DSM/507	Dr. Saurabh Agrawal (Supervisor) & Prof. Rajan Yadav (Jt-Supervisor)	24.09.2024
04	Mr. Himanshu Singh, 2K20/PHD/DSM/05	Dr. Deep Shree (Supervisor)	05.07.2022

Department of ENE			
S. No.	Name Of The Student's	Supervisor(s)	Date of SRC
01	Mr. Himank Sen, 2K22/PHD/EN/501	Dr. Lovleen Gupta (Supervisor)	14.10.2024

ii. **Programs kept suspended for the current AY 2024-25**

The following M. Tech. Program Branches remain suspended for the current Academic year 2024-2025:

1. M.Tech.(Polymer Technology), Department of Applied Chemistry
2. M.Tech. (Material Science and Technology), Department of Applied Physics
3. M.Tech. (Production Engineering), Department of Mechanical Engineering.
4. M.Tech.(Thermal Engineering), Department of Mechanical Engineering.
5. M.Tech. (Energy Systems and Management), Department of Mechanical Engineering.

Office order No. 104-94/ DTU/ Acad-PG/ M.Tech Adm/ 2024-25/ 7820-24 dated 12.08.2024 Regarding suspension of the above programs for the AY 2024-25 has been issued.

iii. Admission Brochure M. Tech. by Research program

It submitted that the Admission Brochure for M.Tech by Research program for the academic year 2024-25 has been published and the same will be tabled during the meeting.

iv. Admission Brochure and Seat Matrix for Five Years integrated B. Sc. & M. Sc. Program for the Academic year 2024-25

It is submitted to the Academic Council that the Admission Brochure for the Academic year 2024-2025 has already been approved by the Hon'ble Vice Chancellor and the same will be tabled during the meeting.

Seat Matrix for Five-Years integrated B. Sc. & M. Sc. Program:

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

v.   Admission brochure of MBA (BA), MBA (IEV) and MBA (Executive) 2024-26 batch

It submitted that the Admission Brochures for MBA (BA), MBA (IEV) and MBA (Executive) 2024-26 batch have been published and the same will be tabled during the meeting.

vi.   Minor Revision in Syllabus of MBA Program

It is submitted that the evaluation scheme of two course in 1st year of MBA program (MBA-111 -Decision Sciences and MBA- 104 – Business Research Methods) has 1 credit (2 hours) of practical component.

Proposed changes were approved in the Board of Studies (BOS) on 06/09/2024.

Present Syllabus	Proposed / Amended Syllabus
MBA- 104 – Business Research Methods Current Evaluation Scheme: PR-CWS-PRS-MTE-ETE- PRE: 0-25-0-25-50-0, LTP:3-0-2 **MBA-111 - Decision Sciences** Current Evaluation Scheme: PR-CWS-PRS-MTE-ETE- PRE: 0-25-0-25-50-0, LTP:3-0-2	**MBA- 104 – Business Research Methods** Proposed Evaluation Scheme: PR-CWS-PRS-MTE-ETE-PRE: 0-15-25-20-40-0, LTP:3-0-2 **MBA-111 - Decision Sciences** Proposed Evaluation Scheme: PR-CWS-PRS-MTE-ETE-PRE: 0-25-0-25-50-0, LTP:3-1-0

Decision :   The Academic Council ratified the above actions of the University.
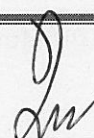
Agenda 40.19 : Matter for Information.

    i. **Admissions made in various PG programs for the Academic year 2024-25**

It was submitted for information that the following admissions were made in various PG programs for the Academic Year 2024-25. The admission details are as follows:

S. No.	Program	Sanctioned Intake	No. of Admissions	Foreign National
	Program wise PG Admission Data 2024-25			
1.	M. Tech. (20 courses)	657	371	1
2.	M. Tech. Part Time	312	12	0
3.	M. Tech. Sponsored	125	01	0
4.	M. Tech. by Research	132	31	0
5.	M. Design	75	33	0
6.	M.Sc.	240	245	0
7.	Integrated B. Sc. & M.Sc.	150	125	0
8.	M. Sc. Geospatial Science	30	13	0
9.	MBA (DSM) & UMBA	271	271	0
10.	MBA (Executive)	60	36	0
11.	MBA-BA	40	40	0
12.	MBA-IEV	30	15	0
13.	EMBA (DSA)	30	12	0
14.	M.A. (Economics)	62	61	0

The list of the admitted students in various programs was placed at Annexure pages 222 to 314 in the Agenda note.

ii. Admissions made in Ph.D. program for the summer session August 2024

It was submitted for information that the following admissions were made for the winter session January 2024. The admission details are as follows:

| Department wise Ph.D. Data August 2024 |
S. No.	Department	Admitted
1	Applied Chemistry	4
2	Applied Mathematics	4
3	Applied Physics	18
4	Biotechnology	7
5	Civil Engineering	5
6	Computer Science and Engineering	12
7	Design	0
8	Electrical Engineering	5
9	Electronics and Communication Engineering	12
10	Environmental Engineering	1
11	Humanities (Economics)	4
12	Information Technology	6
13	Management-DSM	7
14	Mechanical Engineering	10
15	USME	7
16	MCG	1
17	CESH	9
18	Software Engineering	4
	Total	116
	Full Time with DTU fellowship	45
	Foreign National	4
	UGC/CSIR	15
	Full time without fellowship	15
	Part Time	22
	IWP	14
	Total	**116**
	Intake DTU Fellowship	**137**
	Male	59
	Female	57

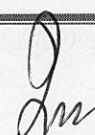The list of the admitted students in Ph.D program was placed at Annexure pages 315 to 317 in the agenda note.

iii. Cancellation/ Withdrawal of admission from Ph.D. program.

