MINUTES OF THE 18TH MEETING OF THE SENATE

12.02.2025

राष्ट्रीय प्रौद्योगिकी संस्थान दिल्ली
NATIONAL INSTITUTE OF TECHNOLOGY DELHI
(शिक्षा मंत्रालय, भारत सरकार केअधीन एक स्वायत्त संस्थान)
(An autonomous Institute under the aegis of Ministry of Education, Govt. of India)
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**MINUTES OF THE 18TH MEETING OF SENATE, NIT DELHI
HELD ON 12TH FEBRUARY 2025 at 02:30 PM IN THE COMMITTEE ROOM,
4TH FLOOR, ADMINISTRATIVE BLOCK, NIT DELHI**

The following members were present in the meeting: -

1.	**Prof. Ajay Kumar Sharma** Director, NIT Delhi	:	Chairman
2.	**Prof. Akshay Dvivedi** IIT Roorkee	:	Member
3.	**Prof. Suresh Jain (Virtual Mode)** IIT Delhi	:	Member
4.	**Prof. Surekha Dangwal (Virtual Mode)** VC, Doon University	:	Member
5.	**Prof. Vinod Kumar Garg** Central University of Punjab	:	Member
6.	**Prof. Geeta Sikka** Dean Academic, NIT Delhi	:	Member
7.	**Prof. Jyoteesh Malhotra** Dean Research and Consultancy, NIT Delhi	:	Member
8.	**Prof. Manoj Kumar** Dean Faculty Welfare, NIT Delhi	:	Member
9.	**Prof. Obbu Chandra Sekhar** Dean Planning and Development, NIT Delhi	:	Member
10.	**Prof. Ujjwal Kalla** Dean, Startup & IPR, NIT Delhi	:	Member
11.	**Dr. V. S. Pandey** Dean Student Welfare, NIT Delhi	:	Member
12.	**Dr. Amit Mahajan** HoD CSE & Assoc. Dean Academic, NIT Delhi	:	Member
13.	**Dr. Rikmantra Basu** HoD ECE, NIT Delhi	:	Member
14.	**Dr. Abhishek Mishra** HoD M&AE, NIT Delhi	:	Member
15.	**Dr. Kapil Kumar** HoD CE, NIT Delhi	:	Member
16.	**Dr. Pankaj Mukhija** HoD EE, NIT Delhi	:	Member
17.	**Dr. Gyanendra Sheoran** HoD AS Hum. & Mgt., NIT Delhi	:	Member

18.	**Dr. Prashant Kumar** COE, NIT Delhi	:	Special Invitee
19.	**Dr. Anurag Singh** Head Computer Centre, NIT Delhi	:	Special Invitee
20.	**Prof. Hitesh Sharma** Registrar, NIT Delhi	:	Secretary

At the outset, the Chairman welcomed all the members present in the meeting, The Chairman requested all the Senate members to provide their valuable insights to help elevate the Institute to a higher academic level. The Chairman requested Dean Academic to present the agenda.

ITEM NO. 01: Senate/18/2025/01

To note and confirm the Minutes of the 17th meeting of Senate held on 30th May 2024.

Dean Academic briefed the Senate on the minutes of the 17th Senate meeting held on May 30, 2024, which had been circulated to all members. As no comments were received, it was resolved that the minutes are confirmed as circulated.

ITEM NO. 02: Senate/18/2025/02

To note the action taken report on the minutes of the 17th Meeting of Senate held on 30th May 2024.

Dean Academic apprised of the Action Taken Report on the minutes of the 17th Senate meeting (dated 30th May 2024): -

ACTION TAKEN REPORT

ITEM NO.03 Senate/17/2024/03

To consider and approve the recommendations related to the B.Tech programs.

ITEM NO.	Senate/17/2024/3.1
AGENDA	**The Honorable Senate is kindly requested to consider and approve the proposal for addition of the course outcomes and to submit the revised scheme and syllabus for the B.Tech degree programme in the ECE Department effective from AY 2023-2024 onwards in accordance with the National Education Policy 2020 by the Govt. of India.**
RESOLUTION OF SENATE	It was resolved: • To assign one credit to the course "Holistic Health and Sports" (Course Code: HSPB 151). • To ensure the total credit count in each semester does not exceed 20 credits. • To verify that the course code for "Holistic Health and Sports" (HSPB 151) is consistent Institute wide • To Include a CO_PO (Course Outcomes - Program Outcomes) mapping table for each course in the scheme as decided in the Pre Senate meeting. **The above criteria shall be applicable uniformly across all Departments.**
ACTION TAKEN	*The CO-PO mapping has yet to be implemented; however, all other points have been implemented.*

ITEM NO.	Senate/17/2024/3.2
AGENDA	To consider and approve the proposal for introduction of the course scheme and syllabus for the B.Tech VLSI Design and Technology degree programme along with scheme to be initiated in the ECE Department to be effective from AY 2024-2025 onwards in accordance with the National Education Policy 2020 by the Govt. of India.
RESOLUTION OF SENATE	It was discussed that: The scheme and syllabus for the 1st semester of B.Tech VLSI Design and Technology was discussed at length and the following observations were made. • It was desired to revise the scheme and syllabi for the 2nd to 8th semesters of the VLSI Design and Technology programme. • To incorporate additional core courses focusing on VLSI design and introduce distinct courses from those offered in the ECE department. • It was decided to present the revised schemes and syllabi before the Senate via the Departmental Board of Studies (DBOS), comprising of special invitees from the industry and the VLSI domain. • Also to ensureB.Tech PEOs (Program Educational Objectives) for ECE and VLSI Design and Technology are distinct. • The scheme and syllabi for Ist Semester only was approved by the Honorable Senate. • Assign one credit to the course "Holistic Health and Sports" (Course Code: HSPB 151). • Verify the course code for "Holistic Health and Sports" to ensure it meets the institute-level standard.
ACTION TAKEN	This agenda item has been implemented

ITEM NO.	Senate/17/2024/3.3
AGENDA	To ratify the syllabus of two courses in the 2nd Year B.Tech EE Curriculum for AY 2022-23 batch onwards of Electrical Engineering Department.
RESOLUTION OF SENATE	It was resolved that: • The Internet of Things course can be offered by different departments under their own departmental codes. Each department shall assign a distinct course name highlighting its relevance to their discipline and ensure that 30 to 40% of the syllabus is tailored to meet their specific needs and differs from the syllabi of other departments. • The syllabus needs to be approved by the Departmental Board of Studies (DBoS) and subsequently presented in the Senate meeting.
ACTION TAKEN	This agenda item has been implemented

ITEM NO.	Senate/17/2024/3.4
AGENDA	To consider and approve the proposal of Scheme and Syllabus of 3rd Year and 4th Year of B Tech in Electrical Engineering for AY 2022-23 batch onwards.

