राष्ट्रीय प्रौद्योगिकी संस्थान वरंगल

National Institute of Technology Warangal

Hanumakonda, Warangal-506004, Telangana

Senate Minutes

Meeting No.:	149
Date:	23rd March 2026
Time	16:00 hours
Venue:	Senate Hall

Minutes of the 149th Meeting of the Senate held on 23rd March 2026

Prof. Bidyadhar Subudhi, Chairman
Director, NIT Warangal

Sri. Sunil Kumar Mehta, Secretary
Registrar, NIT Warangal

Members Present:

1 Prof. A. Benerji Babu (MA)
2 Prof. A. Sarath Babu (CH)
3 Prof. A. Venu Gopal (ME)
4 Prof. A. Venu Vinod (CH)
5 Prof. Adepu Kumar (ME)
6 Prof. Arif Ali Baig Moghal (CE)
7 Prof. B. Lakshmi (EC)
8 Prof. Ch. Sudhakar (CS)
9 Prof. Ch. Venkaiah (EE)
10 Prof. D. Kasinath (CY)
11 Prof. D. Ramaseshu (CE)
12 Prof. D. Srinivasa Charya (MA)
13 Prof. D. Vakula (EC)
14 Prof. D.V.S.S. Siva Sarma (EE)
15 Prof. Debashis Dutta (MA)
16 Prof. Dipti Ranjan Sahoo, IIT Delhi
17 Prof. G. Amba Prasad Rao (ME)
18 Prof. G. Rajesh Kumar (CE)
19 Prof. G.V.S. Nageswara Rao (MM)
20 Prof. Hari Ponnamma Rani (MA)
21 Prof. J.V. Ramana Murthy (MA)
22 Prof. K. Anand Kishore (CH)
23 Prof. K. Kiran Kumar (ME)
24 Prof. K. Madhavi (HS)
25 Prof. K. Thangaraju (PH)
26 Prof. K. Venkata Reddy (CE)
27 Prof. K.N.S. Kasiviswanadham (MA)
28 Prof. M. Heera Lal (CE)
29 Prof. M. Sailaja Kumari (EE)
30 Prof. Mahesh Kumar Talari (MM)
31 Prof. N. Bheema Rao (EC)
32 Prof. N. Kishore Babu (MM)
33 Prof. N. Narasaiah (MM)
39 Prof. P. Hari Krishna (CE)
40 Prof. P. Hari Prasada Reddy (CE)
41 Prof. P. Muthu (MA)
42 Prof. P. Ratish Kumar (CE)
43 Prof. P. Sreehari Rao (EC)
44 Prof. P. Sreenivasa Rao (BT)
45 Prof. P. Subhash Chandra Bose (ME)
46 Prof. P. Syam Prasad (PH)
47 Prof. P. Venkata Sri Laxmi (CY)
48 Prof. P. Venkata Suresh (CH)
49 Prof. Pisipati Radha Krishna (CS)
50 Prof. R. Narasimha Rao (ME)
51 Prof. R. S. Selvaraj (MA)
52 Prof. R. Satish Babu (BT)
53 Prof. R.B.V. Subrahmanyam (CS)
54 Prof. Rajni Singh, IIT (ISM) Dhanbad
55 Prof. Rashmi Ranjan Rout (CS)
56 Prof. Ravi Kumar Jatoth (EC)
57 Prof. S. Anuradha (EC)
58 Prof. S. Ravichandra (CS)
59 Prof. S. Srinath (CH)
60 Prof. S. Srinivasa Rao (EE)
61 Prof. S. Srinivasa Rao (ME)
62 Prof. S. Venkateswara Rao (CE)
63 Prof. Sonawane Shirish Hari (CH)
64 Prof. Sourabh Roy (PH)
65 Prof. Srikanth Korla (ME)
66 Prof. T. Kishore Kumar (EC)
67 Prof. T. Venkatappa Rao (PH)
68 Prof. T.D. Gunneswara Rao (CE)
69 Prof. V. Ramana Murthy (CE)
70 Prof. V. Suresh Babu (ME)
71 Prof. V.P. Chandra Mohan (ME)

34 Prof. N. Selvaraj (ME)
35 Prof. N. Viswanathan (EE)
36 Prof. N.V. Umamahesh (CE)
37 Prof. P. Abdul Azeem (PH)
38 Prof. P. Bangaru Babu (ME)
72 Prof. Vangapandu Rama Devi (MS)
73 Prof. Venkaiah Chowdary (CE)
74 Prof. Venkatathri Narayanan (CY)
75 Prof. Vishnu Shanker (CY)
76 Prof. Y. Ravi Kumar (ME)

Special Invitees:

1 Prof. Ajoy Kumar Pandey, (Head, MM)
2 Prof. B. Rama Raju (Head, BT)
3 Prof. S. Vidyasagar, (Head, CH)
4 Prof. Santhosh P. (Head, CY)
5 Prof. Sunitha G. (Head, MS)
6 Prof. D. Bhargavi (Assoc. Dean, Acad-PG)
7 Prof. K.V.R. Ravi Shankar (Assoc. Dean, ARP)
8 Prof. Syed Ismail (Assoc. Dean, Acad-UG)
9 Prof. G. Siva Kumar (PIC, Exams)
10 Prof. Ch. Ramreddy (PIC, Admissions)
11 Sri. Md. Habeeb Khan (DR, Academic)

The following members could not attend the meeting:

1 Prof. A. Veeresh Babu (ME)
2 Prof. Asit Kumar Khanra (MM)
3 Prof. B. Sathish Ben (ME)
4 Prof. B.L. Narasimha Raju (EE)
5 Prof. C. Vanitha (MM)
6 Prof. Chandra Shekhar Sharma, IIT Hyd
7 Prof. D. Jayakrishna (ME)
8 Prof. Divi Haranath (PH)
9 Prof. G. Nagasrinivasulu (ME)
10 Prof. K. Narasimhulu (BT)
11 Prof. K.V. Gobi (CY)
12 Prof. K.V. Sai Srinadh (ME)
13 Prof. L. Anjaneyulu (EC)
14 Prof. L. Krishnanand (ME)
15 Prof. M. Chandrasekhar (CE)
16 Prof. M. Joseph Davidson (ME)
17 Prof. N.V. Srikanth (EE)
18 Prof. N.V.S.N. Sarma (EC)
19 Prof. P. Ramlal (MS)
20 Prof. P. Ravi Kumar (SA)
21 Prof. P. Vamsi Krishna (ME)
22 Prof. P. Venkateswara Rao (CE)
23 Prof. Puli Ravi Kumar (ME)
24 Prof. R. Padmavathy (CS)
25 Prof. V. Hari Kumar (ME)
26 Prof. V. Rajesh Khana Raju (ME)
27 Prof. V. Venkata Mani (EC)
28 Prof. V.T. Somasekhar (EE)

The leave of absence for the members was approved.

The Chairman of the Senate welcomed all the Senators.

