
Indian Institute of Technology Jodhpur



अभिषद Senate

44^{वीं} बैठक के कार्यवृत्त

Minutes of 44th Meeting

held on

27 March 2026 (8:00 am to 8:00 pm)

through online e-Senate web portal

and

28 March 2026 at 11:30 am

in physical mode at Senate Room, Chanakya Complex, Admin

Wing

(West), IIT Jodhpur

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Indian Institute of Technology Jodhpur



Minutes of 44th Meeting

Senate

27th March 2026 (e-Senate Portal) and
28th March 2026 at 11:30 AM in physical mode at
Senate Room, Chanakya Complex, Admin Wing (West),
IIT Jodhpur

The following members participated in e-Senate meeting held on 27th March 2026 and/or Senate meeting held in physical mode on 28th March 2026:

1.	Prof. Avinash Kumar Agarwal Director, IIT Jodhpur	Chairman
2.	Prof. Bhabani Kumar Satapathy Deputy Director, IIT Jodhpur	Members
3.	Prof. Munmun Jha Department of Humanities and Social Sciences IIT Kanpur	
4.	Prof. Vinod Kumar Singh Department of Chemistry IIT Kanpur	
5.	Dr. Goverdhan Dutt Puri Executive Director, AIIMS Jodhpur	
6.	Prof. Meenu Chhabra Acting Dean of Faculty Affairs (DOFA)	
7.	Prof. Ankita Sharma Dean of Student Affairs (DOSA)	
8.	Prof. Shree Prakash Tiwari Dean of Administration (DOAD)	
9.	Prof. Sunil Kumar Khijwania Dean of Research and Development (DORD)	
10.	Prof. Atul Kumar Dean of Academic Affairs (DOAA)	
11.	Prof. Kaushal A. Desai Dean of Resources & Alumni (DORA)	
12.	Prof. Deepak Swami Dean of Infrastructure Planning (DOIP)	

13.	Dr. Aashish Mathur Dean of Digital Infrastructure & Automation (DDIA)
14.	Prof. Sandeep Kumar Yadav, Department of EE
15.	Prof. Mayank Vatsa, Department of CS&E
16.	Prof. Mitali Mukerji, Department of BSBE
17.	Prof. Ajay Agarwal, Department of EE
18.	Prof. Mahesh Kumar, Department of EE
19.	Prof. Gaurav Bhatnagar, Department of Mathematics
20.	Prof. Manikandan Paranjothy, Department of Chemistry
21.	Prof. Ananya Debnath, Department of Chemistry
22.	Prof. Samanwita Pal, Department of Chemistry
23.	Prof. Deepakkumar M. Fulwani, Department of EE
24.	Prof. B. Ravindra, Department of ME
25.	Prof. Anand Krishnan Plappally, Department of ME
26.	Prof. Prodyut Ranjan Chakraborty, Department of ME
27.	Prof. Rahul Chhibber, Department of ME
28.	Prof. Suril Shah, Department of ME
29.	Prof. Sushmita Jha, Department of BSBE
30.	Prof. Ram Prakash, Department of Physics
31.	Prof. Ambesh Dixit, Department of Physics
32.	Prof. Hari Narayanan V, SoLA
33.	Prof. Dipanjan Roy, SAIDE
34.	Prof. Puneet Sharma, Department of Mathematics
35.	Prof. Kirankumar R. Hiremath, Department of Mathematics

36.	Prof. Satyajit Sahu, Department of Physics	
37.	Prof. Bharat Singh Rajpurohit Head, Department of EE	
38.	Dr. Mrityunjay Rudrappa Doddamani Head, Department of ME	
39.	Prof. Gaurav Harit Head, Department of CS&E	
40.	Dr. Neha Jain Acting Head, Department of BSBE	
41.	Prof. Parag Arvind Deshpande Head, Department of Chem. Engg.	
42.	Prof. Anil Kumar Tiwari Head, SAIDE	
43.	Dr. Reetanjali Moharana Head, Department of Physics	
44.	Dr. V.V. M.S. Chandramouli Head, Department of Mathematics	
45.	Dr. Sandip Murarka Head, Department of Chemistry	
46.	Dr. Deepak Saxena Head, SME	
47.	Dr. Alok Ranjan Head, SoLA	
48.	Dr. Sajan Sahadevan Pillai Head, School of Design	
49.	Dr. Vikky Anand Department of Chem. Engg.	
50.	Dr. Rohan Diliprao Erande Department of Chemistry	
51.	Dr. Saran Aadhar Department of C&IE	
52.	Dr. Angshuman Paul Department of CS&E	
53.	Dr. Dilpreet Kaur Department of Mathematics	
54.	Dr. Arun Kumar R. Department of ME	

55.	Dr. Jaiveer Singh Department of Materials Engg.	
56.	Dr. Santosh Mogurampelly Department of Physics	
57.	Dr. Ramesh Metre IDRD	
58.	Dr. Anuj Pal Kapoor SME	
59.	Dr. Bhivraj Suthar SAIDE	
60.	Dr. Farhat Naz, SoLA	
61.	Chairman, Senate Under Graduate Committee (SUGC)	Permanent Invitees
62.	Chairman, Senate Post Graduate Committee (SPGC)	
63.	Chairman, Senate Online Education Committee (SOEC)	
64.	Prof. S. R. Vadera, Advisor to the Director	Special Invitees
65.	Dr. Babu Ranjan Thakur, Asst. Prof., ME	
66.	Dr. Ambuj Kumar Gautam, Asst. Prof., ME	
67.	Dr. Vignesh Muralidharan, Asst. Prof. ME	
68.	Dr. Manoj Gupta, Asst. Prof. ME	
69.	Dr. Debasmita Dwibedi, Asst. Prof., Dept. of Physics	
70.	Dr. Gagan Vikram Kewalramani, Asst. Prof., ME	
71.	Dr. Devi Prasad Dash, Associate Prof., SME	
72.	Dr. Rajlaxmi Chouhan, ADHA	
73.	Dr. Pranay Ranjan, ADSA	
74.	Dr. Prabhat Jaiswal, Department of Physics	
75.	Dr. Ravi Prakash Srivastava, Associate Head, MT	
76.	Dr. Vikramsingh R. Thakur, Asst. Prof., MT	
77.	General Secretary, ACAC	

78.	General Secretary, Student Senate	Student Representatives
79.	Dr. Ankur Gupta, <i>Offg.</i> Registrar	Secretary to the Senate

The following members could not participate in the Meeting

1.	Prof. Manoj K. Tiwari, Director, Indian Institute of Management, Mumbai
2.	Prof. Krishna P. Kaliappan, Department of Chemistry, IIT Bombay
3.	Prof. Surajit Ghosh, Department of BB
4.	Prof. Subhashish Banerjee, Department of Physics
5.	Prof. Ravi K R, Department of Materials Engg.
6.	Dr. Saakshi Dhanekar, Department of EE
7.	Prof. Richa Singh, Department of CS&E
8.	Prof. Rakesh Kumar Sharma, Department of Chemistry
9.	Dr. Deepika Bhattu Head, Department of Civil & Infrastructure Engineering
10.	Dr. Gaurav Vinod Vaidya, Asst. Prof., School of Design
11.	Prof. Amit Mishra, Department of BSBE

The following were the outcomes of the Senate Meeting:

S. No.	Items
44.1	Welcome by the Chairman, Senate
	<p>The Chairman welcomed all members to the 44th meeting of the Senate and extended a special acknowledgment to the external members for their continued engagement and valuable contributions to the e-Senate proceedings. He also welcomed the newly inducted members; Prof. Dipanjan Roy, Prof. Puneet Sharma, Prof. Satyajit Sahu, Prof. Deepak Swami, and Prof. Kirankumar Hiremath and expressed confidence in their active participation in strengthening the Institute's academic processes. The Chairman placed on record his appreciation for the valuable contributions of the outgoing members, Prof. Neeraj Jain.</p> <p>The Chairman noted that the present meeting marks an important milestone in the academic journey of IIT Jodhpur, as it includes major revisions to all undergraduate programs, along with proposals for the establishment of five new Departments and the introduction of five new undergraduate and nine new postgraduate programs. He informed the Senate that these proposals have been developed within the framework approved earlier by the Senate, following extensive deliberations at multiple levels, including consultations with National Advisory Committees and industry experts, and are being placed before the Senate for consideration and approval.</p>