It was submitted for information that the following Cancellation/ withdrawal were made in various PhD programs for the Academic Year 2024-25. The details are as follows:

Sr. No.	Roll No.	Name of Scholar	Department	Effect from
1	2K16/PHDCE/13	Prem Singh	Civil Engg.	18.11.2024
2	2K21/PHDCE/13	Shubham Kumar	Civil Engg.	19.11.2024
3	2K15/PHDEN/03	Manninder Kaur	Env. Engg.	30.08.2024
4	2K16/PHDEN/04	Prerna	Env. Engg.	30.08.2024
5	2K18/PHDEN/04	Anjesh Garg	Env. Engg.	30.08.2024
6	2K18/PHDEN/06	Chitrakshi	Env. Engg.	30.08.2024
7	2K18/PHDEN/504	Tarushi Singh	Env. Engg.	30.08.2024
8	2K19/PHDEN/503	Bimal Jain	Env. Engg.	30.08.2024
9	2K20/PHDEN/01	Ravi Joshi	Env. Engg.	30.08.2024
10	2K20/PHDEN/02	Harshit Chawala	Env. Engg.	30.08.2024
11	2K21/PHDEN/02	Ashutosh Kumar	Env. Engg.	30.08.2024
12	2K22/PHDEN/02	Bhushra Hasan	Env. Engg.	30.08.2024
13	2K17/PHDEE/18	Manas Taneja	Electrical Engg.	25.09.2024
14	2k21/PHDDSM/11	Mr. Abhinay Shukla	DSM	18.03.2024
15	23/PHDDSM/04	Neetu Mehra	DSM	03.10.2024
16	24/PHDAM/01	Divya Babar	Applied Mathematics	14.08.2024
17	24/PHDAM/04	Shalu	Applied Mathematics	05.08.2024
18	24/PHDCE/01	Nishith Singh	Civil Engineering	27.08.2024
19	24/PHDCE/02	Shivam Srivastava	Civil Engineering	09.08.2024

Decision : The Academic Council noted the above information.

Agenda 40.20 : Any other item with the permission of the Chair

Suppl. Agenda 40.21 : Concept Note, Budgetary Provisions, Implementation Phase, Source of Funding and Financial Proposal for School of Interdisciplinary Learning and Research (SILR)

It was submitted to the Academic Council that one of the key features of NEP-2020 is to encourage inter-disciplinary, trans-disciplinary and multi-disciplinary Learning. In this regard, School of Interdisciplinary Learning and Research is planned to be established at DTU that would house departments and centres to offer academic programs, undertake research activities, create and disseminate knowledge in interdisciplinary studies. In this regard, a committee was constituted comprising of the following members:

Prof. A. Trivedi, CED	Chairperson
Prof. Vishal Verma, EED	Member
Prof. V.K. Minocha, CED	Member
Prof. Girish Kumar, MED	Member
Prof. Roli Purwar, ACD	Member
Prof. Anil Kumar, MED	Member
Dr. Yashna Sharma, ECED	Member
Prof. Ruchika Malhotra, SED	Member Secretary

The Committee invited additional invitees (Dean UG, PG, IRD, AA, IA and IIF CEO) as and when required. The Committee proposed the Concept Note for the School to provide the background, context and need, which highlights the vision and mission of DTU in particular and NEP-2020 in general as vision and mission; scope and objectives; proposed departments and centres; academic programs and planned research activities; integration with existing mono-disciplinary departments, IIF and planned Research Park at the Narela Campus.

The proposal was placed before the Board of Management in its 52nd meeting held on 26.09.2024 and in principle approved the Concept Note for School of Interdisciplinary Learning and Research (SILR) at DTU with following stipulations:

1. Budgetary provisions may be worked out& placed before Finance Committee for consideration.
2. Implementation in phased manner.
3. Source of funding to centre must be elaborated.
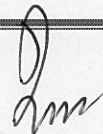4. Financial proposal may be placed before Finance Committee & Board of Management.

Accordingly, budgetary provisions, implementation phases, source of funding and financial proposal for SILR includes the following:

(a) The SILR shall be implemented in 3 phases of 2 years each in a period of 6 years.

(b) The sources of funding of the centres shall be as per the provisions of the University and industry sponsored corporate social responsibilities (CSR).

(c) The financial proposal to compliment the activities of SILR are as follows:

S.No.	Position(s)	Number(s)	Qualification	Preferable	Scale of Pay
1.	Research Scientist	02	Ph.D awarded or submitted	Engineering/Management (Engineering & Technology background)	Rs 57,700/- to 1,82,400/-
2.	LDC/JOA	02	Graduation	As per University Rules & Regulations	Rs. 25,500/- to 81,100/-
3.	MTS	02	Matriculation	As per University Rules & Regulations	Rs. 18,000/- to 56,900/-

Decision : The Academic Council considered and recommended the matter to the Finance Committee for approval.

Suppl. Agenda 40.22 : Approval of Guidelines for "Sponsored Research Project Award" for Principal Investigator of Delhi Technological University.

It was submitted to Academic Council that meetings of following committee constituted by competent authority to frame the guidelines for incentives for Patents, Product Developments, Technology Transfer, Sponsored Research Projects, Newspaper Editorials, policy benefits to government (Evidence based). Following were the members of committee:

1.	Prof. A.K. Sahu, Dean –IRD	: Chairman
2.	Prof. Vishal Verma, EE	: Member
3.	Prof. Neeta Pandey, ECE	: Member
4.	Prof. Dinesh Kumar Vishwakarma, IT	: Member
5.	Prof. Anil Kumar, ME	: Member
6.	Prof. Anil Kumar, AC	: Member
7.	Dr. Rishu Chaujar, AP	: Member
8.	Dr. Shikha N. Khera, DSM	: Member
9.	Prof. C.P Singh, AM	: Member
10.	Prof. Yasha Hasija, BT	: Member
11.	Prof. Anil Singh Parihar, CSE	: Member
12.	Prof. Roli Purwar, AD-IRD	: Member

Meetings were held on 08/01/2024, 11/01/2024, 01/03/2024, 03/05/2024 & 06/11/2024. After discussion and deliberation, the committee recommended the following guidelines for incentives for Sponsored Research Projects.

Guidelines for "Sponsored Research Project Award" for Principal Investigator of Delhi Technological University

Sponsored research project awards shall be given to principal investigator of Delhi Technological University (DTU) in the recognition to receive the sponsored research grant from any funding agency (National and International). The award aims to motivate and recognize individual excellence in research and development work. The award will be given for the sponsored project completed in each year (1st January - 31st December). Principal investigator from DTU can apply for the award. A notice will be circulated annually and the application form for getting the details of completed sponsored research project qualifying the selection criteria will be submitted to the concerned section.

Definitions

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

"Sponsored Research Project" means research projects sponsored by Government, national/international agencies. Generally, the project cost including expenditure towards manpower, equipment, consumables and support services of the University is borne by the sponsor and there is no honorarium/payment to principal investigator.

"Sponsor" means the organization that offers a Project to the University and provides necessary financial support for the successful completion of the project in time.
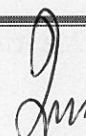
"Principal Investigator (P.I.)" means, a faculty/scientist /emeritus fellow/chair professor/ visiting professor at the University with the necessary expertise and competence to conduct a sponsored research work. Normally, the faculty/scientist/ emeritus fellow/chair professor/ visiting professor who submits the project proposal and is instrumental in getting the project funding is the Principal Investigator (PI).

"Co-Principal Investigator (Co-PI)" means a faculty/scientist/emeritus fellow/chair professor/ visiting professor at the University with 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 direct a particular portion of the project and retain limited administrative oversight over the grant.