Part-A [In the presence of Student Representatives]

2026-149-Senate-1.1	Conversion of Ph.D. Studentship from Full-Time to Part-Time

The Research Progress and Evaluation Committee (RPEC) recommended the conversion of the following Ph.D. studentship from full-time to part-time, based on the recommendations of the Doctoral Scrutiny Committee (DSC):

S. No.	Name of the Research Scholar	Roll No.	Remarks
1	Ms. Sarmili Swain	22CER1R05	Secured a job as an Assistant Executive Engineer through the Odisha Public Service Commission and satisfied the Ph.D. regulations for conversion from full-time to part-time.

The Chairman of the Senate has approved the RPEC recommendations to convert the Ph.D. studentship from full-time to part-time.

The Senate ratified the decision of the Chairman of the Senate.

2026-149-Senate-1.2	Comprehensive Examination during 4th Semester

The RPEC recommended conducting the comprehensive examination in the 4th semester for the following research scholars, based on the recommendations of the respective DSCs:

S. No.	Name of the Research Scholar	Roll No.	Remarks
1	Ms. Ch. Sravanthi	24MER1R08	Unable to appear for the comprehensive examination in the 3rd semester due to maternity leave.
2	Ms. E. Lavanya	24ECR1P18	Unable to appear for the comprehensive examination in the 3rd semester due to the postpartum period.
3	Ms. R. Sowmya	24CER1P06	Unable to appear for the comprehensive examination in the 3rd semester due to the medical condition of her son.

The Chairman of the Senate has approved the RPEC recommendations to conduct the comprehensive examination in the 4th semester.

The Senate ratified the decision of the Chairman of the Senate.

2026-149-Senate-1.3	Extension of Registration beyond Eight Years/Re-admission

The respective DSCs have recommended: (i) the extension of semester registration beyond eight years for Mr. Sankineni Rakesh, and (ii) re-admission of Mr. Sachin Sood along with registration for December 2024 and July 2025 semesters:

S. No.	Name of the Research Scholar	Roll No.	Department	Full-time/ Part-time	Remarks
1	Mr. Sankineni Rakesh	717124	ME	Part-time	Completed 8 years by December 2025 and requested an extension of registration by one semester to submit the synopsis and thesis.
2	Mr. Sachin Sood	717152	CS	Part-time	Completed 8 years by December 2025 and availed a temporary break from December 2024 to December 2025. Requested registration for the December 2024 and July 2025 semesters, and re-admission to submit the synopsis and thesis.

The Chairman of the Senate has approved the respective DSC recommendations to: (i) extend the semester registration beyond eight years for Mr. Sankineni Rakesh, and (ii) register for the December 2024 and July 2025 semesters, and re-admission in the December 2025 semester for Mr. Sachin Sood.

The Senate ratified the decision of the Chairman of the Senate.

2026-149-Senate-1.4	Extension of Registration beyond Eight Years

The RPEC recommended the extension of semester registration beyond eight years for the following research scholar, based on the recommendations of the DSC:

S. No.	Name of the Research Scholar	Roll No.	Department	Full-time/ Part-time	Remarks
1	Mr. Ravi Kanth Kotha	717145	CS	Full-time	Completed 8 years by December 2025 and awaiting acceptance of second journal paper. Requested an extension of registration by one semester to submit the synopsis and thesis.

The Chairman of the Senate has approved the RPEC recommendations to extend the semester registration beyond eight years.

The Senate ratified the decision of the Chairman of the Senate.

2026-149-Senate-1.5	Temporary Break in Ph.D.

The DSC recommended a one-semester break and permission to register for the December 2025 semester:

S. No.	Name of the Research Scholar	Roll No.	Remarks
1	Ms. Pragati Bhandari	24CSR1P12	Requested a one-semester break and permission to register for the December 2025 semester due to marriage and family-related constraints.

The Chairman of the Senate has approved the DSC recommendations for a one-semester break and to register for the December 2025 semester.

The Senate ratified the decision of the Chairman of the Senate.

2026-149-Senate-1.6	Temporary Break in Ph.D.

The RPEC recommended a one-semester break and permission to register for the December 2025 semester, based on the recommendations of the DSC:

S. No.	Name of the Research Scholar	Roll No.	Remarks
1	Ms. Dopathi Haritha	23CSR1P14	Requested a one-semester break and permission to register for the December 2025 semester due to a health problem.

The Chairman of the Senate has approved the RPEC recommendations for a one-semester break and to register for the December 2025 semester.

The Senate ratified the decision of the Chairman of the Senate.

2026-149-Senate-1.7	Consideration of the Research Credentials Completed

The RPEC recommended carrying forward the research credentials completed by the following research scholars, based on the recommendations of the respective DSC:

S. No.	Name of the Research Scholar	Roll No.	Remarks
1	Ms. Adepu Navalika	25PHR2R13	Part-time research scholar (23PHR1P01) admitted to a full-time Ph.D. program with an Institute fellowship.
2	Ms. Narahari Suchitra Reddy	25BTR2R03	Full-time research scholar with provisional DST-INSPIRE fellowship (24BTR1R13) admitted to a full-time Ph.D. program with an Institute fellowship.

The Chairman of the Senate has approved the RPEC recommendations to carry forward the research credentials completed by the research scholars.

The Senate ratified the decision of the Chairman of the Senate.

2026-149-Senate-1.8	Change/Inclusion of Co-Supervisor

The RPEC recommended a change of co-supervisor/inclusion of a co-supervisor for the following research scholars, based on the recommendations of the respective DSC:

S. No.	Name of the Research Scholar	Roll No.	Existing Co-Supervisor	Proposed Co-Supervisor
1	Ms. Fouzia Begum	23CYR1P04	Dr. Abhishek Shankar Saxena	Dr. Somnath Dasgupta
2	Mr. Raju Mamidi	23CYR1P03	Dr. Abhishek Shankar Saxena	Dr. Surendra Babu Venkata Damerla
3	Mr. Alok Patel	21CEREP09	NIL	Prof. Sarada Prasad Parida
4	Mr. Satyam Naidu S.	23BTR1P01	Dr. Ramesh Matur	Dr. Annasaheb Kolpe
5	Mr. Mohandas Audirala	25EER1P01	NIL	Prof. V. T. Somasekhar
6	Mr. Venkata Rama Rao Mutyala	24MER1P12	Prof. Ch. Sri Chaitanya	Prof. B. Chennakesava Rao

The Chairman of the Senate has approved the RPEC recommendations for a change of co-supervisor/inclusion of a co-supervisor.

The Senate ratified the decision of the Chairman of the Senate.

2026-149-Senate-1.9	Cancellation of Ph.D. Admission

The RPEC recommended the cancellation of Ph.D. admission of the following research scholars, based on the recommendations of the respective DSC:

S. No.	Name of the Research Scholar	Roll No.	Department	Full-time/ Part-time	Remarks
1	Ms. Evana Islam Sarkar	720102	MA	Full-time (Institute Fellowship)	Not registered for four consecutive semesters from December 2023.
2	Mr. P. Vijay Kumar	23CYR1R03	CY	Full-time (Institute Fellowship)	Failed to complete the comprehensive examination in two attempts.