	<p>He further apprised the members that, based on inputs received during the e-Senate process, rulings have been issued on the agenda items reflecting the collective consensus of the Senate. The approved framework for academic units and programs ensured comprehensive discussion, careful deliberation, and incorporation of constructive feedback prior to finalization.</p> <p>The Chairman highlighted the Institute’s planned academic expansion through the phased introduction of new Departments and programs. Further mentioned that the adoption of the e-Senate mechanism represents a progressive reform aligned with best practices across the IIT system. He also referred to the proposal for introducing a Joint B.Tech.–M.Tech. Dual Degree Program with North-Eastern NITs under the Northeast–West Technology Education Corridor (NEWTEC), describing it as a pioneering collaborative academic initiative. He also expressed that the inclusion of international participants in executive education programs is expected to enhance the Institute’s global outreach and showcase its academic rigor and teaching-learning processes.</p> <p>The Senate took note of the updates and expressed its appreciation for the academic progress made by the Institute.</p>												
44.1.1	Confirmation of Minutes of the 43rd Meeting of the Senate held on 27-28 October 2025												
	The Senate confirmed the Minutes of the 43 rd Senate Meeting, as circulated.												
44.1.2	Report on Action Taken on decisions of the 43rd Meeting of the Senate held on 27-28 October 2025												
	<p>The Senate noted the Action Taken Report (ATR) on the decisions of the 43rd Meeting of the Senate held on 27-28 October 2025 and noted that the following matters are under process:</p> <table border="1" data-bbox="379 1167 1445 1843"> <thead> <tr> <th data-bbox="379 1167 499 1223"><i>Item</i></th> <th data-bbox="499 1167 970 1223"><i>Discussion Item</i></th> <th data-bbox="970 1167 1445 1223"><i>Action Taken</i></th> </tr> </thead> <tbody> <tr> <td data-bbox="379 1223 499 1429">43.2.3</td> <td data-bbox="499 1223 970 1429">Proposal for a new M.Tech. program in Artificial Intelligence with Specialization in Vision and Language</td> <td data-bbox="970 1223 1445 1429">Revised proposal as part of discussion items</td> </tr> <tr> <td data-bbox="379 1429 499 1635">43.2.4</td> <td data-bbox="499 1429 970 1635">Proposal for a new M.Tech. program in Microwave and Photonics from the Department of Electrical Engineering</td> <td data-bbox="970 1429 1445 1635">Revised proposal as part of discussion items</td> </tr> <tr> <td data-bbox="379 1635 499 1843">43.2.5</td> <td data-bbox="499 1635 970 1843">Proposal for a new M.Tech. program in Power Engineering from the Department of Electrical Engineering</td> <td data-bbox="970 1635 1445 1843">Revised proposal as part of discussion items</td> </tr> </tbody> </table>	<i>Item</i>	<i>Discussion Item</i>	<i>Action Taken</i>	43.2.3	Proposal for a new M.Tech. program in Artificial Intelligence with Specialization in Vision and Language	Revised proposal as part of discussion items	43.2.4	Proposal for a new M.Tech. program in Microwave and Photonics from the Department of Electrical Engineering	Revised proposal as part of discussion items	43.2.5	Proposal for a new M.Tech. program in Power Engineering from the Department of Electrical Engineering	Revised proposal as part of discussion items
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44.2	Discussion Items												
Proposal to establish new Academic Units													
44.2.1	Proposal to establish a new Department of Aerospace Engineering												
	Dr. Gagan Vikram Kewalramani presented the proposal. It was noted that the proposal to establish a new Department of Aerospace Engineering at												

	<p>IIT Jodhpur was shared/deliberated with the National Advisory Committee (NAC) and deliberated in the Senate Undergraduate Committee (SUGC).</p> <p>The Senate considered the proposal for establishing a new Department of Aerospace Engineering and observed that the discipline is inherently multidisciplinary, encompassing areas such as aerodynamics, avionics, satellite technology, navigation, materials science, and emerging domains including drone technology and space applications. The proposed Department is envisaged to align with national priorities and global technological trends through interdisciplinary teaching and research, and by fostering collaborations with government agencies, industry, and academia.</p> <p>The Senate further noted that the Department will offer B.Tech. and Ph.D. programs in Aerospace Engineering, with plans to expand to additional postgraduate programs, executive education programs, minors, and a non-campus B.S. program in due course.</p> <p>The Senate deliberated on aspects including faculty strength, academic structure, and research focus areas. After due consideration, the Senate approved the establishment of the Department with an intake of 50 seats in the B.Tech. program and 20 seats in the Ph.D. program (10 under MoE and 10 under other categories) for the Academic Year 2026-27. The detailed Concept Note is attached as Annexure-I.</p> <p>Based on the deliberations and incorporating the suggestions of the members, the Senate recommended the proposal for the establishment of the Department of Aerospace Engineering to the Board of Governors for approval.</p> <p>Action: Dr. Gagan Kewalramani and Head, Department of Mechanical Engineering</p>
44.2.2	<p>Proposal to establish a new Department of Electronics Engineering</p>
	<p>Dr. Manoj Gupta from the Department of Electrical Engineering presented the proposal. It was noted that the proposal to establish a new Department of Electronics Engineering at IIT Jodhpur was shared/deliberated with the National Advisory Committee (NAC) and deliberated in the Senate Undergraduate Committee (SUGC).</p> <p>The Senate considered the proposal for the establishment of a new Department of Electronics Engineering and noted the rapid advancements in electronics, semiconductor technologies, and next-generation communication systems. The proposal emphasizes the need to develop strong indigenous capabilities aligned with national initiatives such as the India Semiconductor Mission, Digital India, National Quantum Mission, and Bharat 6G Vision.</p> <p>The Senate observed that the proposed Department will offer B.Tech., M.Tech., and Ph.D. programmes with specializations aligned to emerging technological areas, and will focus on high-quality education, cutting-edge research, and innovation in domains such as Micro/Nanoelectronics and VLSI, Communication and Networks (including 5G/6G technologies), RF and Photonics, and Intelligent and Embedded Computing. The Department is envisaged to be further developed in a phased manner with progressive expansion of faculty strength, laboratories, and research infrastructure. The Senate further noted the emphasis of the proposed Department on fostering strong industry-academia partnerships with leading industries</p>

	<p>and R&D organizations to support sponsored research, technology development, and translational outcomes. In the long term, the Department is envisaged to anchor Centres of Excellence in strategic areas such as semiconductor design, 6G communication, quantum technologies, photonics, and embedded systems. The detailed Concept Note is attached as Annexure-II.</p> <p>The Senate also noted that the Interdisciplinary Research Platform (IDRP) on AIoT, currently under Interdisciplinary Research Division (IDRD), will be subsumed in the Department of Electronics.</p> <p>After due deliberation, the Senate recommended the proposal for the establishment of the Department of Electronics Engineering to the Board of Governors for approval.</p> <p style="text-align: center;">Action: Dr. Manoj Gupta and Head, Department of EE</p>
44.2.3	<p>Proposal to establish a new Department of Energy and Automotive Engineering</p>
	<p>Dr. Shobhana Singh from the Department of Mechanical Engineering presented the proposal. It was noted that the proposal to establish a new Department of Energy and Automotive Engineering at IIT Jodhpur was shared/deliberated with the National Advisory Committee (NAC) and deliberated in the Senate Undergraduate Committee (SUGC).</p> <p>The Senate considered the proposal for the establishment of a new Department of Energy and Automotive Engineering and noted the ongoing global transition in energy and mobility systems driven by climate change concerns, energy security requirements, and the shift toward sustainable transportation. The proposal of the Department emphasizes alignment with national priorities, including India’s commitment to achieving Net-Zero emissions by 2070, expansion of renewable energy capacity, and accelerated electrification of mobility.</p> <p>The Senate observed that the proposed Department will focus on integrated teaching and research in areas such as renewable and conventional energy systems, nuclear energy technologies, advanced combustion, hybrid and electric mobility, alternative fuels, energy storage, and AI-driven optimization of energy and transportation systems. The Department is envisaged to promote multidisciplinary research and foster collaboration with industry and government, contributing to national initiatives such as the National Green Hydrogen Mission, FAME, and Make in India. The Senate further noted that the Department will be further developed in a phased manner with appropriate expansion of faculty strength, laboratories, and research infrastructure. The detailed Concept Note is attached as Annexure-III.</p> <p>The Senate advised an intake of 10 seats in the Ph.D. programme (05 under MoE and 05 under other categories) for the Academic Year 2026-27.</p> <p>After due deliberations, The Senate recommended the establishment of the Department of Energy and Automotive Engineering to the Board of Governors for approval.</p> <p style="text-align: center;">Action: Dr. Shobhana Singh, and Head, Department of Mechanical Engineering</p>