RESOLUTION OF SENATE	Approved
ACTION TAKEN	**This agenda item has been implemented**

ITEM NO.	Senate/17/2024/3.5
AGENDA	**To consider and approve the proposal of updated scheme of B Tech 1st and 2nd year of Electrical Engineering for A.Y. 2023-24 onwards.**
RESOLUTION OF SENATE	Approved
ACTION TAKEN	**This agenda item has been implemented**

ITEM NO.	Senate/17/2024/3.6
AGENDA	**To consider and approve recommendations of syllabus of B Tech (Mechanical Engineering) 3rd Year from the AY 2024-25.**
RESOLUTION OF SENATE	It was suggested: • In Semester V, EEBB-311 needs to be changed to EELB 311 with approval from the Chairman Senate. • It was suggested to reframe the Course Outcomes (COs) according to Bloom's Taxonomy and the same be considered by the Departmental Board of Studies (DBoS). It can be placed before Senate in the next meeting. • Also to include the CO-PO mapping tables as per NBA for all courses in the scheme. • Additionally, it was suggested to revise the list of experiments and course codes in the scheme.
ACTION TAKEN	*The CO-PO mapping has yet to be implemented; however, all other points have been implemented. The same shall be complete by end of June 2025.*

ITEM NO.	Senate/17/2024/3.7
AGENDA	**The Senate is kindly requested to consider to start B.Tech (Aerospace Engineering) from AY 2024-25.**
RESOLUTION OF SENATE	It was resolved that the Institute may start of B.Tech programme in Aerospace Engineering from the AY 2024-25 with an intake of 24 students. The Senate recommended to the BOG for consideration.
ACTION TAKEN	**This agenda item has been implemented**

ITEM NO.	Senate/17/2024/3.8
AGENDA	**The Senate is kindly requested to consider the course-scheme of first year of B.Tech (Aerospace Engineering).**
RESOLUTION OF SENATE	It was decided that: It was suggested to include courses on Aerospace Software Engineering in the scheme: • Data Handling and Management in Aerospace Systems

	• Cloud computing technologies in aerospace engineering, covering topics such as cloud infrastructure, virtualization, data storage, and scalable computing for aerospace data processing and analysis. • Courses on Unmanned Aerial Vehicle (UAV) Design and Dynamics and Navigation be included. The Course Scheme be got approved from the Chairman Senate and can be ratified in the next meeting.
ACTION TAKEN	*Partially implemented & in progress. Shall be completed by end of the June 2025.*

ITEM NO.	Senate/17/2024/3.9
AGENDA	**To consider and approve the course codes for second year courses and syllabus for third semester courses of B Tech in Artificial Intelligence and Data Science for 2023 scheme.**
RESOLUTION OF SENATE	Approved
ACTION TAKEN	**This agenda item has been implemented**

ITEM NO.	Senate/17/2024/3.10
AGENDA	**To consider and approve the syllabus for the fifth semester courses of B.Tech Programme in Computer Science and Engg. for the 2022 scheme.**
RESOLUTION OF SENATE	Approved
ACTION TAKEN	**This agenda item has been implemented**

ITEM NO.	Senate/17/2024/3.11
AGENDA	**To consider and approve the syllabus of B Tech courses CSBB 181 Problem Solving and Computer Programming and CSBB 255 Data Structures that are to be offered to other departments.**
RESOLUTION OF SENATE	Approved
ACTION TAKEN	**This agenda item has been implemented**

ITEM NO.	Senate/17/2024/3.12
AGENDA	**To consider and approve the scheme for B.Tech Minor Degree Programme in Computer Science and Engg. with two specializations.**
RESOLUTION OF SENATE	Approved
ACTION TAKEN	**This agenda item has been implemented**

ITEM NO.	Senate/17/2024/3.13
AGENDA	**To consider and approve the evaluation criteria for major project CSPB 400 of B.Tech Programme in Computer Science and Engineering.**

RESOLUTION OF SENATE	The following evaluation criteria was approved for CSPB 400 Major project
	• Students with the valid proof of Research/Review publication (published/accepted) in a conference, unpaid journal, Article, Book Chapter, Utility Patent/IPR(applied/published/granted), or Copyright will qualify for an Excellent Grade (A+).
	• Students unable to furnish valid proof of any of the aforementioned criteria will be eligible for Grade A or lower, determined by their performance in the Major Project.
	These evaluation standards shall be uniformly applicable across all Departments.
ACTION TAKEN	**This agenda item has been implemented**

ITEM NO.	Senate/17/2024/3.14
AGENDA	**To consider and approve the implementation of the change in the nomenclature of the course, Extra Curricular Activities (Sports) to the holistic health and sports with credit structure [L T P C 0 0 2 1] in the B.Tech curriculum.**
RESOLUTION OF SENATE	Approved
ACTION TAKEN	**This agenda item has been implemented**

ITEM NO. 04 Senate/17/2024/04
To consider and approve the recommendation related to M.Tech programs.

ITEM NO.	Senate/17/2024/4.1
AGENDA	**The Senate is kindly requested to consider and approve the M.Tech Civil Engineering course curriculum.**
RESOLUTION OF SENATE	It was resolved that the following suggestion to be incorporated:
	• In the M.Tech Programme, students are required to undertake two MOOC Courses/Independent Study Courses, each carrying 3 credits. While these courses are preferably taken in the 3rd and 4th Semesters, students wishing to take them in the 1st and 2nd semesters are allowed to do so. However, the marks for these courses shall be credited in the 3rd and 4th semesters respectively.
	• Evaluation of the MOOC Courses will be integrated into the 3rd and 4th semesters. If a student completes a MOOC course and submits the result by the end of the 3rd Semester and 4th semester respectively, they are exempted from appearing for the Institute Exam. Nonetheless, candidates unable to provide the MOOC completion certificate must sit for the End Semester Examination for that particular course at the Institute.
	• The credit for each semester shall not exceed 20.
	• Seminars should not exceed 2 credits.
	• Dissertation I and II should be allocated 16 credits each in the 3rd and 4th semesters, respectively.
	All Heads should provide the updated course syllabus and curriculum and shall be applicable to all Departments.

ACTION TAKEN	This agenda has been implemented in the following Departments:- • Computer Science and Engineering • Electronics and Communications Engineering • Civil Engineering The implementation of this agenda is currently under progress in the following Departments and will be updated before the upcoming session ie August 2025: • Mechanical & Aerospace Engineering • Applied Sciences Humanities & Management • Electrical Engineering

ITEM NO.	Senate/17/2024/4.2
AGENDA	**To consider and approve the proposal for modification in course code and to submit the revised scheme and syllabus for the M.Tech degree programme for Electronics and Communication Engineering and M.Tech Degree Programme for Electronics and Communication Engineering (VLSI Design) in the ECE department effective from AY 2022-2023 onwards in accordance with the National Education Policy 2020 by the Govt. of India.**
RESOLUTION OF SENATE	It was resolved that the: PEOs (Programme Educational Outcomes) should be revised.
ACTION TAKEN	**This agenda item has been implemented**

ITEM NO.	Senate/17/2024/4.3
AGENDA	**To consider and approve the proposal of additional experts to be included in the approved panel of external examiners for the M.Tech ECE dissertation II course (ECEM 651) and M.Tech ECE (VLSI) dissertation II course (ECVM 651) offered in the Electronics and Communication Engineering Department of National Institute of Technology Delhi.**
RESOLUTION OF SENATE	It was resolved that every Department can maintain their list of Experts for the purpose of End semester presentations and Viva Voce Examinations with the following conditions to be followed: • The Experts should be of the rank of Associate Professors and above from NITs/ IITs or rank of Professor from all other Institutes. • It was also decided that before inviting the Examiners for M.Tech Viva Voce Examinations, the names of 4 subject experts for each batch of 3 students from the relevant discipline be put up for approval from the Hon'ble Director through the Dean Academic.
ACTION TAKEN	**This agenda item has been implemented**

ITEM NO.	Senate/17/2024/4.4
AGENDA	**To consider and approve to ratify the proposal of the syllabus of Advanced Control Systems (EELM 564) in the curriculum of M.Tech. (Power Electronics and Drives) for the AY 2023-24 batch onwards of the Department of Electrical Engineering.**

RESOLUTION OF SENATE	Approved
ACTION TAKEN	This agenda item has been implemented

ITEM NO.	Senate/17/2024/4.5
AGENDA	To consider and approve to ratify the syllabus of M.Tech. (PES) 2ⁿᵈ semester courses in the curriculum for AY 2023-24 batch onwards of Department of Electrical Engineering.
RESOLUTION OF SENATE	Approved
ACTION TAKEN	This agenda item has been implemented

ITEM NO.	Senate/17/2024/4.6
AGENDA	To consider and approve the proposal for the Replacement of the Core Course of Power System Reliability (EELM 507) with a new proposed course of EELM 509 Applied Power Electronics Systems in M.Tech 1st semester (Power and Energy Systems) curriculum for the AY 2024-25 batch onwards of the Department of Electrical Engineering.
RESOLUTION OF SENATE	Approved
ACTION TAKEN	This agenda item has been implemented