The Chairman of the Senate has approved the RPEC recommendations to cancel the Ph.D. admissions.

The Senate ratified the decision of the Chairman of the Senate.

2026-149-Senate-1.10	Temporary Break of 3 Semesters in Ph.D. for Ms. Ijjada Nandini

Ms. Ijjada Nandini, Roll No. 721012, a full-time research scholar in the Department of Civil Engineering working under the supervision of Prof. T.D. Gunneswara Rao has completed 9 semesters as of June 2025. She could not register for the 10th semester in July 2025 due to medical treatment requiring complete bed rest. She has requested a three-semester temporary break in her Ph.D. program from July 2025 to December 2026. The DSC of the research scholar has recommended a three-semester break in her Ph.D. program. The RPEC stated that the temporary break in her Ph.D. can be recommended after obtaining the opinion of the Doctor from the Institute Health Centre on the health concerns submitted by the research scholar.

The Senate approved the recommendation of the RPEC for a three-semester break in Ph.D. for Ms. Ijjada Nandini, subject to the recommendations of the Doctor from the Institute Health Centre.

2026-149-Senate-1.11	Change of Supervisor for Ms. Tejavath Anoosha

Ms. Tejavath Anoosha, Roll No. 24CHR2R02, a full-time research scholar in the Department of Chemical Engineering, is working under the supervision of Prof. Leela Manohar Aeshala and Prof. Anand Kishore Kola. Previously, she had requested cancellation of her Ph.D. admission due to personal reasons. The DSC of the research scholar has recommended that her Ph.D. admission be cancelled. However, the research scholar has sent an email to the Chairman of the Senate requesting to continue her Ph.D. Subsequently, the Senate, in its 148th meeting, agenda item no. 1.6, authorized the Chairman of the Senate to take a decision based on the recommendations of the DSC and the RPEC.

The DSC recommended granting the research scholar an opportunity to pursue her Ph.D. and also recommended the main supervisor's request to relieve him from Ph.D. supervision of Ms. Tejavath Anoosha and assign a new supervisor. The RPEC recommended Prof. Anand Kishore Kola as the sole new supervisor for Ms. Tejavath Anoosha. The Chairman of the Senate has approved the RPEC recommendations for the change of supervisor.

The Senate ratified the decision of the Chairman of the Senate.

2026-149-Senate-1.12	Comprehensive Examination of Ms. Anitha Manpati

Ms. Anitha Manpati, Roll No. 24CSR1R05, a full-time research scholar in the Department of Computer Science and Engineering working under the supervision of Prof. Nidhi Sonkar could not complete the comprehensive examination even after two attempts. She has requested the Chairman of the Senate to grant another opportunity for her to appear for the comprehensive examination. The DSC and DAC (PG&R) recommended that the research scholar not be allowed to register for the Spring Semester of the Academic Year 2025-2026 and also recommended the cancellation of her Ph.D. admission. RPEC recommended the case to the Senate, as the existing regulations provide a maximum of two attempts to complete the comprehensive examination within three semesters. According to the Academic Regulations for Ph.D. Program (effective from AY 2024-2025), "if the research scholar fails to complete the comprehensive examination within three semesters, even after 2 attempts, the research scholar may be given an option to convert to MS by Research or quit the Institute without any degree".

The Senate resolved to follow the Academic Regulations for Ph.D. Program.

2026-149-Senate-1.13	Cancellation of Ph.D. Admission and Award of MS by Research Degree to Ms. Archana M.

Ms. Archana M., Roll No. 23MAR2S01, a full-time self-financed research scholar in the Department of Mathematics working under the supervision of Prof. H.P. Rani, has completed four semesters and has requested to withdraw from the Ph.D. program due to a lack of research compatibility with her supervisor, and has also requested to consider her credentials for the award of the MS by Research degree. The DSC, RPEC, and the Board of Viva-Voce Examiners recommended the award of the MS by Research degree to Ms. Archana M. However, the supervisor, Prof. H.P. Rani informed the Senate that the research scholar has not published a journal paper and the manuscript was rather communicated to a journal.

The Senate advised the RPEC to re-examine the credentials of Ms. Archana M. for the award of the MS by Research degree and to submit its recommendations to the Senate.

2026-149-Senate-1.14	Enrollment in External Online Degree Programs

Mr. Abhinav Singh, Roll No. 25EDI0025, a 2nd semester student of the 4-year Integrated B.Sc. B.Ed. program with Major in Mathematics is simultaneously pursuing an online Bachelor of Business Administration in Digital Business and Entrepreneurship (BBA-DBE) at the Indian Institute of Management Bangalore (IIMB). The student requested a No Objection Certificate (NOC) to pursue the concurrent online BBA-DBE degree at IIMB and stated that he was unaware of the administrative requirements. The Senate Undergraduate Committee (SUGC) recommended the student's request, subject to the following conditions: (i) the student must ensure that participation in the online degree program does not interfere with attendance, coursework, or examinations at NIT Warangal, and (ii) the student must take prior approval from the Dean (Academic), ensuring full commitment for the regular program at NIT Warangal.

The Senate, in principle, approved allowing the students to pursue concurrent online degree/certification programs. Such a provision exists in other academic institutes. However, the Institute will not issue a NOC, and students must provide information to the Academic Section before registering for any online degree/certification programs. Further, students simultaneously pursuing an online degree/certification program should ensure that such online programs do not affect their attendance, coursework, or examinations conducted by the Institute.

PART-B [Without the Presence of the Student Representatives]

2026-149-Senate-2	Action Taken Report on the Decisions Taken in 148th Senate Meeting

2025-148-Senate-1.1	Change of co-Supervisor for Mr. Venkateswara Rao B.	The Senate decision has been communicated to the Department.
2025-148-Senate-1.2	Inclusion of co-Supervisor for Mr. Gugloth Ganesh.	The Senate decision has been communicated to the Department.
2025-148-Senate-1.3	Change of supervisor for Ms. Shrishti Thakur.	The Senate decision has been communicated to the Department.
2025-148-Senate-1.4	Change of supervisor for Ms. Jarupula Sunitha.	The Senate decision has been communicated to the Department.