44.2.4	Proposal to establish a new Department of Economics
	<p>Dr. Devi Prasad Dash from the School of Management and Entrepreneurship (SME) presented the proposal. It was noted that the proposal to establish a new Department of Economics at IIT Jodhpur was shared/deliberated with the National Advisory Committee (NAC) and deliberated in the Senate Undergraduate Committee (SUGC).</p> <p>The Senate considered the proposal for the establishment of a Department of Economics and noted its focus on strengthening interdisciplinary teaching and research aligned with national development priorities, with integration of economics with engineering, data science, and technological innovation. The Senate noted that the Department will enhance the interdisciplinary ecosystem of IIT Jodhpur to foster strong collaborations across engineering, sciences, and humanities, and will aim to build a robust academic and research environment in emerging and high-impact areas such as digital economy, computational economics, energy transitions, financial systems, and development studies. It will also actively engage with government agencies, industry stakeholders, and international academic institutions to enhance research impact, facilitate knowledge exchange, and attract extramural funding.</p> <p>The Senate advised that technology should remain central to the Department’s vision and future academic programmes, in alignment with the mandate of an Indian Institute of Technology. It further recommended inclusion of thematic areas such as agriculture and infrastructure economics, along with domains including desert economic zone utilization and technology–economy linkages with port-based development.</p> <p>The Senate recommended an initial Ph.D. intake of 10 seats (05 under MoE and 05 under other categories) for the Academic Year 2026-27. With regard to eligibility criteria for admission to the Ph.D. programme, the Senate recommended:</p> <ol style="list-style-type: none"> 1. Removal of B.A., B.Sc., and B.Com. as eligible qualifications; 2. Inclusion of M.Sc. (Economics) and MBA candidates with at least 24 credits of relevant coursework; and 3. Inclusion of B.Tech., B.E., and four-year B.S. degree holders with at least 24 credits of relevant coursework. <p>The detailed Concept Note is attached as Annexure-IV.</p> <p>After deliberations, the Senate recommended the establishment of the Department of Economics to the Board of Governors for approval. The Chairman, Senate, is authorized to approve the revised concept note upon incorporation of the above suggestions.</p> <p style="text-align: right;">Action: Dr. Akanksha Choudhary and Head, SoLA</p>

44.2.5	<p>Proposal to establish a new Department of Environmental and Sustainability Engineering</p>
	<p>Prof. Meenu Chhabra, Head, Centre for Emerging Technologies in Sustainable Development (CETSD), presented the proposal. It was noted that the proposal to establish a new Department of Environmental and Sustainability Engineering at IIT Jodhpur was shared/deliberated with the National Advisory Committee (NAC) and deliberated in the Senate Undergraduate Committee (SUGC).</p> <p>The Senate considered the proposal for the establishment of a new Department of Environmental and Sustainability Engineering and noted the increasing importance of sustainability as a national and global priority, including India’s commitments toward achieving net-zero emissions by 2070 and reducing emission intensity of GDP by 45% by 2030. The proposal emphasizes addressing the growing demand for skilled professionals in areas such as climate change, water resources, sustainable energy, waste management, and green technologies, while leveraging the Institute’s geographical setting and existing strengths in sustainability-related initiatives.</p> <p>The Senate observed that the proposed Department will adopt an interdisciplinary approach integrating engineering, socio-ecological systems, and indigenous knowledge frameworks, with academic and research focus on climate adaptation, sustainable resource management, circular economy, environmental monitoring, and green technologies. Further, the senate noted that the Centre for Emerging Technologies for Sustainable Development will be subsumed in the proposed Department of Environmental and Sustainability Engineering. The detailed Concept Note is attached as Annexure-V.</p> <p>The Senate recommended an initial Ph.D. intake of 10 seats (05 under MoE and 05 under other categories) for the Academic Year 2026-27, Semester 1.</p> <p>The Senate further recommended the establishment of the Department of Environmental and Sustainability Engineering to the Board of Governors for approval.</p> <p style="text-align: right;">Action: Head, CETSD</p>
44.2.6	<p>Proposal to revise the UG Curriculum from AY 2026-27 Semester I</p> <p>(a) B.Tech. Curriculum (b) B.S. Curriculum</p>
	<p>The Chairperson, Senate Undergraduate Committee (SUGC), presented the proposal for revision of the B.Tech. and B.S. curricula to be implemented from Semester I of Academic Year 2026–27.</p> <p>The Senate considered the proposal and noted that the revision aims to strengthen the Institute’s academic portfolio through alignment with emerging technological developments, industry requirements, and contemporary pedagogical practices. The revised framework emphasizes interdisciplinary integration, academic flexibility, outcome-based education, and enhanced experiential and industry-linked learning.</p>

	<p>The Senate further noted that the revision process was undertaken through duly constituted Curriculum Review Committees at the Institute and Department levels, incorporating inputs from faculty, students, the National Advisory Committee (NAC), and other stakeholders, and was subsequently recommended by the SUGC. The curriculum structure for B.Tech. and B.S. programmes are identical, except for the nomenclature of the project component. It was also noted that the overall credit requirements have been rationalized in line with prevailing practices across IITs.</p> <p>During deliberations, the Senate appreciated the structured approach adopted for curriculum revision and made the following recommendations:</p> <ol style="list-style-type: none"> 1. Departments should ensure strong disciplinary foundations by offering fundamental courses in the second year and advanced courses in the third year. 2. Core coursework should be completed within the first three years, enabling flexibility in the fourth year for electives, interdisciplinary learning, or specialized academic pursuits. 3. Students shall undertake compulsory industry internships for two summer terms, each of a minimum duration of 45 days. 4. The term "non-taught" may be removed from essential audit courses. 5. Opportunities for integrated academic pathways, including B.Tech.–Ph.D. programmes, may be explored. Meritorious students may be permitted to transition to Direct Ph.D. programmes without GATE qualification or interview, subject to defined academic criteria. In all such cases, the fellowship will start only after completion of the B.Tech. program. 6. All Departments offering B.Tech./B.S. programmes shall submit the revised curriculum in the prescribed template. 7. Detailed programme structures will be presented in a subsequent Senate meeting. <p>The Chairman, Senate, placed on record appreciation for the Undergraduate Review Committee (UGRC) and the Chairpersons of the Senate sub-committees for completing the comprehensive review of UG, PG, and Ph.D. curricula during Academic Year 2025–26. The detailed curriculum is attached as Annexure-VI.</p> <p>After deliberations, the Senate approved the revised curriculum framework subject to incorporation of the above suggestions. The Chairman, Senate, is authorized to approve the revised proposal upon incorporation of these recommendations.</p> <p style="text-align: right;">Action: All Departments offering UG Programs, Chairperson (SUGC)</p>
<p>44.2.7</p>	<p>Proposal to Revise the Curriculum of M.Sc. Program from AY 2026-27, Semester I</p>
	<p>The Chairperson, Senate Undergraduate Committee (SUGC), presented the proposal for revision of the M.Sc. curriculum to be implemented from Semester I of Academic Year 2026–27.</p> <p>The Senate considered the proposal and noted that the revision aims to</p>

	<p>align the programmes with emerging scientific developments, research priorities, and evolving academic and industry expectations, while enhancing interdisciplinary learning, research orientation, and academic flexibility. The revised structure proposes a streamlined credit requirement of 72–74 credits, comprising Program Core, Program Electives, Open Electives, a non-graded Industry–Academia Summer Internship, and a thesis/dissertation evaluated on a satisfactory/unsatisfactory basis.</p> <p>The Senate further noted that the proposal had been deliberated upon in NAC and SUGC, and that revised curriculum structures for Computational Social Science and Digital Humanities are under development and will be presented separately. The detailed curriculum is attached as Annexure-VII.</p> <p>After deliberations, the Senate approved the proposal for revision of the M.Sc. curriculum with effect from Academic Year 2026–27.</p> <p style="text-align: center;">Action: Heads, Chemistry, Physics, Mathematics and SoLA</p>
<p>44.2.8</p>	<p>Proposal to introduce a new B.Tech. program in Aerospace Engineering</p>
	<p>Dr. Gagan Kewalramani from the Department of Mechanical Engineering presented the proposal. It was noted that the proposal was deliberated/shared with the National Advisory Committee (NAC) and deliberated upon in the Educational Policy Committee (EPC) and the Senate Undergraduate Committee (SUGC).</p> <p>The Senate considered the proposal to introduce a new B.Tech. program in Aerospace Engineering and noted that it aims to address the growing demand for skilled professionals in the aerospace sector. The programme will cover core areas such as aerodynamics, propulsion, structures, materials, avionics, and guidance, navigation, and control, along with emerging domains including space systems, autonomous aerial platforms, satellite technologies, and sustainable aviation. The curriculum adopts a matrix-based approach integrating foundational knowledge with application-oriented domains to ensure strong theoretical grounding, hands-on training, and interdisciplinary exposure.</p> <p>During deliberations, the Senate made the following recommendations:</p> <p>The number of electives in the elective bouquet should be limited to a maximum of 20; 400-level electives should be included for B.Tech. students; and One- and two-credit courses should be removed from the curriculum structure.</p> <p>After deliberations, the Senate approved the proposal to introduce the B.Tech. program in Aerospace Engineering with an intake of 50 students from Academic Year 2026–27 Semester I onwards. The Chairman, Senate, is authorized to approve the revised proposal upon incorporation of the above suggestions and submission of the concept note in the prescribed template.</p> <p style="text-align: right;">Action: Dr. Gagan Kewalramani</p>