ITEM NO.	Senate/17/2024/4.7
AGENDA	To consider and approve the proposal for a new syllabus of 08 elective courses in the M.Tech (Power and Energy Systems) curriculum for the AY 2024-25 batch onwards of the Department of Electrical Engineering.
RESOLUTION OF SENATE	Approved
ACTION TAKEN	This agenda item has been implemented

ITEM NO.	Senate/17/2024/4.8
AGENDA	To consider and approve the proposal of a new syllabus of 05 elective courses in the M.Tech (Power Electronics and Drives) curriculum for the AY 2024-25 batch onwards of the Department of Electrical Engineering.
RESOLUTION OF SENATE	Approved
ACTION TAKEN	This agenda item has been implemented

ITEM NO.	Senate/17/2024/4.9
AGENDA	**To consider and approve the proposal of an updated syllabus of 03 core courses in the M.Tech (Power Electronics and Drives) curriculum for the AY 2024-25 batch onwards of the Department of Electrical Engineering.**
RESOLUTION OF SENATE	Approved
ACTION TAKEN	**This agenda item has been implemented**

ITEM NO.	Senate/17/2024/4.10
AGENDA	**The Honourable Senate is kindly requested to consider and approve the recommendations of expert examiner list for conducting the Viva-voce of M.Tech (CAD/CAM) final year from the AY 2024-2025.**
RESOLUTION OF SENATE	It was decided that: Every Department can maintain their list of Experts for the purpose of End semester presentations and Viva Voce Examinations. However, the Experts should be of the rank of Associate Professors and above from NITs/ IITs or rank of Professor from all other Institutes. • It was instructed that before inviting the Examiners for M.Tech Viva Voce Examinations, the names of 4 subject experts for each batch of 3 students from the relevant discipline be put up for approval from the Hon'ble Director through the Dean Academics.
ACTION TAKEN	**This agenda item has been implemented**

ITEM NO.	Senate/17/2024/4.11
AGENDA	**The Senate is kindly requested to consider and approve the recommendation of the Department of Applied Sciences and Humanities regarding the below mentioned point:** **M.Tech in INDUSTRIAL CHEMISTRY effective from AY 2024-2025.**
RESOLUTION OF SENATE	It was resolved: • Update the COs as per Bloom's Taxonomy resubmit it through the Internal DBoS. • Title of ICLM 503 to be changed to Analytical Techniques • Courses from the Electives to be introduced as Core Courses. • Other criteria's as per agenda point 4.1 should be followed.
ACTION TAKEN	*No action required as this agenda has been withdrawn in the 18th Senate Meeting.*

ITEM NO.	Senate/17/2024/4.12
AGENDA	**To consider and approve the scheme for the M.Tech Executive Programme in Artificial Intelligence & Data Science.**

RESOLUTION OF SENATE	It was decided that: • M.Tech Executive Programme in Artificial Intelligence & Data Science should run as a two (02) year programme rather than three years. • The scheme to be revised accordingly and submitted through Internal DBOS.
ACTION TAKEN	The committee was formed during the 18th Senate meeting to develop the Standard Operating Procedures (SoP) for the Online Executive M.Tech program. This matter will be presented as a new agenda item in the next Senate meeting.

ITEM NO.	Senate/17/2024/4.13
AGENDA	**To consider and approve the requirement of compulsory publication for thesis submission of M.Tech CSE and M.Tech CSE (Analytics) Dissertation II CSPM 651.**
RESOLUTION OF SENATE	Concerning 4.13 it was resolved that ONE publication is mandatory and shall be applicable for all the M.Tech programmes of the Institute for submission of Dissertation. The following shall be the evaluation criteria: • Students with valid proof of Research / Review publication in a reputable Conference (Scopus Indexed), an unpaid Journal, Article / Book Chapter/ Utility Patent/ Intellectual Property Right (IPR) with NIT Delhi (applied/ published/ granted)/ Copy Right shall be eligible for an A+ grade. • Students with research / review publications in other conferences will be eligible for Grade A or lower grades.
ACTION TAKEN	**This agenda item has been implemented**

ITEM NO.	Senate/17/2024/4.14
AGENDA	**To consider and approve the criteria for opting courses from the core courses bouquet as the core courses in first and second semesters of M.Tech Programme in CSE and M.Tech Programme in CSE (Analytics).**
RESOLUTION OF SENATE	Approved
ACTION TAKEN	**This agenda item has been implemented**

ITEM NO.	Senate/17/2024/4.15
AGENDA	**To consider and approve the criteria for selecting a MOOC course.**
RESOLUTION OF SENATE	Approved
ACTION TAKEN	**This agenda item has been implemented**

ITEM NO.05 Senate/17/2024/05
To consider and approve the recommendations related to the PhD program.

ITEM NO.	Senate/17/2024/5.1
AGENDA	The Senate is kindly requested to consider and approve the recommendation of the Department of Applied Sciences and Humanities regarding the below mentioned point: New courses for Ph.D course work in Chemistry effective from AY 2024-2025.
RESOLUTION OF SENATE	The item has been withdrawn.
ACTION TAKEN	*No action required*

ITEM NO.	Senate/17/2024/5.2
AGENDA	To accord approval to allow Student Activity & Sports Officer (SASO) to supervise Ph. D students in the relevant discipline at NIT Delhi.
RESOLUTION OF SENATE	The item has been withdrawn.
ACTION TAKEN	*No action required*

ITEM NO.	Senate/17/2024/5.3
AGENDA	The Senate is kindly requested to consider the Recommendations related to rectification in Rules and Regulation of PhD programme.
RESOLUTION OF SENATE	The item has been withdrawn.
ACTION TAKEN	*No action required*

ITEM NO.	Senate/17/2024/5.4
AGENDA	To Consider and Approve the Recommendations related to rectification in Rules and Regulation of Postdoctoral Fellowship (PDF) programme.
RESOLUTION OF SENATE	Approved
ACTION TAKEN	**This agenda item has been implemented**

ITEM NO.	Senate/17/2024/5.5
AGENDA	To Consider and Approve the Recommendations related to Conferment of PhD Degree.
RESOLUTION OF SENATE	Approved
ACTION TAKEN	**This agenda item has been implemented**

ITEM NO.06	Senate/17/2024/06
AGENDA	**The Senate is kindly requested to consider and approve the recommendations to change the name of the "Department of Mechanical Engineering" to "Department of Mechanical & Aerospace Engineering" from the AY 2024-25**
RESOLUTION OF SENATE	The Senate recommended the change in name of Department of Mechanical Engineering to: **"Department of Mechanical and Aerospace Engineering"**
ACTION TAKEN	**This agenda item has been implemented**

ITEM NO.07	Senate/17/2024/07
AGENDA	**The Senate is kindly requested to consider and approve the Academic Calendar of Autumn Semester 2024.**
RESOLUTION OF SENATE	Approved
ACTION TAKEN	**This agenda item has been implemented**

ITEM NO.08	Senate/17/2024/08
AGENDA	**The Senate is kindly requested to consider and approve the case of Shambhavi Singh (Roll No. 231320021) & Ghulam Mustafa (Roll No. 231320011) for restoration of their studies in the course of B Tech Civil Engineering**
RESOLUTION OF SENATE	Approved
ACTION TAKEN	**This agenda item has been implemented**

SUPPLEMENTARY AGENDA'S	
ITEM NO.09	Senate/17/2024/09-S
AGENDA	**To consider and approve the proposal to engage Dr. Sunil Kumar as Adjunct Faculty in the Department of Civil Engineering, NIT Delhi.**
RESOLUTION OF SENATE	The item has been withdrawn.
ACTION TAKEN	*No action required*

ITEM NO.10	Senate/17/2024/10-S
AGENDA	**To consider and approve the recommendations related to proposed rules for research activities of DST INSPIRE faculty.**
RESOLUTION OF SENATE	The recommendations were approved with the following suggestion: • To replace Caretaker by Administrative Supervisor
ACTION TAKEN	**This agenda item has been implemented**

ITEM NO.11	Senate/17/2024/11-S
AGENDA	**To consider and approve the revision in fellowship of Institute Post Doctoral Fellow (I-PDF) as per DST**
RESOLUTION OF SENATE	It was decided that: The fellowship for Institute Post Doctoral Fellows (I-PDF) shall be revised to ₹80,000 plus HRA, aligning it with the DST norms. Furthermore, it has been decided that the fellowship will be periodically updated in accordance with revisions by the Government of India from time to time.
ACTION TAKEN	**This agenda item has been implemented**

NEW AGENDA ITEMS

ITEM NO. 03:
Senate/18/2025/03
To consider and approve the recommendations related to the B.Tech Programs.