2025-148-Senate-1.5	Consideration of the research credentials completed by Mr. V. Tarun, a full-time (project) scholar admitted to full-time Ph.D. (institute fellowship).	The Senate decision has been communicated to the Department.
2025-148-Senate-1.6	Cancellation of Ph.D. admission of Ms. Tejavath Anoosha.	The Senate decision has been communicated to the Department.
2025-148-Senate-1.7	Cancellation of Ph.D. admission of Mr. Tharun Kumar Reddy.	The cancellation order has been released.
2025-148-Senate-1.8	Conversion of Ph.D. studentship of Ms. Dharavath Anusha from full-time to part-time.	The studentship has been converted from full-time to part-time, and an order has been released.
2025-148-Senate-1.9	Conversion of Ph.D. studentship of Mr. Mudavath Praveen Kumar from full-time to part-time.	The studentship has been converted from full-time to part-time, and an order has been released.
2025-148-Senate-1.10	Conversion of Ph.D. studentship of Mr. Banoth Srinu from full-time to part-time.	The studentship has been converted from full-time to part-time, and an order has been released.
2025-148-Senate-1.11	Extension of temporary break in Ph.D. for Mr. Amgothu Venkatesh.	The Senate decision has been communicated to the Department.
2025-148-Senate-1.12	Extension of registration to Mr. D. Mallikharjuna Reddy.	The Senate decision has been communicated to the Department, and the research scholar has registered for the Spring semester of the Academic Year 2025-2026.
2025-148-Senate-1.13	Extension of registration to Mr. Srikanth Reddy Yanala.	The Senate decision has been communicated to the Department, and the research scholar has registered for the Spring semester of the Academic Year 2025-2026.
2025-148-Senate-1.14	Extension of registration to Mr. Vignesh Raja S.	The Senate decision has been communicated to the Department, and the research scholar has registered for the Spring semester of the Academic Year 2025-2026.
2025-148-Senate-1.15	Comprehensive examination during 4th semester for Ms. Pulyala Radhika.	The Senate decision has been communicated to the Department.
2025-148-Senate-1.16	Comprehensive examination during 4th semester for Mr. M. Sathyanarayana.	The Senate decision has been communicated to the Department.

2025-148-Senate-2	Action taken report on the decisions taken in the 147th Senate meeting.	Noted.
2025-148-Senate-3	Results of Ms. Bhumi Yadav in PH6199: Dissertation Work.	The student was conferred M.Sc. (Tech) in Engineering Physics, with a specialization in Photonics, at the 23rd Convocation.
2025-148-Senate-4	Coursework registration of Mr. Danana Gouda C. in the 3rd semester of M.Tech Transportation Engineering.	Upon approval of the registration, the student appeared for the end-semester examinations.
2025-148-Senate-5	Results of undergraduate and postgraduate programs, and PhD coursework for the Autumn semester of Academic Year 2025-2026.	Noted.
2025-148-Senate-6	Confirmation of the minutes of the 147th Senate meeting.	The minutes of the 147th Senate meeting, confirmed by the Senate, have been uploaded to the Institute website.
2025-148-Senate-7	Introduction of a new B.Tech program and postgraduate programs.	Awaiting receipt of the curriculum and syllabi documents from the respective Departments.
2025-148-Senate-8	Academic Calendar for the Spring semester of Academic Year 2025-2026 applicable to all undergraduate and postgraduate students.	The academic calendar has been uploaded to the Institute website.
2025-148-Senate-9	Academic Calendar for the summer classes of AY 2025-2026.	The academic calendar has been uploaded to the Institute website.
2025-148-Senate-10	Results of Ph.D. viva-voce examination.	Noted.
2025-148-Senate-11	Mandatory course on Artificial Intelligence and Machine Learning in all B.Tech programs.	The Chairman of the Senate has constituted a committee, and the committee submitted its recommendations, which will be placed before the 150th Senate.
2025-148-Senate-12	Committee for the conferment of honorary D.Sc. and Ph.D. degrees in the 24th convocation.	Awaiting receipt of the recommendations from the committee.
2025-148-Senate-13	Introduction of one credit fractal courses in the B.Tech curriculum.	Awaiting receipt of the recommendations from the Curriculum Development and Monitoring Committee.

2025-148-Senate-14	Collaboration with the art of living.	The Senate deferred the proposal.
2025-148-Senate-15	Introduction of moral education as a fractal course in the B.Tech curriculum.	Awaiting receipt of the recommendations from the Curriculum Development and Monitoring Committee.
2025-148-Senate-16	Modification of 4-Year Integrated B.Sc. B.Ed. program curriculum.	The revised curriculum and syllabi document has been uploaded to the Institute website.
2025-148-Senate-17	Introduction of a full-semester internship in the MBA program.	The revised regulations have been uploaded to the Institute website.
2025-148-Senate-18	Registration of backlog courses in examination mode in lieu of study mode.	The committee submitted its recommendations, which will be placed before the 150th Senate.
2025-148-Senate-19	Any other item with the permission of the Chair. 19.1) Change of supervisor. 19.2) New B.Tech program in Aerospace Engineering. 19.3) Proposal to introduce new electives by the Department of Electrical Engineering and the Department of Chemical Engineering.	19.1) The Senate decision has been communicated to the Department. 19.2) Awaiting receipt of the recommendations from the New Academic Program Committee. 19.3) Awaiting receipt of the revised curriculum and syllabi documents from EE and CH.

The Senate noted the action taken report.

2026-149-Senate-3	**Introduction of a Full-Semester Internship in the M.Sc. and Integrated M.Sc. Programs**

The Department of Mathematics has submitted a proposal to introduce a full-semester internship, arranged through the Centre for Career Planning and Development (CCPD), in the final semester of the M.Sc. and Integrated M.Sc. programs, i.e., 4th semester for the M.Sc. program and 10th semester for the Integrated M.Sc. program. However, the following courses have to be completed by the students in the final Semester as per the existing curriculum:

- Professional Elective-VI for M.Sc. Program and Professional Elective-IX for Integrated M.Sc. Program
- Professional Elective-VII for M.Sc. Program and Professional Elective-X for Integrated M.Sc. Program

- Comprehensive Viva-Voce
- Dissertation

The above course structure also exists for M.Sc. programs offered by the Departments of Physics and Chemistry. There are no professional electives in the 6th semester of the M.Sc. (Tech) Engineering Physics. The Department of Mathematics proposed allowing M.Sc. and Integrated M.Sc. students undertaking a full-semester internship in their final semester to register for approved online courses in lieu of the above elective courses. The Department of Mathematics has also submitted a list of online courses that the M.Sc. and Integrated M.Sc. students can register for in their final semester. The proposal has been recommended by the DAC (PG&R) of the Department of Mathematics. Such a semester-long internship provision is allowed in the 8th Semester of the B.Tech program, and the Senate, in its 148th meeting, approved a similar proposal for the MBA program. Similar regulations can be adopted for the M.Sc. and Integrated M.Sc. programs offered by the Departments of Mathematics, Physics, and Chemistry. However, students not undertaking a full-semester internship in their final semester must register for any of the electives offered under Professional Electives VI and VII for the M.Sc. program, and under Professional Electives IX and X for the Integrated M.Sc. program. The Chairman of the Senate approved the above proposal.

The Senate ratified the decision of the Chairman of the Senate. The Senate resolved that the Heads of Departments should identify and recommend suitable online courses for approval of the Director, well before the commencement of final semester registrations. The Senate also resolved that students are not allowed to undertake a full-semester internship after the commencement of their final semester classwork if they have not registered for the approved online courses and have registered for professional electives offered at the Institute.