44.2.9	Proposal to introduce a new B.S. program in Mathematics and Computing
	<p>Prof. Gaurav Bhatnagar presented the proposal to introduce a new B.S. program in Mathematics and Computing. It was further informed that the proposal was discussed in the NAC and subsequently, in the Educational Policy Committee (EPC) and the SUGC.</p> <p>The Senate considered the proposal for introduction of a new B.S. program in Mathematics and Computing. The programme aims to address the growing national and global demand for graduates possessing strong mathematical foundations along with advanced computational skills, integrating core areas such as analysis, algebra, probability, combinatorics, and optimization with computing domains including algorithms, data structures, machine learning, and database systems. The Senate noted that the programme is designed to develop expertise in mathematical modelling, algorithm design, data analysis, optimization, and scalable computational systems, and that it is distinct from existing B.Tech. programmes by emphasizing mathematical rigor as the foundation for computational applications.</p> <p>After deliberations, the Senate approved the proposal for introduction of the B.S. in Mathematics and Computing with an intake of 40 seats for the Academic Year 2026-27. The Senate also suggested submitting the detailed course document in the next Senate meeting.</p> <p style="text-align: right;">Action: Head, Department of Mathematics</p>
44.2.10	Proposal to introduce a new B.S. program in Engineering Chemistry
	<p>Dr. Subrata Chakraborty, from department Chemistry presented the proposal. It was informed that the proposal was discussed in the NAC and subsequently deliberated in the Educational Policy Committee (EPC) and SUGC.</p> <p>The Senate considered the proposal from the Department of Chemistry to introduce a four-year Bachelor of Science (B.S.) program in Engineering Chemistry. The program aims to bridge the traditional divide between basic sciences and engineering through interdisciplinary integration, fostering innovation and aligning with the National Education Policy and the Institute's vision of holistic education. It is designed to provide a strong foundation in fundamental sciences and engineering principles, followed by advanced training in core and emerging areas of chemistry, with emphasis on analytical, experimental, and computational skills. The curriculum also includes flexible course options, interdisciplinary exposure, industry-academia internships, and opportunities for in-depth research experience in the final year.</p> <p>While approving the proposal, the Senate made the following observations and recommendations:</p> <ol style="list-style-type: none"> 1. M.Sc. level courses may be introduced from the third year onwards only; 2. A detailed course curriculum, along with the list of courses, should be brought to the next Senate for approval; and 3. The names of the courses should be distinct and should not duplicate course titles offered by other departments. 4. The Senate suggested that a new elective course in water chemistry and other courses with relevance to medical and drug applications may be added.

	<p>5. It was further recommended that select 400-level courses be introduced from the third year onwards to strengthen advanced learning.</p> <p>After deliberations, the Senate approved the proposal to introduce the B.S. program in Engineering Chemistry with an intake of 30 seats from the Academic Year 2026-27, 1st Semester.</p> <p style="text-align: right;">Action: Head, Department of Chemistry</p>
44.2.11	<p>Proposal to introduce a new B.S. program in Engineering Physics</p> <p>Dr. Durgamadhab Mishra, from the Department of Physics, presented the proposal. It was informed that the proposal had been discussed in the NAC and subsequently deliberated in the Educational Policy Committee (EPC) and the Senate Undergraduate Curriculum Committee (SUGC).</p> <p>The Senate considered the proposal to introduce a four-year Bachelor of Science (B.S.) program in Engineering Physics. It was noted that the proposed program aims to bridge fundamental physics with modern engineering applications by integrating classical and quantum physics with electronics, optics, semiconductor device engineering, artificial intelligence and machine learning, and computational methods. The program emphasizes laboratory work, project-based learning, and interdisciplinary exposure to prepare graduates for careers in research, high-technology industries, national laboratories, entrepreneurship, and emerging technology domains such as quantum technologies, photonics, plasma systems, and sustainable energy.</p> <p>After detailed deliberations, the Senate approved the introduction of the B.S. program in Engineering Physics with an intake of 30 seats, to be offered from Semester I of the Academic Year 2026–27 onwards. While approving the proposal, the Senate made the following observations and recommendations:</p> <ol style="list-style-type: none"> 1. M.Sc. level courses may be introduced from the third year onwards only; 2. The list of electives should also be submitted with the revised concept note; 3. A detailed course curriculum, along with the list of courses, should be brought to the next Senate for approval; and 4. The names of the courses should be distinct and should not duplicate course titles offered by other departments. 5. It was further recommended that select 400-level courses be introduced from the third year onwards to strengthen advanced learning. <p>With the above recommendations, the Senate approved the proposal to introduce the B.S. program in Engineering Physics from AY 2026–27, Semester I onwards with an intake of 30 seats. The Chairman Senate is authorized to approve the revised proposal after incorporating the suggestions. The detailed course structures and finalized lists of electives shall be placed before the Senate in the next meeting.</p> <p style="text-align: right;">Action: Head, Department of Physics</p>

44.2.12	Proposal to introduce a new executive B.S. program in Management and Technology
	<p>The Senate considered the proposal to introduce a four-year Executive B.S. in Management and Technology (Online and Blended Mode). The proposal highlighted the growing need for professionals capable of integrating technological knowledge with managerial and social perspectives to address complex, interdisciplinary challenges. The proposed program is structured around three core pillars, namely social sciences, technology, and business management, and includes foundation courses, core courses, advanced functional specializations, skill-based modules, internships, and a capstone project. The blended delivery model, comprising asynchronous recorded lectures supplemented by synchronous interactive sessions and tutorial support, was noted as enhancing accessibility while maintaining academic rigor. The proposal had been deliberated earlier in the NAC and subsequently in the Educational Policy Committee (EPC).</p> <p>During deliberations, the Senate discussed the structure of Open Electives, Program Electives, and the need to freeze a streamlined list with shorter course names. It was suggested to convert open electives into program electives for the ease of establishing the program structure. The Senate also suggested that eligibility may preferably include students who have qualified JEE Main. It was further noted that detailed course structures and finalized elective lists would be placed before the Senate in a subsequent meeting.</p> <p>The Senate approved the proposal to introduce the Executive B.S. in Management and Technology (Online and Blended Mode), subject to incorporation of the suggestions made during the meeting, including freezing of Open Electives/Program Electives with shorter course names and consideration of eligibility preference for candidates who have qualified JEE Main. The detailed course structures and finalized lists of electives shall be placed before the Senate in the next meeting.</p> <p style="text-align: center;">Action: Head, School of Management and Entrepreneurship</p>
44.2.13	Proposal to introduce two new M.Tech. programs in Mechanical Engineering, namely (a) M.Tech. in Advanced Manufacturing Engineering (b) M.Tech. in Design Engineering
	<p>Dr. Rajit Ranjan presented the proposal. It was informed that the proposal had been discussed in the NAC, EPC, and SPGC, and the recommendations of SPGC were placed before the Senate.</p> <p>The Senate considered the proposal for the introduction of two new M.Tech. programs in the Department of Mechanical Engineering, namely (a) M.Tech. in Advanced Manufacturing Engineering and (b) M.Tech. in Engineering Design. The proposal highlighted that manufacturing and design engineering are critical pillars for India's industrial growth, technological advancement, and self-reliance. With the rapid evolution of Industry 4.0, smart manufacturing, advanced materials, and high-performance engineering systems, there is an increasing demand for postgraduate engineers equipped with strong fundamentals, computational capabilities, and research skills.</p> <p>The proposed M.Tech. in Advanced Manufacturing Engineering aims to develop expertise in modern manufacturing processes, materials processing, additive manufacturing, precision engineering, and quality assurance. The program aligns with national initiatives such as Make in</p>