Research Faculty Development Fund (RFDF) means a sub account created by the R&D Office under R&D account for individual academic staff (faculty/scientist/emeritus fellow/chair professor/ visiting professor) where the Sponsored Research Project Award shall be credited. The University overhead charges/ share from research projects are also transferred to this account.

Prize Money and Selection Criteria
1. The award money shall be given after the successful completion of the project.
2. The award money shall be 10% the cost of fund utilization of the sanctioned project to DTU. The fund utilization shall exclude the overhead charges.
3. The maximum ceiling amount for the award money shall be Rs. 10 Lakh. Fifty percent (50%) of the award money shall be given as cash prize to Principle Investigator and Co-investigator(s). And remaining Fifty percent (50%) prize money shall be credited to RFDF account of Principal Investigator and Co-investigator(s).
4. For consortia project, award money distributed to member/PI shall be based on the amount utilized under sanctioned project to DTU.
5. Distribution of Award Money among PI and Co-PI

a. The PI will decide the distribution of award money among the Co-PI(s).
b. A minimum 25% and maximum 50% prize money shall be given to Co-PI(s).
c. The distribution of the award money of Co-PI shall be among the DTU faculty/scientist/emeritus fellow/chair professor/ visiting professor. In case if there is any Co-PI outside DTU, the part of the award money of external Co-PI will not be deducted from the award money of the Co-PI of DTU faculty/scientist/emeritus fellow/chair professor/ visiting professor.

Decision : The Academic Council considered and recommended the matter to the Finance Committee and Board of Management for approval of the guidelines for "Sponsored Research Project Award" for Principal Investigator of Delhi Technological University.
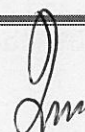
Suppl. Agenda 40.23 : Approval of panel of subject experts in Selection Committee for teaching posts

As per Section 11(3) of DTU Statutes (First), 2009, *"The academic council shall draw up a list of experts/professionals to be members of selection committees constituted under Clause 16(2) and 16(3). Such a list of experts/ professionals shall be submitted to the Government, through Secretary, Department of Training & Technical Education and as may be required by the Government, experts/ professionals would be dropped/ substituted in the list drawn up by the academic council."*

Further, as per Section 16(2)(iii) of the DTU Statute (First), 2009, *"Three experts not connected with the University to be nominated by the Vice-Chancellor from a panel of not less than seven names approved by the Academic Council for each department/school."*

Accordingly, panel of subject experts submitted by various academic department along with additional list approved by the Vice Chancellor for nomination in Selection Committee for teaching posts, is placed in a sealed cover which was tabled.

Decision : The Academic Council considered and recommended the matter to the Board of Management for approval of the panel of Subject Experts in Selection Committee for teaching posts.

Suppl. Agenda 40.24 : Approval for Guidelines for Incentivizing Students and their respective supervisors for completing Ph.D within minimum stipulated time

It was submitted to the Academic Council that the Competent Authority has constituted a committee of following members to Incentivizing Students and their respective supervisors for completing Ph.D within minimum stipulated time and to form policy for increasing number of Ph.D awarded in the University:

1. Prof. A. Trivedi   -   Chairperson
2. Prof. Rinku Sharma   -   Member
3. Prof. Vishal Verma   -   Member
4. Prof. G.C. Maheshwari -   Member
5. Dr. Pravin Kumar   -   Member
6. Prof. Ruchika Malhotra -   Member Secretary

The Committee has formulated the guidelines for Incentivizing Students and their respective supervisors for completing Ph.D within minimum stipulated time which are placed at *Annexure pages 23 to 24*.

Decision :   **The Academic Council considered and recommended the matter to the Board of Management for approval of the guidelines for Incentivizing Students and their respective supervisors for completing Ph.D within minimum stipulated time.**

Suppl. Agenda 40.25 : Matter for Ratification :

(i) Revision in Passing Criterion Courses offered at UG, PG and Ph.D level programs

The main goal of engineering education/professional studies is to provide students with the technical knowledge and skills to solve real-world problems. While theoretical knowledge forms the foundation, practical applications reinforce theoretical concepts and foster necessary skills that are essential for professional success.

To assess attainment of learning outcomes of various courses continuous assessment is carried out through various evaluation components such as Class Work Sessional (CWS); Practical Sessional (PRS), Studio Sessional (STS), Practical Examinations (PRE), Mid Term Examination (MTE) and End Term Examination (ETE).

The distribution of weightage/marks among various components of continuous evaluation is given in Table below:

Course Type	Relative Weights				
	CWS	PRS/ STS	MTE	ETE	PRE
Theory course (No Lab)	25	--	25	50	--
Theory course (with Lab)	15	25	20	40	--
Practical Course	--	50	--	--	50

CWS: Class Work Sessional; **PRS**: Practical Sessional; **STS**: Studio Sessional, **PRE**: Practical Examinations; **MTE**: Mid Term Examination; **ETE**: End Term Examination.

As per existing scheme at least 35% marks (inclusive of all evaluation components as applicable for the course) are to be obtained to earn credits of a course.

It was submitted to the Academic Council that following revision in course evaluation criteria is unanimously resolved in the meeting of HoDs and Deans and is approved by the Chairman Academic Council.

Revision in Course Evaluation Criteria:

In addition to existing condition of acquiring at least 35% marks (inclusive of all evaluation components as the case may be depending upon the LTP structure of the course) to earn credits of a course, following revisions are proposed in evaluation criteria to make evaluation process more rigorous:

i. The sum total of marks obtained in MTE and ETE components should be at least 35% of sum total of Maximum Marks assigned to MTE and ETE components in courses having (L T P) as (3 0 2) or (3 1 0).

ii. In all the theory courses with (LT P) as (3 0 2) End Term Practical examination should be conducted by an external examiner and 60% weightage of PRS component be assigned to this assessment component.

iii. For practical course (having only PRS and PRE components) with LTP as (0 0 4 or 1 0 2) marks obtained in PRE components should be at least 35% of Maximum Marks assigned to PRE component.

This scheme shall be applicable for student batches admitted in AY 2024-25 onwards for all programmes offered by the university.

(ii) Extension of time span period to complete B.Tech Degree in r/o Mr. Abhishek Narang (2K17/CO/17) batch (2017-21).

It is submitted to the Academic Council that as per the Regulation of DTU, the duration of the B.Tech is 4-years i.e. 8 semesters. The enrolment of a student will stand cancelled at the end of 7 years from the date of commencement of 1st semester. Mr. Abhishek Narang (2K17/CO/17) batch (2017-21) could not complete his B.Tech in the maximum span period. He had requested for extension of span period. The Competent Authority of DTU has accorded the approval for re-admission in academic year 2024-25 along with span period of 2 academic years (2024-25 to 2025-26) as notified vide office order no. F.No.105(1090)DTU/Acad-UG/2024-25/17399-602 dated 08.10.2024.