2026-149-Senate-4	**Confirmation of the Minutes of the 148th Senate meeting**

The minutes of the 148th meeting of the Senate were circulated to all the senators. No comments were received from the Senators.

The Senate confirmed the minutes of the 148th Senate meeting.

2026-149-Senate-5	**Results of Ph.D. Viva-Voce Examination**

The results of the following Ph.D. students who have been provisionally awarded degrees after the 148th Senate meeting held on 10-12-2025, on approval of the Chairman of the Senate, are placed before the Senate for information.

PhD Results after 148th Senate meeting

01	**Ms. Tadepalli Phani Swecha**	
	Department	**EE**
	Roll No.	720035
	Date of Viva-voce Examination	11.12.2025
	Foreign Examiner	Prof. Ramakrishna Gokaraju, University of Saskatchewan, Canada
	Indian Examiner	Prof. Saikat Chakrabarti, IIT Kanpur
	Supervisor(s)	Prof. Md. Nabab Alam & Prof. Deepak Reddy P., IIT Kharagpur
	Thesis Title	Distributed and Cyber Resilient Control Strategies for Microgrid Systems
02	**Ms. Ferqunda Tabassum**	
	Department	**MA**
	Roll No.	21MAQJ158
	Date of Viva-voce Examination	26.12.2025
	Foreign Examiner	Prof. Stephen K. Wilson, University of Bath, UK
	Indian Examiner	Prof. B.V.R. Kumar, IIT Kanpur
	Supervisor(s)	Prof. P. Muthu
	Thesis Title	Mathematical Models of Oscillatory Flow in Elastic Tubes with Permeable Wall
03	**Mr. Rathod Kiran**	
	Department	**CE**
	Roll No.	720019
	Date of Viva-voce Examination	26.12.2025
	Foreign Examiner	Prof. Subhamoy Bhattacharya, University of Surrey, UK
	Indian Examiner	Prof. Vishwas A. Sawant, IIT Roorkee
	Supervisor(s)	Prof. G. Kalyan Kumar
	Thesis Title	Analysis of Laterally Loaded Piles on Sloping Ground Under Static and Cyclic Loading in Cohesionless Soil
04	**Mr. N.A.G.K. Manikanta Kopuri**	
	Department	**CE**
	Roll No.	**720012**
	Date of Viva-voce Examination	30.12.2025
	Foreign Examiner	Prof. Kejin Wang, Iowa State University, USA

	Indian Examiner	Prof. Rajesh Kumar, IIT (BHU) Varanasi
	Supervisor(s)	Prof. S. Anitha Priyadarshani
	Thesis Title	Compression Behaviour of Concrete Filled Steel and FRP Tube Columns
05	**Mr. Jitesh Pani**	
	Department	**PH**
	Roll No.	**21PYFJ165**
	Date of Viva-voce Examination	07.01.2026
	Foreign Examiner	Prof. Xiaolei Wang, University of Alberta, Canada
	Indian Examiner	Prof. Yogesh Sharma, IIT Roorkee
	Supervisor(s)	Prof. Hitesh Borkar
	Thesis Title	Tailored Mxene–Oxide Interfaces for Enhanced Electrochemical Energy Storage Performance
06	**Mr. Pranav Kumar Annavajjala**	
	Department	**PH**
	Roll No.	**718075**
	Date of Viva-voce Examination	08.01.2026
	Foreign Examiner	Prof. Luis Santos, University of Lisbon, Portugal
	Indian Examiner	Dr. K. Annapurna, CSIR-Central Glass and Ceramic Research Institute, Kolkata
	Supervisor(s)	Prof. Syam Prasad
	Thesis Title	Development of Rare Earth Ion Doped Germanate Glasses for Photonic Applications
07	**Ms. Sasi Sree Marupalli**	
	Department	**CY**
	Roll No.	**21CYFJ181**
	Date of Viva-voce Examination	08.01.2026
	Foreign Examiner	Prof. Mihaiela C. Stuparu, Nanyang Technological University, Singapore
	Indian Examiner	Prof. M. Jeganmohan, IIT Madras
	Supervisor(s)	Prof. V. Rajesh Kumar
	Thesis Title	Iodine-Mediated Methodologies for the Synthesis of Benzo-β-Carbolines, Indole-Fused Benzothiazepines and Benzothiazoles
08	**Mr. Hussain Palagiri**	
	Department	**CE**
	Roll No.	**720022**
	Date of Viva-voce Examination	16.01.2026
	Foreign Examiner	Dr. Vijay P. Singh, Texas A&M University, USA
	Indian Examiner	Prof. Subimal Ghosh, IIT Bombay
	Supervisor(s)	Prof. Manali Pal
	Thesis Title	Characterization of Drought Propagation and Risk Through Satellite-Retrieved Soil Moisture Observations

09	**Ms. Madhavi Latha Chinta**	
	Department	**BT**
	Roll No.	717154
	Date of Viva-voce Examination	20.01.2026
	Foreign Examiner	Prof. Ajay Singh, University of Mississippi Medical Center, USA
	Indian Examiner	Prof. A. Gopala Krishna, IIT Madras
	Supervisor(s)	Prof. Parcha Srinivasa Rao
	Thesis Title	Design, Fabrication and Evaluation of Phytochemical- Modified Tamarind Seed Polysaccharide Based Composite Scaffolds for Cartilage Tissue Engineering
10	**Mr. Ayele Adane Ayila**	
	Department	**CE**
	Roll No.	719131
	Date of Viva-voce Examination	20.01.2026
	Foreign Examiner	Prof. Sai K. Vanapalli, University of Ottawa, Canada
	Indian Examiner	Prof. G.L. Sivakumar Babu, IISc Bengaluru
	Supervisor(s)	Prof. V. Ramana Murthy
	Thesis Title	Geotechnical Characterization of Weak Laterite Soil Stabilized by Non-Traditional Additive Mixes for Flexible Pavement
11	**Ms. P. Navya**	
	Department	**CS**
	Roll No.	23CSR1R03
	Date of Viva-voce Examination	21.01.2026
	Foreign Examiner	Prof. Sung-Bae Cho, Yonsei University, South Korea
	Indian Examiner	Prof. Saroj Kumar Meher, Indian Statistical Institute, Bengaluru Centre, Bengaluru
	Supervisor(s)	Prof. Sanjaya Kumar Panda, and Prof. Rashmi Ranjan Rout
	Thesis Title	Design of Multi-Attribute Decision-Making Algorithms for Handling Unavailable Data in Cloud Service Selection
12	**Mr. Ramay Patra**	
	Department	**CY**
	Roll No.	21CYFJ172
	Date of Viva-voce Examination	27.01.2026
	Foreign Examiner	Prof. Daniel J. Blackwood, National University of Singapore, Singapore
	Indian Examiner	Prof. Koushik Biswas, IIT Kharagpur
	Supervisor(s)	Prof. K. V. Gobi, and Dr. R. Subasri, Scientist G, ARCI Hyderabad