	<p>India and Atmanirbhar Bharat and is expected to cater to strategic sectors including aerospace, defence, energy, and electronics manufacturing. The proposed M.Tech. in Engineering Design focuses on advanced mechanics and engineering design, addressing the growing demand for specialists in structural analysis, computational modelling, and optimized product and system design, thereby bridging the gap between theoretical mechanics and practical engineering applications. Collectively, the programs are expected to strengthen academic excellence, enhance research output, and deepen industry engagement at the Institute.</p> <p>The Senate approved the proposal for the introduction of two new M.Tech. programs in Mechanical Engineering, namely (a) M.Tech. in Advanced Manufacturing Engineering and (b) M.Tech. in Engineering Design, from the Academic Year 2026-27, Semester 1, subject to the following:</p> <ol style="list-style-type: none"> 1. The intake for each M.Tech. program will be 15 students, comprising 8 MoE seats and 7 in other categories; 2. M.Tech. in Design Engineering should be renamed as M.Tech. in Engineering Design; 3. The curriculum document shall be updated as per the Power Point Presentation; 4. A course on Quality Assurance may be added to the list of electives; and 5. Relevant components on AI, ML, and Big Data applications in solid mechanics and design shall be incorporated appropriately. <p>The Chairman Senate is authorized to approve the revised proposal after incorporating the suggestions.</p> <p style="text-align: center;">Action: Head, Mechanical Engineering</p>
<p>44.2.14</p>	<p>Proposal to introduce two new M.Tech. programs in Materials Engineering, namely</p> <ol style="list-style-type: none"> 1. M.Tech. in Composite Materials Technology 2. M.Tech. in Battery Materials and Technology
	<p>Dr. Vikramsingh Thakur & Dr. Debasmita Dwibedi presented the proposal for the introduction of two new M.Tech. programs in Materials Engineering, namely:</p> <ol style="list-style-type: none"> (a) M.Tech. in Composite Materials Technology (CMT) (b) M.Tech. in Battery Materials and Technology (BMT) <p>The Senate noted that the proposal had been discussed in NAC, EPC, and SPGC.</p> <p>Further The Senate appreciated the introduction of both unique programs and observed that the M.Tech. in Composite Materials Technology is the first of its kind in India offering a comprehensive and in-depth curriculum on composite materials. It was also suggested that the Battery Materials and Technology program should explicitly include supercapacitors as part of the curriculum.</p> <p>The senate also noted that the proposal highlighted the growing global demand for advanced materials and energy storage technologies driven by electrification, renewable energy, and sustainable industrial practices. The Senate noted that composite materials are essential for lightweight, high-performance applications in aerospace, automotive, defence, infrastructure, and renewable energy sectors, while battery technologies are critical for electric mobility, grid-scale storage, and portable systems. The proposal also emphasized national priorities under initiatives such as</p>

	<p>Make in India, Atmanirbhar Bharat, and the Advanced Chemistry Cell (ACC) program, and the need to develop skilled human resources in these interdisciplinary domains.</p> <p>After detailed deliberations, the Senate approved the proposal with the following recommendations:</p> <ol style="list-style-type: none"> 1. Three core courses should be incorporated in the first semester; 2. The intake for each M.Tech. program will be 15 students, comprising 8 MoE seats and 7 in other categories. 3. M.Tech. thesis courses should be designated at the 700-level and updated accordingly. 4. In the CMT curriculum, elective courses should be updated as follows: <ul style="list-style-type: none"> ○ Elective 3: Sustainable Composites ○ Elective 8: Machining and Tribology of Composites ○ "AI/ML and Big Data for Composites" should be revised to "Machine Learning for Composites". 5. The inclusion of supercapacitors should be incorporated in the BMT curriculum. 6. For MoE seats, admission will follow COAP criteria. For other seats, selection will be through an interview. <p>The Senate approved the proposal to start both the M.Tech. programs from the Academic Year 2026-27, Semester 1, subject to incorporation of the above suggestions. The Chairman Senate is authorized to approve the revised proposal after incorporating the suggestions.</p> <p style="text-align: right;">Action: Head, Materials Engineering</p>
<p>44.2.15</p>	<p>Proposal to introduce a new M.Tech. program in Environmental and Sustainability Engineering</p>
	<p>Dr. Meenu Chhabra presented the proposal. It was informed that the Senate noted that the proposal had been discussed in the NAC, EPC, and SPGC.</p> <p>The Senate considered the proposal for introduction of an M.Tech. programme in <i>Environmental and Sustainability Engineering</i>. The proposal highlighted sustainability as a critical national and global priority in view of challenges such as climate change, environmental degradation, resource depletion, and pollution. It also emphasized India's commitment toward net-zero emissions by 2070 and reduction in emission intensity, and the need for skilled professionals in sustainability-related domains. The proposed programme aims to develop interdisciplinary expertise in areas including circular economy, energy transition, environmental remediation, and sustainable rural-urban systems, with strong emphasis on engineering solutions, field exposure, and research.</p> <p>After deliberations, the Senate approved the proposal with the following recommendations:</p> <ol style="list-style-type: none"> 1. The scope of the department should emphasize resilience to adverse impacts beyond sustainability alone; 2. The core courses need to be renamed; 3. A summer thesis component and NG courses should be incorporated in the curriculum; 4. Eligibility criteria should focus on a limited number of relevant branches to ensure programme effectiveness;

	<p>5. The classical dimensions of sustainability, environment, economy, and society, may be reflected through appropriate elective courses.</p> <p>6. As the programme is under an engineering department, the curriculum should remain engineering-dominant.</p> <p>7. The concept note may be revised incorporating the above suggestions in the updated common template.</p> <p>After considering the above comments, the Senate approved the programme with an intake of 15 seats for M.Tech. (8 under MoE and 7 under other categories) from the Academic Year 2026-27, Semester 1.</p> <p>The Chairman Senate is authorized to approve the revised proposal after incorporating the suggestions.</p> <p style="text-align: right;">Action: Head, CETSD</p>
<p>44.2.16</p>	<p>Proposal to introduce two new M.Tech. programs in the Department of Energy and Automotive Engineering, namely</p> <ul style="list-style-type: none"> • M.Tech. in Energy Engineering from Academic year 2026-27 Semester I • M.Tech. in Automotive Engineering from Academic year 2027-28 Semester I
	<p>The Senate considered the proposal to introduce two new interdisciplinary postgraduate programs in the Department of Energy and Automotive Engineering: M.Tech. in Energy Engineering from Academic Year 2026–27 (Semester I) and M.Tech. in Automotive Engineering from Academic Year 2027–28 (Semester I). The proposal highlighted the growing convergence of energy and transportation sectors driven by national priorities such as renewable energy expansion, electric mobility, hydrogen technologies, and decarbonization efforts. The proposed programs aim to address emerging challenges at the energy–transport interface through interdisciplinary coursework, laboratory exposure, computational modelling, and industry-linked research.</p> <p>The Senate noted that the proposal had been discussed in the NAC, EPC, and SPGC. After deliberations, the Senate approved the introduction of the two programs with the following provisions:</p> <ol style="list-style-type: none"> 1. M.Tech. in Energy Engineering to commence from Academic Year 2026–27 (Semester I); 2. M.Tech. in Automotive Engineering to commence from Academic Year 2027–28 (Semester I); 3. The laboratory courses should be designated as core courses; 4. Elective list should be based on the philosophy of the program and should not depend on the existing faculty strength; 5. Each M.Tech. program will have an intake of 15 students, comprising 8 under MoE quota and 7 under other categories; 6. Ph.D. admissions in the Department will commence immediately with an intake of 10 students, comprising 5 under MoE quota and 5 under other categories; 7. The Senate noted that a B.Tech. program in the area may be introduced in due course of time only after a lot of discussion with stakeholders, academia and industry; and 8. It was also noted that the BS (4-year) program is equivalent to B.Tech. for the purpose of academic considerations under eligibility for the admission. Applicants with B.S. (Physics) and M.Sc. (Physics) may also be considered for admission to the PG and Ph.D. programs.