(iii) Extension of time span period to complete B.Tech Degree in r/o Mr. Deependra.

It is submitted to the Academic Council that as per the Regulation of DTU, the duration of the B.Tech is 4-years i.e. 8 semesters. The enrolment of a student will stand cancelled at the end of 7 years from the date of commencement of 1st semester. Mr. Deependra (2K16/SE/25) batch (2016-2020) being a PwD student and suffering from medical /COVID consequences could not complete his B.Tech degree in the maximum span period of 7 years. He had requested for extension of time span period. The Competent Authority of DTU has accorded the approval for re-admission on humanitarian ground in academic year 2025-26.

Decision : The Academic Council ratified the above decision.

Suppl. Agenda 40.25 : Constitution of CRC and SRC of centres

The University has approved various centes of excellence in multidisciplinary areas to spearhead the R&D, activities, networking and outreach for the benefit of society at large, breaking closed silos of monodisciplinary approach. The drivers for R&D activities are primarily faculty/Scientist and Research Scholars, thus centres of the University would require large numbers of Research Scholars working under the guidance of faculty/ Scientist from multiple discipliners to aim at inter disciplinary research. It is therefore, envisaged to create a scope in PhD ordinance to accommodate the requirements of the centres for taking R&D activities forward by admitting PhD Scholars, which would require constitution of Centre Research Committee (CRC) for different Centres of Excellence and Centres of the Universities.

In line with Ordinance and Regulation (R.8) for PhD programme of the University, for enrolling the PhD students for carrying research in the centre, a Constitution of CRC is proposed to be added in the form of regulation 8.1 (a) and 8.2 (b) stated below.

R.8.1 (a) Composition of CRC and SRC of the centre's will be as follows.

1. Director of the centre   -   Chairperson
2. All the Head of Divisions   -   Members
3. Two Associate Professor Co-opted for research in the centre nominated by Vice Chancellor, DTU
4. Two Assistant Professor Co-opted for research in the centre nominated by Vice Chancellor, DTU
5. Two outside Experts Co-opted for research in the centre nominated by Vice Chancellor, DTU
6. Supervisor (s) only in cases where the progress reports of the concerned candidate shall be discussed.

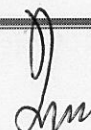R.8.2 (b) The Composition of SRC of the centres will be as follows.

1. Chairman CRC or his nominee
2. Head of Division (if applicable)
3. Two outside experts nominated by Vice Chancellor in consultation with the Dean PG from the panel recommended by CRC of the concerned centre
4. One university faculty expert preferably in the concerned area, from within the centre appointed by Vice Chancellor in consultation with the Dean PG.

Further, it was proposed to add/replace at all places in the ordinances.

Replace- Departmental Research Committee and Centre's Research Committee in place of Departmental Research Committee.
Replace- DRC and CRC in place of DRC
Replace- Departments and Centres in place of Department

Replace- HoD and Director of the centre in place of HoD

Replace- Head of Department and Director of the Centre in place of Head of Department

Addition- Definition of CRC

CRC means Centre's Research Committee. The constitution of CRC shall be as per R.8.1(a) of Regulations.

Decision : **The Academic Council considered and recommended the matter to the Board of Management for the constitution of CRC and SRC of centres in line with DRC and SRC of the departments and Director in place of HOD.**

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

(Prof. Madhusudan Singh)
Registrar

ANNEXURE

to Minutes

40th meeting of Academic Council, DTU

06-12-2024

Shahbad Daulatpur, Bawana Road, Delhi-110042

DELHI SCHOOL OF MANAGEMENT
DELHI TECHNOLOGICAL UNIVERSITY

F. No. DTU/DSM/BOS/2024-25/ 348　　　　　　　　　　　　　**Date: 23/11/2024**

Minutes of the 35th Meeting of Board of Studies

The 35th meeting of the following members of Board of Studies, Delhi School of Management, DTU was held on 23rd November, 2024 under the chairmanship of Dr. Saurabh Agrawal, Head, Delhi School of Management in hybrid mode in Committee Room, DSM.

1) Dr. Saurabh Agrawal, Associate Prof., HOD, DSM
2) Prof. P K Suri, Professor, DSM
3) Prof. Rajan Yadav, Professor, DSM
4) Prof. H K Dangi, University of Delhi, BOS Member (External)
5) Mr. Gaurav Saxena, BOS Member (External)
6) Mr. Kamal Kumar, CEO, Priserve Infra, BOS Member (External)
7) Dr. Archana Singh, Associate Professor, DSM, DTU
8) Dr. Deepali Malhotra, Assistant Professor, DSM, DTU
9) Dr. Deep Shree, Assistant Professor, DSM, DTU
10) Mr. Yashdeep Singh, Assistant Professor, DSM, DTU
11) Dr. Chandan Sharma, Assistant Professor, DSM
12) Dr. Vikas Gupta, Associate Professor, DSM, DTU (Special Invitee)

At the outset, HOD, DSM welcomed all the members and briefed them about the agenda of the meeting. The agenda wise decisions/approvals taken are as follows:

Agenda 1: Revision in scheme of syllabus of MBA (Executive) Programme.
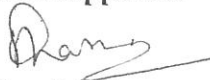
Decision: BOS members suggested valuable changes in the scheme of syllabus presented in the meeting. Members advised to introduce a few more electives in the meeting. All the changes suggested by them have been incorporated in the scheme of syllabus & same has been **approved.**
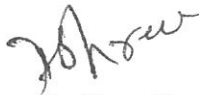
Agenda 2: Approval of administrative responsibilities assigned to faculty members --- Program Advisor, Course Coordinator, Post Graduate Executive Committee and Grade Moderation Committee.
Decision: Approved
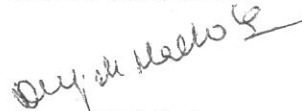
Agenda 3: Approval of Paper Setter and Examiners for MBA (IEV) Courses and MB207.
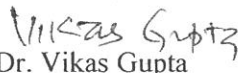**Decision: Approved**
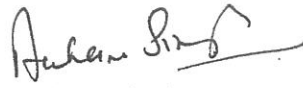
Dr. Chandan Sharma　　　　　　Dr. Deep Shree　　　　　　Dr. Deepali Malhotra
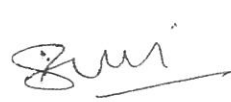
Mr. Yashdeep Singh　　　　　　Dr. Vikas Gupta　　　　　　Dr. Archana Singh