ITEM NO: Senate/18/2025/3.1	To consider and approve the scheme of minor degree programme in Quantum Technologies for B.Tech students. The minor degree programme will be run by the Department of Applied Sciences & Humanities.
	The Senate was informed about the Minor Degree Programme in Quantum Technologies for B.Tech students, which is initiated by the Dept. of Applied Sciences Humanities & Management. The 18-credit scheme of the Minor degree programme was also presented to the Senate for consideration and approval.
RESOLUTION: Senate/18/2025/3.1	After the detailed discussion the Senate resolved that:- 1. The minor degree in Quantum Technologies for B.Tech student may be jointly initiated by the Dept. Applied Sciences Humanities and Management and/or ECE. 2. The course scheme and syllabus may also be revised accordingly keeping in view, the pre-requisite courses. 3. The revised proposal shall be placed in the next Senate Meeting.

ITEM NO: Senate/18/2025/3.2	To consider and approve the syllabus for the courses of the fourth semester scheme of B.Tech in Artificial Intelligence and Data Science Programme.
	The syllabus for the courses of the fourth semester of the B.Tech program in AI & DS of the CSE Department, as approved by the DBoS, was presented before the Senate for consideration and approval.

Fourth Semester					
Subject Code	**Subject Name**	**L**	**T**	**P**	**C**
ADBB 206	Data Science	3	0	2	4
ADBB 207	Data Warehousing and Mining	3	0	2	4
ADBB 208	Big Data Management	2	0	2	3
ADBB 209	Machine Learning	3	0	2	4
ADLB 210	Theory of Computation	3	0	0	3
ADPB 200	Project II	0	0	4	2
	Total	**14**	**0**	**12**	**20**

RESOLUTION: Senate/18/2025/3.2	The Senate after deliberation, **approved** the proposed syllabus of the fourth semester.

ITEM NO: Senate/18/2025/3.3	To consider and report the changes / corrections of course codes for B.Tech (Artificial Intelligence and Data Science) Scheme.

The Senate was informed about the changes/correction of course codes in B.Tech (Artificial Intelligence and Data Science) Scheme as follows:-

Semester	Existing		Proposed	
1st Year (Semester– I)	Course Name	Quantum Physics	Course Name	Quantum Physics
	Course Code	PHBB 112	Course Code	PHLB 112
	LTPC	3104	LTPC	3104
	Course Name	Theory and Practices of Human Ethics	Course Name	Theory and Practices of Human Ethics
	Course Code	HMBB 102	Course Code	HMLB 102
	LTPC	1001	LTPC	1001
2nd Year (Semester– IV)	Course Name	Theory of Computation	Course Name	Theory of Computation
	Course Code	ADBB 210	Course Code	ADLB 210
	LTPC	3003	LTPC	3003

RESOLUTION: Senate/18/2025/3.3	The Senate after deliberation, **approved** the changes / corrections of course codes for B.Tech (AI&DS) Scheme.

ITEM NO: Senate/18/2025/3.4	To consider and approve the syllabus for the courses of the sixth semester scheme of B.Tech in Computer Science and Engineering Programme.

The syllabus for the sixth semester courses of B.Tech in Computer Science and Engineering program as approved by the Department Board of Study (DBoS) was presented before the Senate.

Core Course					
Sub Code	Subject Name	L	T	P	C
CSBB 351	Compiler Design	3	0	2	4
CSBB 352	Theory of App Development	2	0	2	3

Elective Courses [Specialization in Artificial Intelligence and Machine Learning]										
Sub Code	Subject Name	L	T	P	C	Sub Code	Subject Name	L	T	P	C
CSBB 314	Computer Vision	3	0	2	4	CSLB 315	Optimization Techniques	3	1	0	4
CSBB 316	Information Storage & Retrieval	3	0	2	4	CSBB 317	Soft Computing	3	0	2	4
CSBB	Reinforcement Learning and	3	0	2	4	CSBB 409	Social Network Analysis	3	0	2	4

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	408	Applications										
	CSBB 412	Motion Analytics	3	0	2	4	CSBB 415	Motion Planning for Robotics	3	0	2	4
	CSBB 424	Deep Learning and Applications	3	0	2	4						

RESOLUTION: Senate/18/2025/3.4	The Senate after deliberation, **approved** the syllabus of the sixth semester scheme of B.Tech in CSE Programme as proposed.

ITEM NO: Senate/18/2025/3.5	To consider and approve the proposal for minor revisions in the course curriculums (not in the scheme) and to submit the revised curriculum/ syllabus of few courses for the B.Tech degree programme in the ECE Department effective from AY 2023-24 onwards and AY 2024-25 onwards in accordance with the National Education Policy 2020 by the Govt of India.
	The Senate was informed about the proposal for minor revisions in the course curriculum and the revised syllabus of few courses for the B.Tech degree programme in the ECE Department effective from AY 2023-24 onwards as well as AY 2024-25 onwards.
RESOLUTION: Senate/18/2025/3.5	The Senate after deliberation, **approved** the proposal.

ITEM NO: Senate/18/2025/3.6	To consider and approve the proposal for revision of the course scheme and syllabus for the B.Tech VLSI Design and Technology degree programme (from 2nd to 8th semesters only) initiated in the ECE Department from the AY 2024-25 onwards already in accordance with the National Education Policy 2020 by the Govt of India.
	The course curriculum and syllabus for the B.Tech in VLSI Design and Technology degree programme (initiated from AY 2024-25 onwards already) from 2nd to 8th semester was presented before the Senate after the approval from DBoS.
RESOLUTION: Senate/18/2025/3.6	The Senate after deliberation, **approved** the revised course scheme and syllabus as proposed.

ITEM NO: Senate/18/2025/3.7	To consider and approve the updation of the course codes of the two courses of B.Tech 2nd year in the Department of Electrical Engineering.
	The Senate was informed about the updation in the course codes of the following two courses of B.Tech 2nd year in the Dept. of Electrical Engineering.

Existing Course Code	Proposed Course Code	Remarks (regarding Proposed Course Code)
EELB 254	EEBB 254	Course has both theory and lab components so code should be EEBB.
EEPB 256	HMPB 256	The contents of the course come under Humanities.

RESOLUTION: Senate/18/2025/3.7	The Senate after deliberation, **approved** the revised course codes as proposed for B.Tech 2nd year in EE Dept.

ITEM NO: Senate/18/2025/3.8	To consider and approve the subject code and syllabus of the elective courses of B.Tech in Mechanical Engineering from Spring Semester 2025.