	<p>The Senate approved the proposal with the above suggestions & submission of the revised concept note in an updated common template.</p> <p>The Chairman Senate is authorized to approve the revised proposal after incorporating the suggestions.</p> <p style="text-align: center;">Action: Dr. Shobhana Singh, ME Department</p>
<p>44.2.17</p>	<p>Proposal for introduction of an M.Tech. Program in Power Systems and Power Electronics in the Department of Electrical Engineering</p>
	<p>The Senate considered the revised proposal for the introduction of an M.Tech. programme in Power Systems and Power Electronics in the Department of Electrical Engineering. The proposal highlighted the growing need for interdisciplinary expertise due to the transformation of the power sector driven by renewable energy integration, electric mobility, smart grids, and advanced power conversion technologies. The proposed programme aims to provide a balanced curriculum covering power system analysis, protection, stability, control, power electronics, converter design, electric drives, and emerging areas such as renewable energy integration, smart grids, and electric vehicle technologies. The programme also emphasizes laboratory work, simulation-based learning, and research-oriented projects. The proposal had been discussed in NAC, EPC, and SPGC prior to submission to the Senate.</p> <p>After deliberations, the Senate approved the proposal with the following recommendations:</p> <ol style="list-style-type: none"> 1. M.Tech. in Power Systems and Power Electronics to commence from Academic Year 2026–27 (Semester I); 2. The intake for the programme shall be 15 students, with 8 under MoE fellowship and 7 under other categories; 3. Separate eligibility criteria for candidates with fellowship and without fellowship should be clearly defined; 4. Course titles should be revised by removing the terms such as “Fundamental” and “Advanced” wherever applicable; 5. The proposal should be submitted in the standard proposal format after incorporating the suggestions; 6. Applied Linear Algebra should be removed from the list of electives; 7. List of electives should not exceed 14 in any of the M.Tech. programs. The elective bouquet needs to be revised comprehensively; and 8. The course content should be based on the vision and philosophy of the proposed program and must be aligned with Industry and technological demands. <p>The Senate approved the revised proposal subject to the above recommendations.</p> <p>The Chairman Senate is authorized to approve the revised proposal after incorporating the suggestions.</p> <p style="text-align: center;">Action: Head, Electrical Engineering</p>

44.2.18	<p>Proposal for introduction of an M.Tech. Program in Microwave and Photonic Technologies in the Department of Electronics Engineering</p>
	<p>Dr. Arani Ali Khan presented the proposal. It was informed that the proposal had been discussed in the NAC, EPC, and SPGC prior to its submission to the Senate. The Senate considered the revised proposal for the introduction of a two-year M.Tech. Programme in <i>Microwave and Photonic Technologies</i> in the Department of Electronics Engineering. The proposal highlighted the growing importance of microwave and photonic technologies in areas such as advanced communication systems, defence, aerospace, sensing, imaging, and emerging domains including 5G/6G, satellite communications, RADAR, LiDAR, terahertz imaging, and quantum photonics. The programme aims to provide strong theoretical foundations, hands-on laboratory exposure, and industry-oriented training in electromagnetics, microwave engineering, and photonic systems, while supporting interdisciplinary research and national strategic priorities.</p> <p>The Senate approved the revised proposal for introduction of the M.Tech. Programme in Microwave and Photonic Technologies in the Department of Electronics Engineering, with the following recommendations:</p> <ol style="list-style-type: none"> 1. M.Tech. in Microwave and Photonic Technology to commence from Academic Year 2026–27 (Semester I); 2. The intake for the programme will be 15 students, comprising 8 under MoE fellowship and 7 in other categories; 3. The eligibility criteria for candidates with fellowship and without fellowship should be clearly defined and specified; 4. The proposal should be reformatted and resubmitted in the standard proposal format, incorporating the comments of Senators; 5. The Department should consider including Infra-Red applications (Industrial/Interdisciplinary component) as part of the course structure/syllabus; and 6. Microwave and Photonic Technologies may also be considered as a vertical within the Department of Electronics Engineering, wherever applicable. <p>The approval is subject to incorporation of the above recommendations.</p> <p>The Chairman Senate is authorized to approve the revised proposal after incorporating the suggestions.</p> <p style="text-align: center;">Action: Dr. Arani Ali Khan, and Head, Electrical Engineering</p>
44.2.19	<p>Proposal for M.Tech. Program in Artificial Intelligence from Academic Year 2026–27</p>
	<p>The Senate considered the revised proposal for the M.Tech. programme in Artificial Intelligence and suggested a clear structuring of compulsory courses in the first year, either by offering all compulsory courses in the first semester or by ensuring that at least three such courses are scheduled in the first semester. The Senate further noted that the programme will continue under the Department of Computer Science and Engineering and emphasized the need for additional academic refinement.</p> <p>The Senate recommended that a joint meeting between SAIDE and the Department of Computer Science and Engineering be convened to comprehensively revise the proposal.</p>

	<p>After deliberations, the Senate deferred the proposal and advised that the revised version, incorporating the above suggestions, be placed before a subsequent Senate meeting for consideration.</p> <p style="text-align: center;">Action: Heads, CS&E and School of Artificial Intelligence & Data Science</p>
44.2.20	Proposal for Introduction of a Joint B.Tech.–M.Tech. Dual Degree Program with North-Eastern NITs under the Northeast–West Technology Education Corridor (NEWTEC)
	<p>The Senate considered the proposal to establish a Joint B.Tech.–M.Tech. Dual Degree Program with North-Eastern NITs under the Northeast–West Technology Education Corridor (NEWTEC). The programme envisages a five-year integrated pathway wherein eligible B.Tech. students from participating NITs (with a minimum CGPA of 7.5 at the end of the sixth semester) will complete their undergraduate requirements at their parent institute and subsequently spend three semesters at IIT Jodhpur to pursue M.Tech. coursework and research. The B.Tech. degree shall be awarded by the parent NIT, while the M.Tech. degree shall be jointly conferred by IIT Jodhpur and the parent NIT at the convocation of the parent NIT.</p> <p>The Senate noted that students will pay IIT Jodhpur fees for the duration of their stay at the Institute, with no provision for scholarship or stipend. The proposal aims to strengthen academic collaboration, promote regional inclusion, and facilitate structured postgraduate pathways.</p> <p>After deliberations, the Senate accorded in-principle approval to the proposal and emphasized that detailed academic requirements shall be prepared in accordance with the existing academic regulations of the Institute.</p> <p style="text-align: center;">Action: Professor-In-Charge, NIT Cell</p>
44.2.21	To consider and approve the proposal for allowing participation of Foreign Nationals in Executive Programmes of the Institute
	<p>The Senate considered the proposal for permitting participation of foreign nationals in the Executive Programmes of the Institute. It was noted that while the Institute offers various Executive Programmes for working professionals and industry personnel, participation of foreign nationals and the corresponding fee structure had not been formally defined.</p> <p>The Senate noted that enabling participation of foreign nationals, including international professionals, would enhance global engagement, strengthen the Institute’s academic ecosystem, and generate additional revenue.</p> <p>The eligibility criteria and applicability were presented. Foreign nationals, including Persons of Indian Origin and other international candidates holding a valid non-Indian passport, shall be permitted to enroll in Executive Programmes, subject to programme-specific eligibility requirements. The provisions shall apply to all Executive Programmes offered by the Institute from the date of approval.</p>

	<p>After deliberations, the Senate approved the proposal.</p> <p style="text-align: center;">Action: Dean of International Relations</p>
<p>44.2.22</p>	<p>Proposal to transfer/merger of academic programs in Interdisciplinary Research Division (IDRD) with relevant Academic Units and closure of IDRD</p>
	<p>The Senate considered the proposal for the transfer/merger of academic programmes currently administered by the Interdisciplinary Research Division (IDRD) with relevant Academic Units of the Institute, in view of the enhanced capacity of Departments to manage interdisciplinary programmes and to streamline academic governance.</p> <p>The Senate noted that the programmes under IDRD will be transferred to appropriate Host Departments/Schools/Centres based on academic relevance, and that the respective Academic Units will assume full academic and administrative responsibility. It was further noted that suitable transitional arrangements will be made to ensure continuity for currently registered students without any change in their academic requirements, and that IDRD will be formally closed upon completion of the transfer process.</p> <p>After deliberations, the Senate approved the proposal for transfer/merger of programmes and closure of IDRD, with the following decisions:</p> <ul style="list-style-type: none"> • The Head of the concerned Department shall act as the Head of the Centre under the respective Department. • IDR on Robotics and Mobility Systems (RMS) shall be absorbed in the Department of Mechanical Engineering. • IDR on Quantum Information and Computation shall be jointly hosted by the Department of Physics and the Department of Computer Science and Engineering. • IDR on Digital Humanities shall be absorbed into the School of Liberal Arts. • IDR on Space Science and Technology shall be absorbed into the Department of Aerospace Engineering. • The Centre for AIoT and Applications shall be absorbed into the Department of Electronics Engineering. • The Centre for Digital Health shall be absorbed into the MedTech Centre. • The IITJ–ARIES Joint Centre of Research in Astronomy and Astrophysics shall function as a Centre under the Department of Physics. • The IITJ–NLU Joint Centre on Law and Technology shall function as a Centre under the Department of Computer Science and Engineering. • Except for the IITJ–ARIES Joint Centre and the IITJ–NLU Joint Centre, which will continue as Centres under their parent Departments, all other Centres/platforms shall be fully integrated into the respective Departments. • The transition process shall be completed by June 2026. <p>Action: Heads, IDRD, CSE/ Physics/ Electrical Engineering, Mechanical Engineering</p>