Mr. Kamal Kumar (online)　　　Mr. Gaurav Saxena (online)　　Prof. H K Dangi (online)

Prof. Rajan Yadav　　　　　　Prof. P K Suri　　　　　　Dr. Saurabh Agrawal
　　　　　　　　　　　　　　　　　　　　　　　　　　　　　HOD, DSM

—|—

Copy to:

1. PA to Vice Chancellor for information of Hon'ble Vice Chancellor
2. Registrar
3. Dean PG
4. COE
5. Dr. Saurabh Agrawal, Associate Prof., HOD, DSM
6. Prof. P K Suri, Professor, DSM
7. Prof. Rajan Yadav, Professor, DSM
8. Prof. H K Dangi, University of Delhi, BOS Member (External)
9. Mr. Gaurav Saxena, BOS Member (External)
10. Mr. Kamal Kumar, CEO, Priserve Infra, BOS Member (External)
11. Dr. Archana Singh, Associate Professor, DSM, DTU
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13. Dr. Deep Shree, Assistant Professor, DSM, DTU
14. Mr. Yashdeep Singh, Assistant Professor, DSM, DTU
15. Dr. Chandan Sharma, Assistant Professor, DSM
16. Dr. Vikas Gupta, Associate Professor, DSM, DTU (Special Invitee)

DELHI SCHOOL OF MANAGEMENT
DELHI TECHNOLOGICAL UNIVERSITY

Draft Framework for MBA(Executive) Syllabus
(To be effective from AY 2025-26)

-3-

Vision

To be among the leading world class management education and research institutions for meeting the contemporary and emerging challenges of business and society.

Mission

M1. To develop socially responsible and ethically driven innovative managers and future leaders.

M2. To evolve a system of quality education and research in management through sustained institutionalized efforts of students and faculty.

M3. To equip the students with contemporary and emerging developments in the field of management

Program Educational Objectives (PEOs)

PEO 1: To develop effective communication, interpersonal, motivational and leadership skills to work in multi-disciplinary teams.

PEO 2: To apply business concepts to managerial decision making in variety of complex business situations.

PEO 3: To develop a systematic understanding of globalization and its impact on people, businesses and the economy.

PEO 4: An ability to use current techniques, skills, and tools necessary for managerial practice.

PEO 5: Students will be able to develop business strategies that serve the long-term interests of a firm.

PEO 6: To inculcate value-based leadership, ethical qualities and a sense of social purpose among MBA (Executive) students.

Program Outcomes (POs)

The MBA (Executive) Student will be:

1. Able to develop business writing and deliver a professional, individual or group oral presentations.

2. Able to identify, assess and evaluate alternatives managerial decisions.

3. Demonstrate an understanding of how global competitive environments are changing business practice and able to identify and evaluate potential market opportunities

4. Possessing the ability to select and apply appropriate managerial and technical tools

5. Able to develop innovative business strategies to serve long term interest of a firm.

6. Aware and sensitive to societal concerns and work towards development of sustainable solutions to problems at large.

Program Specific Outcomes (PSOs)

The MBA (Executive) student will:

1. Specialize in both technical and functional areas.

2. Possess ability to make effective managerial decisions utilizing business concepts and managerial tools.

Definition of key words

Core Courses: This is a course which is to be compulsorily studied by a student as a core requirement to the completion of the program

Discipline Specific Elective: This is a course that is supportive to the discipline of study, provides an expanded scope, enables exposure to some other domains or nurtures proficiency/skills.

Program: An educational program leading to the award of a degree, diploma or certificate.

Academic Year: Two consecutive (one odd + one even) semesters constitute one academic year.

Semester: Each semester consists of 14-15 weeks of academic work. The odd semester may be scheduled from July to December and even Semester from January to June.

CBCS: It provides choice for students to select from the prescribed courses.

Course: It is usually referred to as "Papers". All courses need not carry the same weight/ credit. A course may comprise lectures/ tutorials/ practicals, field work, outreach activities/ project work/ vocational training/ viva/ seminars etc., or a combination of a few of these.

Credit: A unit by which the course work is measured. It determines the number of hours of instructions required per week. One credit is equivalent to one hour of teaching or two hours of practical work.

Semester Grade Point Average (SGPA): It is a measure of performance of work done in a semester. It is ratio of total credit points secured by a student in various courses registered in a semester and the total course credits taken during that semester. It is expressed up to two decimal points.

Cumulative Grade Point Average (CGPA): It is a measure of overall cumulative performance of a student over all the semesters. The CGPA is the ratio of total credit points secured by a student in various courses in all semesters and the sum of total credits of all courses in all the semesters. It is also expressed up to two decimal points

Grade Point: It is the numerical weight allotted to each letter grade on a 10 point scale.

Letter Grade: It is an index of the performance of students in a said course. Grades are denoted by letters O, A+, A, B+, B, C, P and F.

Transcript or Grade Card: Based on the grades earned, a Marksheet is issued to all registered students after every semester. The Marksheet displays the course details along with SGPA of that semester and CGPA earned till that semester

Tutorial- For students it will be on an average one hour per student per week. Students may be formed in a group of five and they would interact with the faculty over case based/ project-based assignment.
(Since the batch consists of advanced learners, slow learners, research-oriented students, foreign students etc. hence the tutorial should be delivered in flexible mode. It will help in concept clarification, practical applications, research etc. as per the need of the student.)

Practical- Hands on experience of the concepts/techniques on defined tools/software/database-psychometrics- personality profile- group dynamics etc. The student will be required to work in group of up to 20 students. It will inculcate skills in critical areas like decision making, also focus on being industry ready.

Project: is a semester-long course that requires students to build on what they've learned so far and apply it to real-world business problems. Students will be attached with a mentor from industry as well as faculty and they will be required to pair with a company with a product or service challenge for students to address.
The evaluation of the research project shall be carried out jointly by a panel of internal and external examiner. The department may invite external examiners across the specialization and industry.

Pedagogical Notes:

1. Entrepreneurial thinking will be promoted in the delivery of various courses.

2. Case study approach as a critical learning tool will be thoroughly used to enhance the student abilities in delineating critical thinking dilemmas faced by organizations, help them in applying concepts and solve practical problems.

3. Predictive and real-life exposure will be provided to the students at all levels.

4. In addition to the focus on the corporate sector, exposure to the social sectors and public policy issues will be suitably incorporated in the delivery of the curriculum.

5. Students will be trained in innovative and out-of-box thinking in various courses to meet workplace challenges in the VUCA world.

6. The whole curriculum will be delivered in the ethical contexts and will emphasize human values.

7. The delivery will incorporate global contexts for wider perspectives and thinking.

8. The overall delivery will to provide an integrated and holistic foundation of the different fields of business management with a clear focus on problem-solving.