	Thesis Title	Investigation of Dual Functional Smart Nano-Composite Coatings for Corrosion Sensing and Corrosion Inhibition on Metallic Substrates
13	**Mr. Polu Sathish**	
	Department	**CE**
	Roll No.	701903
	Date of Viva-voce Examination	29.01.2026
	Foreign Examiner	Prof. Miyamori Yasunori, Hakkaido University, Japan
	Indian Examiner	Prof. Pabitra Ranjan Maiti, IIT (BHU) Varanasi
	Supervisor(s)	Prof. M.V.N. Sivakumar, and Prof. P. Rathish Kumar
	Thesis Title	Damage Classification and Detection in Structural Elements using Machine Learning Approach
14	**Mr. Vaddi Venkata Narayana**	
	Department	**EC**
	Roll No.	720058
	Date of Viva-voce Examination	05.01.2026
	Foreign Examiner	Prof. Justin Dauwels, TU Delft, Netherlands
	Indian Examiner	Prof. Rajesh M. Hegde, IIT Kanpur
	Supervisor(s)	Prof. Prakash Kodali
	Thesis Title	Development of Adaptive and Optimized Deep Learning Models for Epileptic Seizure Detection
15	**Ms. Elagandula Aparna**	
	Department	**EC**
	Roll No.	721058
	Date of Viva-voce Examination	10.02.2026
	Foreign Examiner	Prof. Rocca Paolo, University of Trento, Italy
	Indian Examiner	Prof. M.V. Kartikeyan, IIITDM Kancheepuram
	Supervisor(s)	Prof. Gopi Ram
	Thesis Title	Investigations on Substrate Integrated Waveguide Slot Antenna and Arrays for 5G Communication
16	**Mr. Avinash Sharma**	
	Department	**CY**
	Roll No.	21CYFJ175
	Date of Viva-voce Examination	11.02.2026
	Foreign Examiner	Prof. Yuichi Negishi, Tohoku University, Japan
	Indian Examiner	Prof. Debabrata Pradhan, IIT Kharagpur
	Supervisor(s)	Prof. Mukul Pradhan
	Thesis Title	Carbon and Its Composites with Metal Oxides for Energy Conversion and Storage Applications
	Mr. M. Ashok Kumar	
	Department	**CE**

17	Roll No.	21CEREP04
	Date of Viva-voce Examination	13.02.2026
	Foreign Examiner	Prof. Nadeem Ahsan Siddiqui, King Saud University, Saudi Arabia
	Indian Examiner	Prof. Anil Kumar Mishra, IIT Guwahati
	Supervisor(s)	Prof. Arif Ali Baig Moghal
	Thesis Title	Effect of Cross-Linked Biopolymer Inclusion on the Geotechnical Behaviour of Soils Exhibiting Different Plasticity Characteristics
18	**Mr. Alli Anil Kumar**	
	Department	**ME**
	Roll No.	701927
	Date of Viva-voce Examination	16.02.2026
	Foreign Examiner	Prof. Sarat Singamneni, Auckland University of Technology, New Zealand
	Indian Examiner	Prof. V. Venkateswara Rao, IIT Bombay
	Supervisor(s)	Prof. K. Madhu Murthy (Retd.)
	Thesis Title	Optimization of Injection Timing and Exhaust Gas Recirculation on Reactivity Controlled Compression Ignition Engine Characteristics Fueled with Compressed Natural Gas, Iso-Butanol, and Diesel Blends
19	**Ms. Palakurthi Ravali**	
	Department	**EE**
	Roll No.	22EER1R01
	Date of Viva-voce Examination	18.02.2026
	Foreign Examiner	Prof. Joseph Ojo, Tennessee Tech. University, USA
	Indian Examiner	Prof. Arun Kumar Verma, IIT Jammu
	Supervisor(s)	Prof. A. Kirubakaran
	Thesis Title	Development of Single-Phase Switched-Capacitor Based Five-Level Inverters for Grid-Tied Photovoltaic Applications
20	**Ms. Velisoju Swathi**	
	Department	**MA**
	Roll No.	22MAR1Q01
	Date of Viva-voce Examination	21.02.2026
	Foreign Examiner	Prof. Sreedhara Rao Gunakala, The University of the West Indies, Trinidad & Tobago
	Indian Examiner	Prof. Sanjay Kumar Pandey, IIT (BHU) Varanasi
	Supervisor(s)	Prof. J.V. Ramana Murthy
	Thesis Title	Analysis of Piezo Viscous Effects in an Annular Disk of a Squeeze Film
	Mr. Purnesh Singh Badavath	
	Department	**PH**

21	Roll No.	721100
	Date of Viva-voce Examination	02.03.2026
	Foreign Examiner	Prof. Shlomi Arnon, University of the Negev, Israel
	Indian Examiner	Prof. Balaji Srinivasan, IIT Madras
	Supervisor(s)	Prof. Vijay Kumar
	Thesis Title	Speckle Learned Structured Light Recognition in Spatial and Temporal Domains
22	**Mr. Chandukishore T.**	
	Department	**BT**
	Roll No.	21BTFJ143
	Date of Viva-voce Examination	05.03.2026
	Foreign Examiner	Prof. Roberto Parra Saldivar, Cranfield University, UK
	Indian Examiner	Prof. Senthilkumar Sivaprakasam, IIT Guwahati
	Supervisor(s)	Prof. Ashish A. Prabhu, and Prof. K. Narasimhulu
	Thesis Title	Metabolic Engineering of Yarrowia Lipolytica for Efficient Conversion of Valorised Food Waste into D-Lactic Acid
23	**Ms. Mustyala Sarika**	
	Department	**CS**
	Roll No.	23CSR1R02
	Date of Viva-voce Examination	05.03.2026
	Foreign Examiner	Prof. Daniel Wong, University of California, Riverside, USA
	Indian Examiner	Prof. Annavarapu Chandra Sekhara Rao, IIT (ISM) Dhanbad
	Supervisor(s)	Prof. Manjubala Bisi
	Thesis Title	Design of Effort Estimation Models for Software Project Development
24	**Ms. Kachu Anusha**	
	Department	**PH**
	Roll No.	21PYFJ162
	Date of Viva-voce Examination	05.03.2026
	Foreign Examiner	Prof. Sung Po Chao, National Kaohsiung University, Taiwan
	Indian Examiner	Prof. Manish Kumar Niranjan, IIT Hyderabad
	Supervisor(s)	Prof. Alu Boda
	Thesis Title	The Role of Spin-Orbit Interactions in Quantum Dots
25	**Mr. Ahmad Alothman**	
	Department	**CE**
	Roll No.	21CEIJ190
	Date of Viva-voce Examination	09.03.2026