44.2.23	Proposal to Integrate the Center for Technology Foresight and Policy (CTFP) into SME as a Focus Group on Technology Foresight and Policy
	<p>The Senate considered the proposal for integration of the Center for Technology Foresight and Policy (CTFP) into the School of Management and Entrepreneurship (SME) as a Focus Group on Technology Foresight and Policy. It was noted that the proposal had been deliberated upon in the 15th Senate Postgraduate Committee (SPGC), which recommended the integration.</p> <p>The Senate noted that sustaining CTFP as a standalone entity requires significant administrative and institutional resources, which may not be commensurate with its current scale. It was further noted that, while CTFP was established as an interdisciplinary hub for technology foresight and policy research, its academic activities have been constrained due to limited student enrolment and reduced faculty strength. At present, the Centre operates with limited faculty (one faculty and two affiliated faculty) and a single Ph.D. student, though it has demonstrated emerging external relevance through consultancy activities.</p> <p>The proposed restructuring aims to enable efficient utilization of institutional resources, preserve core competencies, and strengthen interdisciplinary collaboration in research, consultancy, and capacity-building activities. The Focus Group will be hosted within SME and led by Prof. Magesh Nagarajan.</p> <p>After deliberations, the Senate approved the proposal for integration of CTFP into SME as a Focus Group on Technology Foresight and Policy.</p> <p style="text-align: right;">Action: Heads, SME, CTFP</p>
44.2.24	Proposal to discontinue all M.Sc.-M.Tech. dual degree programs from Academic Year 2026-27
	<p>The Senate considered the proposal for discontinuation of admissions to all M.Sc.-M.Tech. Dual Degree programmes from Academic Year 2026–27. It was noted that the proposal had been deliberated upon in the 15th Senate Postgraduate Committee (SPGC), which recommended it for approval.</p> <p>The Senate noted that, while these programmes were introduced to provide an integrated pathway in advanced science and engineering disciplines, a review of academic structure, enrolment trends, resource requirements, and alignment with the Institute’s long-term academic vision necessitated rationalization of the programme structure and optimization of institutional resources.</p> <p>After deliberations, the e-Senate approved the discontinuation of admissions to all M.Sc.-M.Tech. Dual Degree programmes with effect from Academic Year 2026–27. It was further approved that students admitted up to Academic Year 2025–26 shall be allowed to continue under the existing regulations, and the concerned Academic Units/Departments shall ensure necessary academic and administrative support until completion of their programmes.</p> <p>The Senate also approved that appropriate amendments be made to the Institute Regulations, Admission Brochure, and other relevant academic documents to give effect to this decision.</p> <p style="text-align: right;">Action: Heads, CY, PH, MA, MT</p>

44.2.25	Proposal to discontinue Masters–Ph.D. Dual Degree Programme in MedTech from Academic Year 2026–27 and Reallocation of Seats to the Master’s Programme in MedTech
	<p>The e-Senate considered the proposal to discontinue the Master’s–Ph.D. Dual Degree Programme in MedTech and to reallocate its seats to the Master’s Programme in MedTech. It was noted that the proposal aligns with the broader restructuring of postgraduate programmes approved by the Senate and had been motivated by limited enrolment and the need to optimize academic and research resources. The Senate observed that the academic objectives of the Dual Degree Programme can be effectively achieved through the existing M.Tech. and Ph.D. programmes.</p> <p>After deliberations, the e-Senate approved the discontinuation of the Master’s–Ph.D. Dual Degree Programme in MedTech with effect from Academic Year 2026–27. It was further approved that no fresh admissions will be made from Academic Year 2026–27 onwards, and that the existing 10 seats of the Dual Degree Programme be reallocated to the Master’s Programme in MedTech, increasing its intake from 10 to 20 seats.</p> <p>The Senate also approved that currently enrolled students shall be allowed to complete their academic requirements under existing norms, and that necessary amendments be made in the Admission Brochure and the Institute website accordingly.</p> <p style="text-align: right;">Action: Head, Centre (Med-Tech)</p>
44.2.26	Proposal to discontinue B.S. (Chemistry) from AY 2026–27
	<p>The Senate considered the proposal for discontinuation of the B.S. (Chemistry) programme from the Academic Year 2026–27. It was noted that while the programme has played a significant role in providing foundational knowledge in core areas of chemistry, recent advancements in science and technology necessitate a shift toward interdisciplinary education integrating chemistry with engineering applications. Emerging domains such as materials science, energy systems, environmental engineering, and industrial chemistry require graduates with both strong theoretical understanding and applied engineering skills. The existing specialization-oriented structure of the programme offers limited flexibility for such integration. Accordingly, it was proposed to realign the academic offering by discontinuing the B.S. (Chemistry) programme with specialization and introducing a new B.S. programme in Engineering Chemistry from the Academic Year 2026–27, with phased implementation ensuring no disruption to currently enrolled students.</p> <p>The Senate noted that the proposal had been deliberated and recommended by the SUGC. After due consideration, the Senate approved the proposal to discontinue the B.S. (Chemistry) programme from the Academic Year 2026–27, with no fresh admissions from the said academic year, while allowing existing students to complete their programme and aligning faculty expertise and infrastructure to support the newly proposed B.S. programme in Engineering Chemistry.</p> <p style="text-align: right;">Action: Head, Chemistry</p>

44.2.27	Proposal to discontinue B.S. (Physics) from AY 2026–27
	<p>The Senate considered the proposal for discontinuation of the B.S. (Physics) programme from the Academic Year 2026–27. It was noted that the programme was originally introduced to build a strong foundation in fundamental physics and to prepare students for advanced studies and research. However, recent enrollment trends indicated a steady decline in student preference, with increasing inclination towards interdisciplinary and application-oriented programmes. The Senate also noted that there exists considerable overlap between the curriculum of the B.S. (Physics) programme and other B.Tech., integrated, and science-based programmes, which has reduced its distinct identity. In view of the evolving scientific and technological landscape, the need to realign academic offerings with emerging domains and student aspirations was emphasized.</p> <p>The Senate further noted that, in place of the existing programme, a new B.S. programme in Engineering Physics is proposed to be introduced from the Academic Year 2026–27. It was clarified that no fresh admissions will be made to the B.S. (Physics) programme from the Academic Year 2026–27 onwards, while all currently enrolled students will be allowed to complete their degree within the prescribed duration with full academic and administrative support. The existing faculty expertise, laboratory infrastructure, and related resources will be strategically aligned to strengthen interdisciplinary programmes and emerging academic areas in line with the Institute’s vision and national priorities. The proposal had been examined by the SUGC, and the relevant minutes and supporting documents were placed before the Senate.</p> <p>After deliberations, the Senate approved the proposal to discontinue the B.S. (Physics) programme from the Academic Year 2026–27.</p> <p style="text-align: right;">Action: Head, Physics</p>
Others	
44.2.28	Revised norms for the submission of Ph.D. Thesis
	<p>The Senate considered the proposal for revision of the publication requirement for submission of the Ph.D. thesis. It was noted that the existing requirement of a minimum of two publications in Scopus-indexed journals and/or A+ conferences has led to practical challenges affecting timely completion of doctoral work.</p> <p>After deliberations, the Senate approved the removal of the mandatory publication requirement as a precondition for thesis submission. It was resolved that permission for thesis submission shall be based on the academic judgment of the Ph.D. Supervisor and the Student Research Committee (SRC), taking into account the quality, originality, and adequacy of the research work.</p> <p>The Senate noted that this revision is intended to facilitate timely completion of doctoral programmes while maintaining high standards of research quality and recommended that Ph.D. students should aim to submit their thesis within 3–4 years, based on the readiness of their research.</p> <p style="text-align: right;">Action: All Faculty Members, All Heads</p>