9. Throughout the curriculum delivery, the emphasis will be on developing leadership skills through practical exercises.

10. Successful Indian business models will be shared with students in different courses.

11. Contemporary pedagogical tools like Moderator-Supported Learner Approaches, Simulation Exercises and Crossword Play will be used to enhance learning experience.

The learning pedagogy will be complemented with self-learning tools such as poster sessions, break-and-build and free-fall learning and innovative business education methods including design thinking, project-based learning, contemplative practices, assumption-busting and theatre techniques to deepen learning.

Process Followed in the Revision of the Syllabus

Stage-I

Formation of a core committee for Course Revision comprising of senior faculty members of the department with an objective to generate ideas and inputs and provide direction for the revision of the structure, credits and contents etc.

Stage-II

Discussions with area Wise Working Groups with a purpose to provide domain specific input under their respective areas.

Stage-III

Feedback from the alumni and students

Stage-IV

Revision of framework based on the feedback
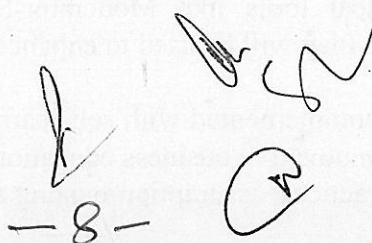
Stage-V

Approval by Board of Studies

Stage-VI

Proposal for the Approval of Academic Council

Detail of Credit Distribution

Semester	Core Courses (CC)	Discipline Specific Courses (DSE)	Value Added and Skill Enhancement Courses (VAC & SEC)	Research Project
I	18		2	
II	15		5	
III	6	12	5	
IV	6	12	3	6
Total	45	24	15	6
TOTAL - 90 credits				

FIRST SEMESTER

S. No	Course			Credits	Contact Hours			Exam Duration (Hrs)		Relative Weights				
	Code	Title	Discipline		L	T	P	ETE	PRE	CWS	PRS	MTE	ETE	PRE
1		Organizational Behavior and Human Resource Management	CC	3	3	0	0	3	0	25	0	25	50	0
2		Managerial Economics	CC	3	3	0	0	3	0	25	0	25	50	0
3		Financial and Cost Accounting	CC	3	3	0	0	3	0	25	0	25	50	0
4		Marketing Management	CC	3	3	0	0	3	0	25	0	25	50	0
5		Perspectives in Business Law	CC	3	3	0	0	3	0	25	0	25	50	0
6		Decision Sciences	CC	3	3	0	0	3	0	25	0	25	50	0
7		Managerial Skill Development	SEC	2	2	0	0	-	2	0	50	0	0	50
		TOTAL		20	20	0	0			150	50	150	300	50

SECOND SEMESTER

S. No	Course			Credits	Contact			Exam Duration (Hrs)		Relative Weights				
	Code	Title	Discipline		L	T	P	ETE	PRE	CWS	PRS	MT E	ETE	PR
1		Business Policy and Strategy	CC	3	3	0	0	3	0	25	0	25	50	0
2		Business Research Methods	CC	3	3	0	0	3	0	25	0	25	50	
3		Financial Management	CC	3	3	0	0	3	0	25	0	25	50	
4		Operations and Supply Chain Management	CC	3	3	0	0	3	0	25	0	25	50	
5		AI Applications in Business	CC	3	3	0	0	3	0	25	0	25	50	
6		Design Thinking	SEC	3	3	0	0	3	0	25	0	25	50	
7		Managing Happiness	VAC	2	2	0	0	0	2	0	0	50		5
		TOTAL		20	20	0	0	18	2	150	0	200	300	5

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THIRD SEMESTER

S. No	Course			Credits	Contact Hours			Exam Duration (Hrs)		Relative Weights				
	Code	Title	Discipline		L	T	P	ETE	PRE	CWS	PRS	MTE	ETE	PRE
1		Business Analytics	CC	3	3	0	0	3	0	25	0	25	50	0
2		Project Management	CC	3	3	0	0	3	0	25	0	25	50	0
3		Specialization Elec X	DSE	3	3	0	0	3	0	25	0	25	50	0
4		Specialization Elective X	DSE	3	3	0	0	3	0	25	0	25	50	0
5		Specialization Elective X	DSE	3	3	0	0	3	0	25	0	25	50	0
6		Specialization Elective X	DSE	3	3	0	0	3	0	25	0	25	50	0
7		Indian Knowledge System and Professional Ethics	VAC	2	2	0	0	2	0	25	0	25	50	0
8		Executive Leadership Evaluation Stage-I	SEC	3	0	0	0	0	0	0	0	0	0	100
		TOTAL		23	20	0	0	20	0	175	0	175	350	100

Fourth Semester

S. No	Course			Credits	Contact Hours			Exam Duration (Hrs)		Relative Weights				
	Code	Title	Discipline		L	T	P	ETE	PRE	CWS	PRS	MTE	ETE	PRE
1		Leadership and Change Management	CC	3	3	0	0	3	0	25	0	25	50	0
2		ESG and Sustainability	CC	3	3	0	0	3	0	25	0	25	50	0
3		Specialization Elective-X	DSE	3	3	0	0	3	0	25	0	25	50	0
4		Specialization Elective-X	DSE	3	3	0	0	3	0	25	0	25	50	0
5		Specialization Elective-X	DSE	3	3	0	0	3	0	25	0	25	50	0
6		Specialization Elective-X	DSE	3	3	0	0	3	0	25	0	25	50	0
7		Major Research Project	P	6	0	0	0	0	0	0	50	0	0	50
8		Executive Leadership Evaluation	SEC	3	0	0	0	0	0	0	0	0	0	100
		TOTAL		27	18	0	0	18	0	150	50	150	300	150

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List of Discpline Specific Electives under Specializations

Specialization Area: Operations and Supply Chain Management

1. Operation Analytics
2. Supply Chain Modelling
3. Supply Chain Strategy and Innovation
4. Supply Chain Planning and Execution
5. Behavioral Operations and Supply Chain Management
6. Digital Operations and Supply Chain Management
7. Logistics Planning & Management
8. Procurement & Supplier Relationship Management
9. Warehouse Management
10. Business Process and Change Management
11. Sustainable Supply Chain Management
12. International Logistics Management
13. Production Planning and Control
14. Total Quality Management
15. Contemporary Issues in Supply Chain Management

Specialization Area: Finance

1. Investment Management
2. Corporate Tax Management
3. Investment Banking and Financial Services
4. Financial Markets and Institutions
5. International Financial Management
6. Corporate Mergers, Acquisitions and Restructuring
7. Derivatives and Risk Management
8. Financial Modeling and Forecasting
9. Management Control Systems
10. Financial Analytics
11. Financing the Entrepreneurial Business
12. Project Appraisal and Finance
13. Behavioural Finance
14. Wealth Management
15. Contemporary Issues in Finance