The proposed subject code and syllabus of the elective courses of B.Tech in Mechanical Engineering from Spring Semester 2025 was presented before the Senate. The Senate has thoroughly reviewed and discussed the proposed subject code and syllabus of the following track:
1. Manufacturing
2. Design
3. Thermal

Track	Program Elective-1		Program Elective-2		Program Elective-3	
Manufacturing	MELB 381	Quality Management Systems & Accreditations	MELB 421	Mathematical Modeling of Manufacturing Processes	MELB 436	Mechanical Behavior & Testing of Materials
	MELB 382	Smart Materials & Structures	MELB 422	Mechanics of Composite Materials	MELB 437	Computer Integrated Manufacturing
	MELB 383	Product Design & Development	MELB 423	Flexible Manufacturing Systems	MELB 438	Digital Manufacturing
	MELB 384	Micro and Nano Manufacturing	MELB 424	Theory of Metal Cutting	MELB 439	Design and Analysis of Management Information Systems
	MELB 385	Lean Manufacturing				
Design	MELB 386	Fracture Mechanics	MELB 425	Dynamics of Mechanical Systems	MELB 440	Engineering Tribology

		MELB 387	MEMS Devices – Design and Fabrication	MELB 426	Advanced FEM	MELB 441	Human Factors in Engineering and Design
		MELB 388	Vibration and Noise	MELB 427	Theory of Elasticity	MELB 442	Bio-mechanics
	Thermal	MELB 389	Power Plant Engineering	MELB 428	Hybrid and Electrical Vehicles	MELB 443	Alternate Fuels for IC Engines
		MELB 390	Applied Thermodynamics	MELB 429	Solar Thermal Processes	MELB 444	Vehicular Pollution
		MELB 391	Non-Conventional Energy Resources	MELB 430	Computational Fluid Dynamics	MELB 445	Combustion Generated Pollution & Control
		MELB 392	Heat Exchanger Technology	MELB 431	Cryogenics	MELB 446	Conduction/Convective Heat Transfer
		MELB 393	Automobile Engineering				

RESOLUTION: Senate/18/2025/3.8	The Senate after deliberation, **approved** the subject code and syllabus of the elective courses of B.Tech in Mechanical Engineering from Spring Semester 2025.

ITEM NO. 04:
Senate/18/2025/04
To consider and approve the recommendations related to the M.Tech Programs.

ITEM NO: Senate/18/2025/4.1	**Proposal to start Master of Computer Application (MCA) Programme in the Department of Computer Science and Engineering.**
	The Senate discussed the proposal to start a new programme named Master of Computer Application (MCA) in the department of Computer Science and Engineering with an intake of 10 seats and 15 seats under M.CA. Self-Financed quota from AY 2025-26
RESOLUTION: Senate/18/2025/4.1	After detailed deliberation, the Senate **approved** the proposal in principle to start the MCA program with an intake of 10 seats through NIMCET and 15 seats through the M.CA SFS program. It was suggested that the concerned department design the scheme and curriculum, which, after due deliberations in the DBoS, shall be presented as an agenda item in the next Senate meeting.

ITEM NO: Senate/18/2025/4.2	To consider and report the changes / corrections of course codes for M.Tech {CSE and CSE (Analytics)} Scheme.

The Senate was informed about the changes/corrections of course codes for M.Tech {CSE and CSE (Analytics)} Scheme as follows:-

Year, Semester	Existing		Proposed	
2nd Year (Semester- III)	Course Name	MOOC Course I	Course Name	MOOC Course I
	Course Code	CSEM XXX/ CSAM XXX	Course Code	CSLM XXX
	LTPC	3003	LTPC	3003
2nd Year (Semester- IV)	Course Name	MOOC Course II	Course Name	MOOC Course II
	Course Code	CSEM XXX/ CSAM XXX	Course Code	CSLM XXX
	LTPC	3003	LTPC	3003

RESOLUTION: Senate/18/2025/4.2	After deliberation, the Senate **approved** the proposed course codes for the M.Tech programs {CSE and CSE (Analytics)} with the following suggestion: The proposed course names should be assigned as MOOC-I and MOOC-II.

ITEM NO: Senate/18/2025/4.3	To consider and approve the proposal for minor modifications in the curriculums (not in the scheme) of few courses in the existing M.Tech ECE and M.Tech ECE (VLSI) programmes which are already effective from AY 2024-25 onwards in accordance with the National Education Policy 2020 by the Govt. of India.
	The Senate was informed about the minor modifications in the curriculum of few courses in the existing M.Tech ECE and M.Tech ECE (VLSI) programmes which were already effective from AY 2024-25 onwards. The Senate discussed about the changes in detail.
RESOLUTION: Senate/18/2025/4.3	The Senate after deliberation, **approved** the proposed minor modifications in the curriculum.

ITEM NO: Senate/18/2025/4.4	To consider and approved the syllabus of EELM 568 (Energy Storage Devices) in both Power Electronics and Drives (PED) and Power and Energy Systems (PES).
	The syllabus of EELM 568: Energy Storage Devices, in Power Electronics and Drives (PED) and Power and Energy Systems (PES) of the M.Tech programme in the Department of Electrical Engineering was placed before the Senate for the detailed review and consideration.
RESOLUTION: Senate/18/2025/4.4	The Senate after deliberation, **approved** the proposed syllabus of EELM 568 (Energy Storage Devices)

ITEM NO: Senate/18/2025/4.5	To Consider the withdrawal of M.Tech (Industrial Chemistry) from AY- 2025-26.
	It was discussed by the Senate that the M.Tech programme in Industrial Chemistry was approved in the academic year 2024-25. However, it was also noted that there has been no admission in the programme during the last academic year 2024-25. Furthermore, based on the recommendation of the Department of Applied Sciences Humanities and Management, the Senate discussed and agreed to withdraw this programme from the academic year 2025-26 onwards.
RESOLUTION: Senate/18/2025/4.5	The Senate after deliberation, **approved** the proposal to withdraw M.Tech (Industrial Chemistry) Programme from AY-2025-26.

ITEM NO: Senate/18/2025/4.6	To consider and approve the criterion for evaluation for MOOC courses in M.Tech programme.
	The Senate was kindly requested to consider and approve the evaluation criteria for MOOC courses in the M.Tech program for students who will submit a course completion certificate and will be exempted from the institute examination.
	Course Evaluation Mapping as per NIT Delhi Examination Components:-

1.	Mid Term Marks	(NPTEL Exam Marks/75) * 25 [Out of 25 Marks]
2.	Continuous Evaluation	NPTEL Assignment Marks [Out of 25 Marks]
3.	End Term Marks	(NPTEL Exam Marks/75) * 50 [Out of 50 Marks]

	Note: - In case, if a student is not able to score 40% marks in both aforementioned NPTEL Examination Components (individually), F grade will be assigned.
RESOLUTION: Senate/18/2025/4.6	The Senate after deliberation, **approved** the proposal for evaluation for MOOC in M.Tech Programme.

ITEM NO: Senate/18/2025/4.7	Proposal to start Online Executive M.Tech program in Data Science and AI in collaboration with TeamLease Edtech. Limited in the department of CSE & Additive Manufacturing by the Department of Mechanical & Aerospace Engineering.
RESOLUTION: Senate/18/2025/4.7	The Senate was informed about the proposal to start the Online Executive M.Tech program in Data Science and AI in collaboration with TeamLease Edtech. After a detailed discussion, the Senate suggested that further deliberation is required on the program and to formulate the SoP. The Senate suggested to constitute a committee comprising the following members and the matter shall be placed in the upcoming Senate meeting as a new agenda. 1. Prof. Akshay Dvivedi, IIT Roorkee 2. Prof. Harish Chaudhary, IIT Delhi 3. Prof. Jyoteesh Malhotra, NIT Delhi 4. Dr. Rikmantra Basu, NIT Delhi

ITEM NO. 05: Senate/18/2025/05	To consider and approve the recommendations related to the PhD and Post Doctorate Programs.