	Foreign Examiner	Prof. Samad Sepasgozar, Sydney University of New South Wales, Australia
	Indian Examiner	Prof. Kumar Neeraj Jha, IIT Delhi
	Supervisor(s)	Prof. Aneetha V.
	Thesis Title	Development of Building Information Model Enabled Facility Management for Metro Rail Projects
26	**Mr. Jalli Ravi Prakash**	
	Department	**HS**
	Roll No.	**21MAFJ149**
	Date of Viva-voce Examination	10.03.2026
	Foreign Examiner	Prof. Zhongfeng Tian, Rutgers University, Newark, USA
	Indian Examiner	Prof. S.P. Dhanavel, IIT Madras
	Supervisor(s)	Prof. B. Spoorthi
	Thesis Title	Digital Game-Based Content and Language Integrated Learning (DGBCLIL): An Empirical Study on the Pedagogical Effectiveness of the Emergent Approach
27	**Ms. Pooja**	
	Department	**CY**
	Roll No.	**720111**
	Date of Viva-voce Examination	10.03.2026
	Foreign Examiner	Prof. Shota Ono, Muroran Institute of Technology, Japan
	Indian Examiner	Prof. Arnab Rit, IIT Madras
	Supervisor(s)	Prof. Ravinder Pawar, and Prof. Mukul Pradhan
	Thesis Title	Investigation of Methanol Oxidation Using Lanthanide (La, Nd and Pr)-Transition Metal (Ni, Cu and Zn) Mixed Oxides and Thorium Dopedmolybdenum Dichalcogenide Catalysts
28	**Ms. Battu Santhi**	
	Department	**MM**
	Roll No.	**719081**
	Date of Viva-voce Examination	12.03.2026
	Foreign Examiner	Prof. Koichi Tsuchiya, National Institute for Materials Science, Japan
	Indian Examiner	Prof. A. Upadhyaya, IIT Kanpur
	Supervisor(s)	Prof. Uma Maheswara Rao Seelam
	Thesis Title	Mechanical and Magnetic Properties of Phase Separated Bulk Metastable Cu-Fe ALLOYS Synthesized by Mechanical Alloying and Spark Plasma Sintering

29	**Mr. Sapavat Bixapathi**	
	Department	**MA**
	Roll No.	**21MAFJ149**
	Date of Viva-voce Examination	12.03.2026
	Foreign Examiner	Prof. Michael Proctor, King's College, Cambridge, UK
	Indian Examiner	Prof. Thirupathi Gudi, IISc Bengaluru
	Supervisor(s)	Prof. A. Benerji Babu
	Thesis Title	Stability Analysis of Rotating Thermosolutal Magneto-Convection Under External Field Modulation
30	**Mr. Vutla Sai Naga Kishore**	
	Department	**ME**
	Roll No.	**721045**
	Date of Viva-voce Examination	13.03.2026
	Foreign Examiner	Prof. Tinh Quoc Bui, Duy Tan University, Vietnam
	Indian Examiner	Prof. P. Seshu, IIT Bombay
	Supervisor(s)	Prof. Thamarai Selvan Vasu
	Thesis Title	A Study on Fracture Problems Using Meshless Methods
31	**Mr. Venkatesh Akula**	
	Department	**CS**
	Roll No.	**719089**
	Date of Viva-voce Examination	17.03.2026
	Foreign Examiner	Prof. Rajkumar Banoth, Computer Science College of AI, Cyber and Computing, USA
	Indian Examiner	Prof. Puneet Gupta, IIT Indore
	Supervisor(s)	Prof. Ilaiah Kavati
	Thesis Title	Human Violence Detection in Videos using Salient Frame Extraction and Hybrid Spatio-Temporal Feature Learning

The Senate noted the above results.

2026-149-Senate-6	**Results of Mr. D. Anil Kumar in ME6499: Dissertation Part B**

The duly constituted committee evaluated Mr. D. Anil Kumar, Roll No. 23MEM4R03, a part-time M.Tech Machine Design student in ME6499: Dissertation Part B, and submitted the results. The DAC (PG&R) of the Department of Mechanical Engineering reviewed and recommended his results in ME6499: Dissertation Part B to the Senate Postgraduate Committee (SPGC), and the results have been recommended for Senate approval.

The Senate approved the results of Mr. D. Anil Kumar in ME6499: Dissertation Part B.

2026-149-Senate-7	Results of Mr. Veggalam Prakash in NPTEL Course

Mr. Veggalam Prakash, Roll No. 24CER2P14, a part-time research scholar in the Department of Civil Engineering working under the supervision of Prof. G. Rajesh Kumar, has registered for an NPTEL course "Carbon Accounting and Sustainable Designs in Product Lifecycle Management (Course Code: NOC25-GE43)" during the Autumn Semester of A.Y. 2025–2026. Previously, the research scholar's results in this course were not submitted to the SPGC by the Department of Civil Engineering, and the results could not be recommended for Senate approval. Subsequently, the results were submitted to the SPGC and have been recommended for approval by the Senate.

The Senate approved the results of Mr. Veggalam Prakash in the NPTEL Course.

2026-149-Senate-8	Senate Nomination of Members to the Board of Governors

The Senate, in its 133rd meeting, nominated Prof. S.K.L.V. Sai Prakash, Associate Professor (EC), as a Member of the Board of Governors (BoG) with effect from June 1, 2024. The two-year term of Prof. S.K.L.V. Sai Prakash as a Member of the BoG completes on May 31, 2026. Thus, the Senate has to nominate a member from the Associate/Assistant Professor category to the BoG.

The Senate, in its 140th meeting, nominated the Search and Selection Committee comprising the following members to suggest the BoG members to the Senate:

1) *Prof. N.V.* Umamahesh, CE (Chairman)
2) Prof. A.K. Pradhan, IIT Kharagpur (Member)
3) Prof. V.V. Mani, EC (Member)
4) Prof. R.S. Selvaraj, MA (Member)
5) Prof. D. Kasinath, CY (Member)

It is proposed to replace the former External Senator, Prof. A.K. Pradhan (IIT Kharagpur), with three External Senators and to retain the other members of the Search and Selection Committee. The Search and Selection Committee comprises the following members:

1) *Prof. N.V.* Umamahesh, CE (Chairman)
2) Prof. Chandra Shekhar Sharma, IIT Hyderabad (Member)
3) Prof. Dipti Ranjan Sahoo, IIT Delhi (Member)

4) Prof. Rajni Singh, IIT (ISM) Dhanbad (Member)
5) Prof. V.V. Mani, EC (Member)
6) Prof. R.S. Selvaraj, MA (Member)
7) Prof. D. Kasinath, CY (Member)

The Senate approved the revised Search and Selection Committee and advised the committee to recommend three names in the Associate/Assistant Professor category to the Senate for nomination to the BoG. Further, the Senate authorized the Chairman of the Senate to choose one of the three names recommended by the Committee.

2026-149-Senate-9	**Curricula and Syllabi for New Academic Programs**

The Board of Governors, in its 75th meeting, approved starting the following new academic programs from Academic Year 2026-2027:

S. No.	Academic Program	Department(s)
1	B.Tech in Electrical and Electronics Engineering with Specialization in Electric Mobility	EE
2	M.Tech in Electric Vehicles	EE
3	M.Tech in Artificial Intelligence	CS
4	M.Tech in Quantum Technology	CS, EC, MA, MM, PH
5	M.A. in English Language and Literature	HS

The curricula and syllabi for all new academic programs should be available on the Institute website so that the prospective and newly admitted students can get an overview of the academic program.