44.2.29	Degree format for B.S. (Chemistry) and B.S. (Physics)
	<p>The Senate considered the proposal for approval of the degree format for the Bachelor of Science programmes, namely B.S. (Chemistry) and B.S. (Physics). It was noted that these programmes were introduced in the year 2022 and that the first batch of students from the Departments of Chemistry and Physics will graduate upon completion of the Academic Year 2025–26. In order to confer degrees upon the graduating students, it was necessary to finalize and approve the format of the degree certificates. The proposed formats were prepared by the Office of Academic Affairs in alignment with the existing formats of other undergraduate degrees awarded by the Institute. The draft degree certificates were placed before the SUGC in its 9th meeting, where it was suggested that a uniform format be adopted for both programmes, and that the format of B.Tech. degrees with specialization be referred to for consistency. The revised formats were subsequently discussed in the 10th SUGC meeting held on 19 March 2026.</p> <p>After deliberations, the Senate approved the degree format for B.S. (Chemistry) and B.S. (Physics). It was, however, noted that further discussion is required regarding the Hindi version of the degree certificate. The e-Senate recommended that inputs may be obtained from the Hindi Cell before finalizing the Hindi language format.</p> <p>The Office of Academic Affairs may seek inputs from the Institutes’ Hindi Cell for finalizing the Hindi nomenclature of the degree. The approved English title of the degree will be forwarded to the Hindi Cell for their expert review to ensure linguistic accuracy, consistency with official language guidelines, and alignment with standard academic terminology. Based on the recommendations received, the Hindi name of the degree will be finalized and adopted for use in degree certificates, transcripts, academic regulations, and all official Institute records.</p> <p style="text-align: right;">Action: Hindi Cell and Office of Academic Affairs</p>
44.2.30	Request for Nomination of Eminent Personalities for Honoris <i>Causa</i> Doctorate Degree at the Forthcoming Convocation
	<p>Prof. Atul Kumar, Dean of Academic Affairs, presented the proposal. The Senate considered the proposal regarding the nomination of eminent personalities for the conferment of the Honoris Causa Doctorate Degree at the forthcoming Convocation. The Senate noted that the provision and guidelines for the award had been approved earlier by the Board of Governors and the Senate, and that six Honoris Causa degrees have been conferred so far.</p> <p>After deliberations, the Senate approved the proposal to confer the Honoris Causa degree upon Shri Narendra Golia, a Philanthropist and founder of Rishabh Instruments Limited and requested members to nominate eminent personalities for consideration for the next Convocation. The Senate authorized the Chairman, Senate to take necessary action for inviting and processing the nominations.</p> <p style="text-align: right;">Action: Office of Academic Affairs</p>

44.2.31	Revised Structure and Constitution of Student Gymkhana
	<p>The Senate considered the proposal for revision of the existing student body structure into a unified Student Gymkhana framework. The proposal outlined the constitution of the Student Gymkhana as the overarching student representative body, comprising the Student Senate, led by the President and Vice President, along with two constitutional bodies, namely the Election Commission and the Media Cell.</p> <p>The Senate was informed that the Student Senate would consist of nine members, including the General Secretaries from four councils and the overall student heads from three committees. The four councils proposed under the revised structure are: Academics, Career and Technology Council; Innovation, Entrepreneurship and Alumni Council; Sports Council; and Cultural and Literary Council. These councils would be responsible for conducting various student-centric academic and co-curricular activities and events.</p> <p>Further, the proposal included three committees under the Student Senate, namely the Hostel Management Committee (with both male and female representatives), the Student Wellbeing Committee (with representation from both UG and PG students), and the Dining Committee represented by an overall student representative. It was also noted that the President of the Student Gymkhana would serve as a student representative on various Institute-level committees to facilitate effective communication between the student community and the administration.</p> <p>During deliberations, the Senate suggested that appropriate panels be formed within the proposed structure and that the composition should clearly specify the representation and strength of PG students and girl students. The Senate further suggested that either the President or the Vice-President must be a girl student. The Senate further emphasized that activities conducted under the Sports Council should be limited to proper sports events, and activities under technical domains should remain purely technical in nature. It was also suggested that no band or music-related events should be organized during sports or technical activities.</p> <p>The Senate authorized the Chairman, Senate to approve the detailed agenda and operational modalities of the revised Student Gymkhana structure, incorporating the above suggestions.</p> <p>With these observations, the Senate approved the revised structure and constitution of the Student Gymkhana.</p> <p style="text-align: center;">Action: Associate Dean, Hostel Affairs (ADHA)</p>
44.2.32	Provision of Exit Path for Students Enrolled in the M.Tech.–Ph.D. Dual Degree Programme
	<p>The Senate considered the proposal regarding the introduction of structured exit pathways for students enrolled in the M.Tech.–Ph.D. Dual Degree Programme. The proposal highlighted the need to provide academic flexibility for students unable to complete the Ph.D. requirements within the stipulated timeframe. In the absence of such provisions, students who are unable to progress beyond certain stages of the programme may face academic uncertainty, despite having completed substantial coursework and/or research components.</p>

	<p>After deliberations, the Senate approved the proposal with modifications. The Senate resolved that students opting for an exit pathway shall not be eligible for fellowship, and the fellowship shall be discontinued upon exercising the exit option. The Senate approved two exit pathways, namely M.S. (Exit) and Diploma (Exit), wherever applicable, to be granted on a case-to-case basis based on the recommendations of the Senate Postgraduate Committee (SPGC) and the Dean of Academic Affairs (DOAA).</p> <p>The Chairman, Senate, is authorized to approve such cases on a case-to-case basis.</p> <p style="text-align: center;">Action: All Departments, Chairperson (SPGC)</p>
44.3	Procedural Items
44.3.1	Proposal for Conducting the 12th Convocation on 6 June 2026
	<p>The Dean of Academic Affairs presented the proposal for conducting the 12th Convocation of the Institute. It was noted that the 11th Convocation and the first Commencement Ceremony, held in June 2025 in a phased format for undergraduate, postgraduate, and executive students, facilitated smooth coordination, efficient logistics, and enhanced participation.</p> <p>In view of these operational advantages, the Senate considered the proposal to conduct the 12th Convocation on 6 June 2026 in a similar format. The Senate was also informed that a committee of faculty members is exploring the possibility of inviting Nobel Laureates for the UG and PG Convocation ceremonies.</p> <p>After deliberations, the Senate approved the proposal to conduct the 12th Convocation on 6 June 2026, with the Undergraduate Convocation in the forenoon and the Postgraduate Convocation in the afternoon. A separate Commencement Ceremony will be conducted by the Office of Executive Education Programme (EEP), and degrees for Executive Education participants will be issued by EEP. Certificates/diplomas will not be conferred during the Commencement Ceremony and will instead be dispatched to the participants.</p> <p style="text-align: center;">Action: Convocation Committee/Office of Academic Affairs/ADEE/EEP</p>
44.4	Reporting, Adopting and Noting Items
44.4.1	<p>Disqualification/Withdrawal of Ms. Promi Halder (P23PH0019) (International Ph.D. Student from Bangladesh)</p> <p>In the e-Senate via online web portal, the Senate noted the same.</p>
44.5	Ratification Items
44.5.1	Approvals accorded by the Chairman, Senate on behalf of the Senate
	In the e-Senate via online web portal, the approvals accorded by the Chairman, Senate on behalf of the Senate were ratified.

44.6	<p>Any other Item with the prior permission of the Chairman</p> <p>Proposal for Joint Ownership of the M.Tech. in Data and Computational Sciences by the Department of Mathematics and the Department of Computer Science and Engineering</p> <p>The Senate considered the proposal for joint ownership of the M.Tech. in Data and Computational Sciences programme by the Department of Mathematics and the Department of Computer Science and Engineering. The programme is interdisciplinary in nature, integrating core components of Mathematics, Statistics, Data Science, and Computer Science, with substantial academic contributions from both departments in teaching, curriculum development, and thesis supervision.</p> <p>The Senate noted that the curriculum comprises core and elective courses offered by both departments and that faculty members from both units are actively involved in programme delivery and governance. In view of the balanced academic participation and interdisciplinary objectives, joint ownership was considered appropriate to strengthen coordination, streamline academic administration, and enhance programme governance.</p> <p>The Senate also considered the proposed structure of the Programme Coordination Committee (PCC), which shall administer the programme, with representation from both departments. The proposed composition of the PCC is as follows:</p> <p>Programme Coordinator – Chairperson (to be nominated on a rotational basis between the Department of Mathematics and the Department of Computer Science and Engineering) Two Faculty Members – Department of Mathematics Two Faculty Members – Department of Computer Science and Engineering One Nominee of Chairman, Senate – Member Programme Co-Coordinator – Ex-officio Member Heads of both Departments – Ex-officio Members</p> <p>The Senate further noted that the PCC shall oversee overall programme coordination, admissions and student-related matters, curriculum design and updates, course offerings, teaching assignments, thesis supervision, and monitoring of academic progress of students.</p> <p>The Senate approved the proposal for joint ownership of the M.Tech. in Data and Computational Sciences programme by the Department of Mathematics and the Department of Computer Science and Engineering, along with the proposed governance structure through the Programme Coordination Committee.</p> <p style="text-align: right;">Action: Heads, MA and CSE</p>
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The meeting ended with thanks to the Chairman and all members.

Dr. Ankur Gupta

(Dr. Ankur Gupta)

Offg. Registrar & Secretary, Senate

Approved

Avinash Kumar Agarwal
24/04/2025

(Prof. Avinash Kumar Agarwal)

Director & Chairman, Senate