ITEM NO: Senate/18/2025/5.1	To consider the institute fellowship for the JRF / Project Fellow registered as a PhD student at NIT Delhi for the remaining tenure after the completion of the Project.
	The Senate was informed that Junior Research Fellows (JRFs) working on sponsored projects at NIT Delhi can also enrolled as PhD students. These fellows receive their regular fellowship through government-sponsored projects funded by organizations such as SERB, DST, DRDO, and MoE. The project JRFs who transit to PhD students after meeting all necessary institute rules and regulations, gets no funding as most government-funded projects have a maximum tenure of 2–3 years. So, it was proposed that the institute fellowships be granted to PhD students (JRF/SRF) in this category for the remainder of their tenure, up to 5 years from the date of registration. The matter was thoroughly examined and discussed by the Senate and suggested to incorporate the few suggestions.
RESOLUTION: Senate/18/2025/5.1	After detailed deliberation, the Senate **approved** the proposal in principle, with the following suggestions to be incorporated: 1. The student must be GATE qualified at the time of entry into the JRF Project Fellow position. 2. The student must complete a minimum of two years as a JRF Project Fellow, during which the fellowship shall be funded solely by the project. 3. Upon conversion to the PhD program, the institute shall provide a fellowship for a maximum period of three years, subject to the student fulfilling all necessary requirements as per the prevailing Institute rules.

ITEM NO: Senate/18/2025/5.2	To consider and approve the proposal for course codes for the project course work assigned to the PhD students enrolled under executive programme at the ECE Department of NIT Delhi.

The Senate was informed about the proposal regarding the course codes (as follows) for the project work for the PhD executive Programmes running at NIT Delhi where the candidates having more than 15 years of work experience are exempted to carry out the course work, and they are required to enrol only in the Project work and seminar courses during their course work period.

Autumn Semester (August – December):

S.No.	Course Code	Course Name	Purpose	Remarks	Credits Assigned
1.	ECP 800	Project-I	Project Course	Newly Proposed	06
2.	ECP 700	Seminar-I	Seminar Course	Already Existing	01

Spring Semester (January - May):

S.No.	Course Code	Course Name	Purpose	Remarks	Credits Assigned

	1.	ECP 850	Project- II	Project Course	Newly Proposed	06	
	2.	ECP 750	Seminar-II	Seminar Course	Already Existing	01	

RESOLUTION: Senate/18/2025/5.2	The Senate, after detailed deliberation, **approved** and suggested that it will remain consistent across all the departments with the course codes as below:

Autumn Semester (August – December):

S.No.	Course Code	Course Name	Purpose	Remarks	Credits Assigned
1.	XXP 800	Project-I	Project Course	Newly Proposed	06

Spring Semester (January - May):

S.No.	Course Code	Course Name	Purpose	Remarks	Credits Assigned
1.	XXP 850	Project- II	Project Course	Newly Proposed	06

ITEM NO. 06: **To consider and approve the recommendation regarding the Academic Section.**
Senate/18/2025/06

ITEM NO: Senate/18/2025/6.1	To consider and approve the fees for the Minor Degree Programme.
	The matter regarding the fees for the Minor Degree programme was discussed with the Senate. It was noted that, previously, there was no fees for the Minor Degree programme, which is running in the Departments of Computer Science and Engineering and Electronics and Communication Engineering respectively since the academic year 2022-23. It was then proposed and discussed in the Senate that a fee of Rs. 1,500/- (Rupees One Thousand Five Hundred Only) per credit to be fixed and make effective from the academic year 2025-26 onwards. This fee will be applicable to students enrolling in the Minor Degree programme from the academic year 2025-26. To successfully complete the Minor Degree Programme, a minimum of 18 credits are required. Accordingly, the total fees for the Minor Degree Programme will be amounting to Rs. 27,000/- (Rupees Twenty-Seven Thousand Only). The fees will be collected on a semester basis at the time of registration for each semester.
RESOLUTION: Senate/18/2025/6.1	The Senate, after detailed deliberation, **approved** the proposal to charge a fee of Rs. 1,500/- per credit, with a total fee of Rs. 27,000/- for the completion of the Minor Degree Programme and shall be effective from the academic year 2025-26 onwards.

ITEM NO: Senate/18/2025/6.2	To consider and approve the eligibility criteria, seat matrix and fee structure for admission in B.Tech, M.Tech, and Ph.D under 'Study in India' program commencing from the academic year 2025-26.
	The proposal to start a new program, "Study in India," in the following programme, commencing from the academic year 2025-26, was presented to the Senate: - 1. B.Tech 2. M.Tech

3. Ph.D

Dean Academic briefed in detail about the "Study in India" program including the proposed Seat Matrices, Eligibility Criteria and Fee Structure: -

The proposed total intake is as under:-

Programme	Intake
B.Tech	18
M.Tech	5
P.hD	8

The proposed eligibility criteria for B.Tech and M.Tech are as follows:-

Name of the Course	Minimum Qualification Required and Scrutiny Process and Merit Criterion
B.Tech (4 Years, Bachelor of Technology)	(i) Passed Senior Secondary (10+2) 12th with 75% marks in aggregate or above or equivalent CGPA. OR Passed Senior Secondary (10+2) 12th with minimum 60% marks in aggregate or equivalent CGPA with valid JEE Mains Score / SAT Score (with minimum 50 percentile). AND (ii) Applicant should have completed Mathematics, Physics, and one of the subjects from (Chemistry, Bio-Technology, Computer Science, Biology) in 11th and / or 12th, as applicable in respective boards). **Proficiency in English Language:** The candidate must have studied English as a language subject at 10th and 12th (10+2) level. OR The candidate must have qualified IELTS examination with 6.0 Band or above or an equivalent PTE Score. OR The candidate must have qualified GRE / TOEFL examination with a valid score. **Application Scrutiny Process and Preparation of Merit List:** Applications received through Study in India Portal for admission of foreign nationals shall be scrutinised at regular intervals (as per suitability and number of applications or as per the Study in India portal requirement) Merit shall be prepared on the basis of the following order: (a) (i) Initially the applications with JEE Mains Rank will be considered for admission on the basis of JEE Main Merit. (ii) If still some vacancies are left after (i) the candidates will be confirmed on the basis of SAT score merit.

		(iii) Thereafter the candidates on the basis of percentage secured in class 12th examination will be considered in order of merit of 12th score.
		(b) In case of tie, the candidate who is older in age, shall be placed in rang above the younger one.
		The status of the eligible candidates will be updated accordingly on the Study in India Portal.
	M.Tech (2 Years, Master of Technology)	Candidate must have passed 8achelot's Degree in relevant branch of 4 years Engineering / Science with 60 % or 6.5 CGPA (on a 10 point scale) or equivalent CGPA. **Proficiency in English Language:-** The medium of instruction at the UG level should be in English language. OR The candidate must have qualified IELTS examination with 6.0 Band or above or an equivalent PTE score. OR The candidate must haye qualified GRE / TOEFL examination with a valid score.
		Merit shall be prepared on the basis of the following criteria: The merit list shall be prepared on the basis of the order of percentage scored In the Bachelor's degree. In case of tie, the candidate who is older in age, shall be placed in rank above the younger one.
RESOLUTION: Senate/18/2025/6.2	The Senate, after detailed deliberation, **approved** the initiation of "Study in India" in NIT Delhi. The proposed eligibility criteria, seat matrix, and fee structure were also **approved**. The Senate recommended the incorporation of the following points in the proposal: 1. No fellowship or stipend shall be provided for Ph.D and M.Tech students admitted under the "Study in India" programme. 2. It is resolved that admission to the Ph.D program shall be considered as per the Institute rules/norms.	

ITEM NO: Senate/18/2025/6.3	To consider and approve the Seat Matrix for B.Tech (JoSAA/CSAB), M.Tech (CCMT) and M.Tech (SFS) for the Academic Year 2025-26.
	Dean Academic presented the Seat Matrices for B.Tech (JoSAA/CSAB) and M.Tech (CCMT & SFS) for the academic year 2025-26 before the Senate, with the following intake details:

Sl No.	Programme	Seats Offered
1	B.Tech	374
2	M.Tech (CCMT)	100*
3	M.Tech (SFS)	125**

Note: *In M.Tech (CCMT):-
10 nos. seats may be allotted to MCA Programme through NIMCET. (NIMCET)
CAD/CAM seats may be decreased from 09 seats to 05 seats.
06 Seats of Industrial Chemistry may be withdrawn.
** In M.Tech (SFS):-

	15 Seats offered in CSE, CSA, ECE, ECE (VLSI) and MCA. 10 Seats may be offered in CIE, PED, PES, CAD/CAM and MC.
RESOLUTION: Senate/18/2025/6.3	The Senate after detailed deliberation **approved** the seat matrices for B.Tech (JoSAA/CSAB) and M.Tech (CCMT & SFS) for the Academic Year 2025-26.