Specialization Area: Human Resource Management

1. Industrial Relations & Labor Legislation
2. Organizational Development AND Team Building
3. Strategic Human Resource Management
4. Cross Cultural and International Human Resource Management
5. Training and Development
6. Compensation management
7. Performance Management
8. Changing Paradigms in Leadership
9. Interpersonal Processes and Counselling Skills for Managers
10. HR Analytics
11. Negotiation Skills and Conflict Management
12. Business Excellence through HRM
13. HRM in Service Sector
14. Talent Management
15. Contemporary Issues in HRM

Specialization Area: Marketing Management

1. Consumer Behaviour
2. Integrated Marketing Communication
3. Business to Business Marketing
4. Sales Management
5. Service Marketing
6. Global Marketing Management
7. Strategic Brand Management
8. Digital Marketing
9. Retailing Management
10. Marketing Channels
11. Marketing Analytics
12. Customer Acquisition, Retention and Loyalty
13. Contemporary Issues in Marketing Management

Specialization Area: International Business

1. International Business Strategy
2. International Trade: Policies and Strategies
3. India's Foreign Trade and Investment
4. Transnational and Cross-Cultural Marketing

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5. Multinational Business Finance
6. International Supply Chain Management
7. International Joint Ventures, Mergers and acquisitions
8. Cross Cultural Human Resource Management
9. Legal Dimensions of International Business
10. Contemporary Issues in International Business

Specialization Area: Information Technology Management

1. Application of AI in Business
2. Big Data Analytics
3. Business Intelligence and Analytics
4. Information Technology and Business Process Reengineering
5. Data Mining for Business Analytics
6. Database Management System
7. E-Business
8. E-governance for Inclusive Development
9. Enterprise Resource Planning
10. Software Project Management
11. Business Systems Analysis and Design
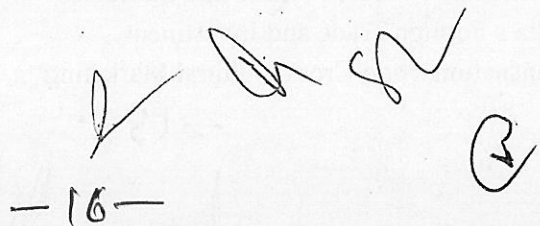12. Contemporary Issues in Information Technology Management

Specialization Area: Entrepreneurial Management

1. Identifying and Evaluating Business Opportunities.
2. Design Thinking and Product Development
3. Financing the Entrepreneurial Business
4. Entrepreneurial Marketing
5. Entrepreneurship and E-business
6. Creativity and Innovation.
7. Family Business Management.
8. Social Entrepreneurship.
9. Contemporary Issues in Entrepreneurial Management

Specialization Area: Business Analytics

1. Python Programming for Data Analytics
2. R Programming for Data Analytics
3. Data Warehousing and Data Mining
4. Machine Learning
5. Big Data analytics
6. Optimization and Simulation Modeling
7. Predictive Modeling
8. Natural Language Processing

Note:

1. After completion of first year courses successfully, the student will get Post Graduate Diploma in Business Management on exit from the program.
2. A student is allowed to earn a maximum of 6 credits from the MOOCs/NPTEL against the elective courses in III and IV semesters. The list of such courses shall be made available at the beginning of the semester before registration.
3. The Research Project is required to be done individually under one internal and one external mentor. A maximum of five students will be allocated to each team of internal/external mentors. The honorarium to mentors shall be paid as per the University norms.
4. Students must attend a minimum number of activities/sessions and the defined evaluation process for each course to be conducted under Managerial Skill Development and Executive Leadership Evaluation Stage I/II. The detail of such activities will be shared at the beginning of the semester by concerned faculty members.
5. Specialization/electives will be offered based on the choice of students. *However, as per the policy, a particular specialization/elective will be offered only when the required minimum number of students register for the course. The department may also restrict some of the combinations of specialization/electives keeping in view the industry trend, job opportunities, slots available in the time table and students' preferences.*
6. The program will be delivered in flexible mode- where up to 30% of classes will be held in hybrid mode as per NEP/UGC Guidelines. It will provide opportunities for overseas collaborations and arrangement of experts for interactions to the students of this program.

Course code: Course Title	Course Structure			Prerequisite
VAC - VIVEK MARG	L	T	P	None
	2	0	0	

Course objective: The vision of Vivek Marg is to truly empower students and give them a new identity. Every student participating in the program will feel, at least in a small way, the extraordinary power and strength which Swami Vivekananda talked about as inherent in every human being. This will enable them to stand on their own feet, face the challenges of life and become truly enlightened citizens, irrespective of their academic achievements. The program is meant to enable students to discover a tremendous sense of self-confidence and courage to face life squarely.

S. No.	Course Outcomes (CO)
CO1	Understand how to believe in themselves and live with integrity
CO2	Respond to life better and find a sense of connection
CO3	Understand their purpose and make responsible choices
CO4	Do their very best under all situations with minimum anxiety
CO5	Improve relationships through acceptance and effective communication
CO6	Apply their learnings in day-to-day situations

S. No	Content	Content hours
Module 1	**Orientation** *Relevance to youth, structure, approach* Objective of the course, relevance of Swami Vivekananda's ideas for youth, role of VIVA, Vivek Marg - a pathway to fulfilment, mindset transformation, team activity	2
Module 2	**Know Yourself - Believe in Yourself** *Understand your true nature, emotions and worth*	2

	Determinants of self-worth, understanding your identity, our path to fulfilment, qualities we demonstrate (Sattva, Rajas and Tamas), Sattvic practices, balancing Gunas, reflections	
Module 3	**Building Internal and External Harmony** *Accepting yourself, accepting others* Understanding ourselves, Who are my own? How can I expand my identity? What causes long-lasting happiness? What happens when we expand our hearts? Expansion in a crisis, practices	2
Module 4	**Finding Purpose - Setting Goals** *Visualising how to achieve fulfilment in life* What is purpose? Maslow's Hierarchy of needs, What is the difference between need and purpose? Purpose of life according to Swami Vivekananda, Work with a purpose, Inspiring role-model, SMART goals, Ikigai, activity	2
Module 5	**Project work and mid-term evaluation** *Based on group projects and presentations*	2
Module 6	**Making Conscious Choices** *The importance of Viveka and Vichara* What is discrimination? Understanding wisdom, practical ways to develop Viveka, How to make responsible choices	2
Module 7	**Communicating Effectively** *Tools for honest yet empathetic expression* Types of communication, The ideal communicator, Non-Violent communication, Buddha and the gift, Communicating when you have made a mistake, How to show gratitude, Why is it difficult to communicate effectively and empathetically, Basis of communication, Activity	2
Module 8	**Understanding the Power of your Mind** *Using the mind constructively* What is the Mind?, Three planes of the Mind, Superconscious Mind and its Powers, Which aspect of You is in-charge?, The five states of mind, What causes fluctuations in the Mind?, Vedantic journaling	2
Module 9	**Being a Karma Yogi** *Finding Bliss through work* What is Karma Yoga?, The Service Attitude, Working with a service attitude, "How" to work, Working like a Master,	2