ITEM NO: Senate/18/2025/6.4	**To nominate two members for BoG as per the Section 11(f) of NIT Act 2007 which states "one professor and one assistant professor or lecturer of the Institute to be nominated by the Senate".**
	The Senate discussed that, in accordance with Section 11(f) of the NIT Act 2007, which states "one professor and one assistant professor or lecturer of the Institute shall be nominated by the Senate", it was noted that the current nominated members, Prof. Geeta Sikka and Dr. Vinay Shankar Pandey, whose term of two years is set to conclude on 21.03.2025.
RESOLUTION: Senate/18/2025/6.4	The Senate after deliberation, nominated the following two members to the Board of Governors (BoG) under Section 11(f) of the NIT Act, 2007, for a tenure of two years, effective from 22.03.2025: 1. Prof. Manoj Kumar, ECE Dept. NIT Delhi 2. Dr. Manisha Bharti, ECE Dept. NIT Delhi

ITEM NO: Senate/18/2025/6.5	**To consider the nomination of three external expert members for the Senate of NIT Delhi as per cluse 14 (d) of NIT Act 2007.**
	It was discussed that as per clause 14(d) of NIT Act, 2007, **the Senate of every Institute shall consist of three persons, one of whom shall be a woman, not being employees of the Institute, to be nominated by the Chairperson in consultation with the Director, from amongst educationists of repute, one each from the field of science, engineering and humanities.** Accordingly, the Board of Governors in its 29th meeting vide Agenda item No.BOG/29/2022/9.7, nominate following external expert members for Senate, NIT Delhi for a period of 03 years w.e.f. 03.06.2022:- 1. Prof. Akshay Dvivedi, Professor, Department of Mechanical Engineering, IIT Roorkee 2. Prof. Surekha Dangwal, Professor, Vice Chancellor of Doon University, Dehradun, Uttarakhand 3. Prof. Suresh Jain, Professor, Transportation Research and Injury Prevention Centre, IIT Delhi 4. Prof. Vinod Kumar Garg, Professor, Department of Environmental Science and Technology, School of Environment Science and Earth Sciences, Central University of Punjab. **The nomination of the aforesaid external members will be ended on 03.06.2025.** With the approval of the Chairperson, BOG, the competent authority has nominated the following external members for the Senate of NIT Delhi for a period of 03 years w.e.f. 04.06.2025:- 1. Prof. Rakesh Sehgal, Former Director, NIT Srinagar, Professor NIT Hamirpur 2. Prof. R.K. Sinha, Vice Chancellor, Gautam Buddha University, Greater Noida, Uttar Pradesh 3. Prof. Arvinder Kaur, Dean, University School of Automation & Robotics, Guru Gobind Singh Indraprastha University, Delhi.
RESOLUTION: Senate/18/2025/6.5	The Senate after deliberation, **approved** the nomination of three Senate external members for a period of 3 years w.e.f 04.06.2025.

REPORTING AGENDA ITEMS

ITEM NO. 07:
Senate/18/2025/07

The Senate is kindly requested to consider and report the following agenda items.

ITEM NO: Senate/18/2025/7.1	To report the conferment of Degree to B.Tech and M.Tech students graduated in the year 2024.
	Dean Academic presented the list of B.Tech and M.Tech students graduated in the year 2024 for the conferment of degree in the 4th Convocation of the Institute held on 09.11.2024.
RESOLUTION: Senate/18/2025/7.1	The Senate **Noted & Approved** the list of the students for the conferment of degree.

ITEM NO: Senate/18/2025/7.2	To report the conferment of Medals to B.Tech and M.Tech students graduated in the year 2024.
	Dean Academic presented the list of B.Tech and M.Tech students graduated in the year 2024 for the conferment of Medals in the 4th Convocation of the Institute held on 09.11.2024.
RESOLUTION: Senate/18/2025/7.2	The Senate **Noted & Approved** the list of the students for the conferment of Medals.

ITEM NO: Senate/18/2025/7.3	The Senate is kindly requested to note the Academic Calendar of Spring Semester 2025.
	Dean Academic presented the Academic Calendar of Spring Semester 2025, which was recommended by the Deans, Head of the Departments (HoDs) and subsequently approved by the Competent Authority.
RESOLUTION: Senate/18/2025/7.3	The Senate **Noted & Approved** the Academic Calendar of Spring Semester 2025.

ITEM NO: Senate/18/2025/7.4	The Senate is kindly requested to consider and note the modification in the minimum and maximum credit in a semester for B.Tech Programme w.e.f. 01.07.2024 for the 2022 batch onwards the B.Tech and M.Tech Programme.
	The Senate was informed about the modification in the minimum and maximum credit in a semester for B.Tech Programme w.e.f 01.07.2024 for the 2022 batch onwards the B.Tech and M.Tech Programme. It was also noted that the New Education Policy was implemented from 2022 batch onwards which allows students to exit with certificate, diploma or advanced diploma on completion of first, second or third year of B.Tech degree program and with PG Diploma on completion of first year of M.Tech program. Further, the credit requirement for B.Tech degree was set to 160 and for M.Tech. program it is set as 80 with 20 credits in each semester. The minor degree concept is also introduced allowing students to register additional 6 credits courses in a semester. In order to achieve above policy, modification in the minimum and maximum credit in a semester for B.Tech Programme was proposed:-

Credits to be registered	Existing Credits	Proposed Credits
Minimum Credits	15	19

	Maximum Credits	30 (Inclusive backlog subject registered in study mode as well as examination mode)	40 (Inclusive backlog subject registered in study mode as well as examination mode)
RESOLUTION: Senate/18/2025/7.4	The Senate **Noted & Approved** the modification in the minimum and maximum credit.		

ITEM NO: Senate/18/2025/7.5	To consider and note the revised "Admission WITHDRAWAL and REFUND – Policy & Procedure" for B.Tech (JoSAA/ CSAB/DASA) and M.Tech (CCMT) students w.e.f. 01.07.2024 for the 2022 batch onwards for B.Tech and M.Tech Programme.
	Dean Academic presented the revised/updated "Admission WITHDRAWAL and REFUND – Policy & Procedure" for the B.Tech and M.Tech (CCMT) students before the Senate for consideration and approval:- **Existing:-** 1. If a student withdraws from the Institute before the Registration/Reporting at Admitted Institute/ [According to JOSAA/CSAB/CCMT/DASA time schedule available in respective website], fee paid shall be refunded after deducting a processing fee of Rs. 1,000/-. 2. If a student withdraws from Institute after the Registration/Reporting at Admitted Institute [According to CCMT/ DASA time schedule available in respective website], he/she needs to submit a withdrawal request through a completely filled-in application form as prescribed by the Institute (i.e. Annexure I) along with the 'No-Dues' form (available at Institute's website), verified from all the concerned Office/Dept./Section. Only after the approval of the same, the following deposits may be refunded after deduction of dues, if any: a) Institute Caution Money b) Hostel Security and Mess Security (if applicable). **Proposed:-** 1. For such candidates who seek to withdraw their admission from the originally enrolled program expressly, while various round(s) of admissions are still in progress, implying that the seat can still be filled in the subsequent round of allotments by CSAB / CCMT / Central allotment Agency - the withdrawal shall be allowed together with the refund being processed at the rates specified by the Central Agency co-ordinating the admission offer. In case no such guideline exist, then withdrawal from the enrolled program shall be permitted with a flat deduction of Rs 5000/- as processing fee and balance would be refunded to the candidate, within one month of the receipt of the expressed request seeking withdrawal of admission and refund of fees. Refund shall be made to the same bank account from where the fees / dues / charges were initially paid. 2. For those candidates who seek to withdraw their admission at such point of time when no further allotment on that seat could be solicited through the

	designated Central Agency, the seat is liable to remain vacant permanently. In such cases, withdrawal from the enrolled program shall be permitted with only Hostel and mess Charges being refunded along with other one-time refundable fees as prescribed in the fee structure. In case the candidate had stayed in the hostel and availed the facility of mess for one or more days, his/her hostel and mess fee would be deducted for the whole month in which month s/he availed such facility and the balance refunded to the candidate, within one month of the receipt of the expressed request seeking withdrawal of admission and refund of fees. Refund shall be made to the same bank account from where the fees / dues / charges were initially paid.
RESOLUTION: Senate/18/2025/7.5	The Senate **Noted & Approved** the updated WITHDRAWAL and REFUND – Policy & Procedure.

ITEM NO: Senate/18/2025/7.6	To consider and note the Promotion Rules for B.Tech Programme w.e.f. 01.07.2024 for the 2022 batch onwards for B.Tech and M.Tech Programme.
	Dean Academic presented the updated promotion rules for the B.Tech and M.Tech Programme before the Senate for consideration and approval:- There are many instances where student due to certain reasons (including medical) fails in one or two subjects in previous year, however, has completed all other courses successfully. Such students will have the advantage of completing the degree within 4 years of study. There are no restrictions for promotion from odd semester to even semester, however restrictions are imposed for promotion from even to odd semester. These restrictions are as follows:

Existing:-	**Proposed:-**
9.1 From I Year to II Year: To be able to register in the third Semester, a student should have completed, with D or better grade, at least 22 credits at the end of first year (in first and second semesters and make up examinations put together).	9.1 From I Year to II Year: To be able to register in the third Semester, a student should have completed, with D or better grade, at least 22 credits at the end of first year (in first and second semesters and make up examinations put together).
9.2 From II Year to III Year: For promotion to Third year, a student should have (i) Cleared all the Course Work requirements of First Year and (ii) passed, with D or better Grade, at least 22 credits at the end of second year (third Semester, fourth semester and make up examinations put together).	9.2 From II Year to III Year: For promotion to Third year, a student should have passed, with D or better Grade, at least 62 credits at the end of second year (first semester to fourth semester and make up examinations put together).

	9.3 From III Year to IV Year: For promotion to Fourth year, a student should have (i) Cleared all the Course Work requirements of first year, second year and (ii) passed, with D or better Grade, at least 22 credits at the end of third year (fifth semester, sixth semester and make up examinations put together).	9.3 From III Year to IV Year: For promotion to Fourth year, a student should have passed, with D or better Grade, at least 102 credits at the end of third year (first semester to sixth semester and make up examinations put together).
RESOLUTION: Senate/18/2025/7.6	The Senate **Noted & Approved** the updated promotion rules.	

ITEM NO: Senate/18/2025/7.7	**To consider and note the revision of Signatories in Original and Provisional Degree and Merit Certificate w.e.f. 01.07.2024 for the 2022 batch onwards B.Tech and M.Tech Programme.**
	Dean Academic presented the revision of Signatories in Original and Provisional Degree and Merit Certificate before the Senate for consideration and approval:-

Program	Existing	Proposed
B.Tech Program Provision Degree, Marks Sheet, Transcript	Front Page: Signatory from left to right:- 1. Dean Academic 2. Associate Dean Academic 3. Controller of Examination	Front Page: Signatory from left to right:- 1. Dean Academic 2. Associate Dean Academic 3. Controller of Examination
M.Tech Program Provision Degree, Marks Sheet, Transcript	Front Page: Signatory from left to right:- 1. Dean Research and Consultancy 2. Controller of Examination	Front Page: Signatory from left to right:- 1. Dean Academic 2. Associate Dean Academic 3. Controller of Examination
PhD Program Provision Degree, Marks Sheet, Transcript	Front Page Signatory Dean Research and Consultancy	Front Page Signatory Dean Research and Consultancy
B.Tech, M.Tech & PhD Program Degree, Merit Certificate	Front Page: Signatory from left to right:- 1. Registrar 2. Director cum Chairman Senate 3. Chairperson, Board of Governors	Front Page: Signatory from left to right:- 1. Registrar 2. Director cum Chairman Senate 3. Chairperson, Board of Governors

	B.Tech Program Original Certificate, Original Diploma, Original Advanced Diploma	NIL	Front Page: Signatory from left to right:- 1. Registrar 2. Director cum Chairman Senate 3. Chairperson, Board of Governors
	M.Tech Program Original PG Diploma	NIL	Front Page: Signatory from left to right:- 1. Registrar 2. Director cum Chairman Senate 3. Chairperson, Board of Governors
RESOLUTION: Senate/18/2025/7.7	The Senate **Noted & Approved** the updated signatories in Original and Provisional Degree and Merit Certificate w.e.f. 01.07.2024 for the 2022 batch onwards for B.Tech and M.Tech Programme.		

ITEM NO: Senate/18/2025/7.8	**To consider and note the list of the students withdrawn from B.Tech (JoSAA/CSAB/DASA) and M.Tech (CCMT) on or after 1ˢᵗ July 2024.**
	Dean Academic presented the list of withdrawn students from B.Tech (JoSAA/CSAB/DASA) and M.Tech (CCMT) respectively on or after 1ˢᵗ July 2024, to the Senate for consideration and approval.
RESOLUTION: Senate/18/2025/7.8	The Senate **Noted & Approved** the list of withdrawn students.

SUPPLEMENTARY AGENDA'S

ITEM NO: Senate/18/2025/8-S	To consider and approve the formats of Transcript and Degree for the B.Tech Minor Degree programme implemented under the National Education Policy 2020 (NEP 2020).
	Dean Academic presented the formats of Transcript and Degree for the B.Tech Minor Degree programme implemented under NEP 2020 to the Senate. The Senate thoroughly reviewed and discussed the formats.
RESOLUTION: Senate/18/2025/8-S	The Senate, after detailed deliberation, **approved** the formats as proposed along with the following suggestions which have to be incorporated:- 1. Remove the term "Major" before the word degree. 2. Replace the term "Minor" with "Minor Degree". Also, it was suggested that the revised formats of the Minor Degree and Transcript after incorporating all necessary changes will be submitted to the Chairman Senate, for final approval.

ITEM NO: Senate/18/2025/9-S	To Consider and Approve the Recommendations related to rectification in Rules and Regulation of PhD programme. (Considering the research interested/area of the PhD student, Post-Doctoral Fellows (PDF) may be permitted to act as co-supervisors, along with a regular faculty member only, subject to the fulfilment of laid requirements for co-supervisor as per norms.)
	The Senate was informed that depending upon the nature of the research problem, other supervisor(s) may be allowed in addition to the main supervisor. In such a case, a maximum of two other supervisor(s) may be approved by the Chairman Senate. The Co-Supervisor (in-service or retired) can or from a centrally funded institution/ university/ research laboratory of Government of India/ Public Sector undertakings/ state funded university/ institution of repute or of collaborative organization/ Industries/ Institutes (Indian/Foreign). Depending upon the research area, highly eminent professors/scientists (retired) working in private organizations may also be considered as co-supervisors. The following amendments to the current PhD ordinance concerning the roles of Co-Supervisor are proposed for inclusion was placed before the Senate for consideration and approval: Considering the research interested/area of the PhD student, Post-Doctoral Fellows (PDF) may be permitted to act as co-supervisors, along with a regular faculty member only, subject to the fulfillment of laid requirements for co-supervisor as per norms.
RESOLUTION: Senate/18/2025/9-S	The Senate, after detailed deliberation, **approved** the proposal.

The meeting ended with vote of thanks to the Chair.

Dean Academic   7/3/25

Registrar

Director