	Attachment and Detachment, Unselfishness, Activity	
Module 10	**Project work and final evaluation** *Based on group projects and presentations*	2

	REFERENCES	
S. No	**Name of Books/ Authors**	**Year of Publication**
1	Swami Vivekananda, *"The Complete Works of Swami Vivekananda: 150th Birth Anniversary Edition"*, Advaita Ashrama, Kolkata, 9 vols, 2016 • Volume 1 – Karma Yoga • Volume 2 – Work and its Secret • Volume 2 – The Powers of the Mind • Volume 6 – Concentration and Breathing For the official online version, please visit: https://englishbooks.rkmm.org/s/tsv/m/the-complete-works-of-swami-vivekananda	2016
2	Swami Tapasyananda, "Srimad Bhagavad Gita - The Scripture of Mankind", Ramakrishna Math, Chennai • Chapter 14 - Division according to the three Gunas	2012
3	Swami Nikhilananda, "Vedanta-sara of Sadananda - The Essence of Vedanta", Advaita Ashrama	2014
4	Nathaniel Branden, "The Six Pillars of Self-Esteem", Bantam Books	1994
5	Viktor Frankyl, "Man's Search for Meaning: An Introduction to Logotherapy", Beacon Press, 4th edition	1992
6	Hector Garcia and Francesc Miralles, "Ikigai: The Japanese Secret to a Long and Happy Life ", Penguin Books	2017
7	James P Carse, "Finite and Infinite Games - A Vision of Life as Play and Possibility", Ballantine Books	1987
8	Swami Medhananda, "Swami Vivekananda's Vedantic Cosmopolitanism", Oxford University Press	2022
9	Daniel Goleman, "Focus: The Hidden Driver of Excellence", HarperCollins	2013

10	Marshall. B. Rosenberg, "Nonviolent Communication: A Language of Life", PuddleDancer Press, 2nd edition	2003
11	Swami Vivekananda, "Letters of Swami Vivekananda", Advaita Ashrama, 11th edition	2008
12	Killingsworth, M. A., & Gilbert, D. T., "A wandering mind is an unhappy mind", Science	2010
13	Swami Budhananda, "Tl e Mind and Its Control", Advaita Ashrama	1974
14	Mihaly Csikszentmiha yi, "Flow: The Psychology of Optimal Experience", HarperCol ins	1990

Evaluation is as follows: Essay 1 - 25 marks, Essay 2 - 25 Marks, Group Work - 50 Marks.

Delhi Technological University

A committee of the following members was constituted to discuss, formulate and recommend guidelines for the Award for Submission of Ph.D Thesis within Stipulated Period:

1. Prof. A. Trivedi, Chairperson
2. Prof. Rinku Sharma, Member
3. Prof. Vishal Verma, Member
4. Prof. G.C. Maheshwari, Member
5. Dr. Pravin Kumar, Member
6. Prof. Ruchika Malhotra, Member

A meeting was held on 6 February 2024 at 3:00 pm in the Committee Room of Department of Software Engineering and the guidelines were recommended. The Guidelines were further discussed in the meeting of Deans and HoDs, chaired by Hon'ble Vice Chancellor, on 5 June 2024. The suggestions are incorporated and the revised guidelines are given below.

Guidelines for the Award for Submission of Ph.D Thesis within Stipulated Period

A. PREAMBLE: In the recognition of importance of the research work and to motivate the individual excellence in research, the cash awards will be given to Ph.D scholars and their respective supervisors for submitting the Ph.D thesis within the stipulated period as per the Ph.D ordinance.

B. DEFINITIONS:

i. **"University"** shall mean Delhi Technological University (DTU), Delhi.
ii. **Supervisor:** An individual who is a regular faculty member approved by Academic Council to guide/supervise Ph.D candidate 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 Ph.D candidate is governed during the Ph.D peroid.

C. NATURE OF THE AWARD

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

D. ELIGIBILITY CRITERIA

This award will be granted if the following conditions are satisfied:

- The Ph.D thesis has been submitted by the candidate in the minimum period as per DTU Ph.D. Ordinance.
- The Ph.D candidate has completed Coursework, Comprehensive Examination and approval of Research plan within the stipulated period as prescribed in DTU Ph.D Ordinance.
- **Three publications** have been made in SCI/SCIE/SSCI indexed journals.
- The Ph.D candidate have not made any mandatory publications (as per Ph.D ordinance) in the journals which seeks Article Processing Fees/Charges.

- All the progress report of the candidate during the Ph.D duration must be satisfactory.
- The Ph.D thesis has been recommended by both the examiners with/without minor revisions for the award of the degree.

E. AWARD AMOUNT AND DISTRIBUTION

A cash prize of Rs. 50000 will be awarded to the Ph.D Student and cash prize of Rs. 50000 will be awarded to the thesis supervisor/joint supervisor along with the certificate of merit.
- When there is more than one supervisor, equal amount will be distributed to all the supervisors/joint supervisors.
- When there are external supervisors, then equal amount will be deducted from the total amount.

F. PROCEDURE FOR THE AWARD

i. A notice will be circulated annually and the entry form will be circulated and a committee be constituted by Hon'ble Vice Chancellor to determine the eligibility of the entries.

ii. A certificate be obtained from the supervisor through DRC Chairperson regarding the completion of comprehensive examination within the stipulated period as per the DTU Ph.D Ordinance.

iii. A certificate be obtained from the supervisor through DRC Chairperson regarding the recommendation of thesis with/without minor revisions for the award of the degree.

iv. A certificate be obtained from the supervisor through DRC Chairperson declaring the satisfactory progress reports of the Ph.D candidate.

H. DISCLAIMER: The DTU reserves the right to consider/reject the application, decide the date, and any other matter which is not specified other matter which is not specified in the guidelines. The decision of DTU in selecting the awardees is final and binding.

I. POWER TO REMOVE DIFFICULTIES: If any difficulty arises in giving effect to the provisions of these guidelines, the Vice Chancellor may, make such provisions, not inconsistent with the provisions in these guidelines, as appear to be necessary or expedient for removing the difficulty.