The Senate advised the Heads of respective Departments (CS, EC, EE, HS, MA, MM, and PH) to submit the curricula and syllabi for the new academic programs to the Institute Curriculum Development and Monitoring Committee (ICDMC). The ICDMC will present its recommendations in the next Senate.

2026-149-Senate-10	**Qualifications for Admission to M.Tech in Quantum Technology**

The Board of Governors, in its 75th meeting, approved starting a new academic program, "M.Tech in Quantum Technology," effective from the Academic Year 2026-2027. The Department of Computer Science and Engineering, Department of Electronics and Communication Engineering, Department of Mathematics, Department of Metallurgical

and Materials Engineering, and Department of Physics jointly proposed the following qualifications for admission to the M.Tech in Quantum Technology Program:

B.Tech./ B.E. or equivalent degree in Computer Science and Engineering (Internet of Things)/ Data Science and Artificial Intelligence/ Computer Engineering (Software Engineering)/ Computer Science and Applied Mathematics/ Computer Science and Biosciences/ Computer Science and Design/ Computer Science and Business Systems/ Computer Science and Engineering (Cyber Security)/ Computer Science and Engineering (Artificial Intelligence)/ Computer Science and Engineering (Artificial Intelligence and Machine Learning)/ Computer Science and Engineering (Data Science)/ Computer Science and Engineering (Internet of Things and Cyber Security Including Block Chain Technology)/ Computer Science and Engineering (IoT)/ Computer Science and Engineering (Networks)/ Computer Science and Engineering and Business Systems/ Computer Science and Medical Engineering/ Computer Science and Social Sciences/ Cyber Physical Systems/ Artificial Intelligence (AI) and Data Science/ Artificial Intelligence and Machine Learning/ Information Technology and Mathematical Innovations/ Information Science and Technology/ Information Technology and Engineering/ Software Engineering/ Information and Communication Technology/ Information Engineering/ Information Science/ Information Science and Engineering/ Computer Engineering and Application/ Computer Networking/ Computer Science and Systems Engineering/ Computer Science and Technology/ Computing/ Computing in Multimedia/ Computing in Software/ Computer and Communication Engineering/ Information Technology/ Computer Engineering/ Computer Science/ Computer Science and Engineering/ Computer Science and Information Technology/ Computer Technology/ Electronics and Communication Engineering/ Electronics and Instrumentation Engineering/ Electronics and Telecommunication Engineering/ Electronics Engineering/ Applied Electronics and Telecommunication Engineering/ Electronics and Computer Engineering/ Electronics and Information Systems/ Electronics and Telematics Engineering/ Electronics Communication and Instrumentation Engineering/ Electronics Instrument and Control/ Electronics Science and Engineering/ Electronics Technology/ Applied Electronics and Instrumentation/ Electronics and Instrumentation/ Instrumentation and Electronics Engineering/ Electronics System Engineering/ Electronics and Communication Engineering (Communication Systems Design)/ Electronics and Communication Engineering (Electronics Systems Design)/ Applied Electronics and Communications Engineering/ Electronics and Computer Science/ Electronics and Telecommunication Engineering (Technologynician Electronic Radio)/ Electronics and Communication (Communication System Engineering)/ Electronics and Communication Technology/ Electronics and Telecommunication/ Electronics and Tele-Communication Engineering/ Electronics and Telecommunications Engineering/ Instrumentation and Electronics/ Engineering Physics/ Radio Physics and Electronics/ Optics and Optoelectronics/ Metallurgy and Materials Engineering.

(OR)

MCA.

Eligible GATE Papers and Codes: Computer Science and Information Technology (CS), Data Science and Artificial Intelligence (DA), Electronics and Communication Engineering (EC), Instrumentation Engineering (IN), Mathematics (MA), Metallurgical Engineering (MT), Physics (PH), and Statistics (ST).

The Senate approved the qualifications for admission to the M.Tech in Quantum Technology Program.

2026-149-Senate-11	**Qualifications for Admission to M.A. in English Language and Literature Program**

The Board of Governors, in its 75th meeting, approved starting a new self-financed academic program, "M.A. in English Language and Literature," effective from the Academic Year 2026-2027. The Department of Humanities and Social Science proposed the following qualifications for admission to the M.A. in English Language and Literature Program:

Candidates must hold a Bachelor's degree from a recognized university/institution in any one of the following disciplines:

- B.A. in English/Sociology/Psychology/History/Political Science.

(OR)

- B.Sc. in Mathematics/Physics/Chemistry/Computer Science.

(OR)

- B.Com.

(OR)

- B.Tech./B.E. in any discipline, and must have studied English as a subject at the undergraduate level.

The Senate approved the qualifications for admission to the M.A. in English Language and Literature Program.

2026-149-Senate-12	**Qualifications for Admission to: (i) M.Tech in Electric Vehicles, (ii) M.Tech in Artificial Intelligence, and (iii) M.Tech in Materials Science and Technology Programs**

The Board of Governors, in its 75th meeting, approved starting new M.Tech programs and revised the intake for some of the M.Tech Programs. The respective departments/ centres have proposed the following qualifications for these M.Tech programs:

S. No.	M.Tech Program	Qualifying Degrees
1	Electric Vehicles	B.Tech./ B.E. or equivalent degree in Electrical Engineering or Electrical and Electronics Engineering.
2	Artificial Intelligence	B.Tech./ B.E. or equivalent degree in Computer Science and Engineering (Internet of Things)/ Data Science and Artificial Intelligence/ Computer Engineering (Software Engineering)/ Cyber Physical Systems/ Computer Science and Social Sciences/ Computer Science and Medical Engineering/ Computer Science and Engineering and Business Systems/ Computer Science and Engineering (Networks)/ Computer Science and Engineering (IoT)/ Computer Science and Engineering (Internet of Things and Cyber Security Including Block Chain Technology)/ Computer Science and Engineering (Data Science)/ Computer Science and Engineering (Artificial Intelligence and Machine Learning)/ Computer Science and Engineering (Artificial Intelligence)/ Computer Science and Engineering (Cyber Security)/ Computer Science and Business Systems/ Computer Science and Design/ Computer Science and Biosciences/ Computer Science and Applied Mathematics/ Artificial Intelligence and Machine Learning/ Artificial Intelligence (AI) and Data Science/ Information Technology and Mathematical Innovations/ Information Technology and Engineering/ Information Science and Technology/ Software Engineering/ Information Science and Engineering/ Information Science/ Information Engineering/ Information and Communication Technology/ Computing in Software/ Computing in Multimedia/ Computing/ Computer Science and Technology/ Computer Science and Systems Engineering/ Computer Networking/ Computer Engineering and Application/ Computer and Communication Engineering/ Information Technology/ Computer Engineering/ Computer Science/ Computer Science and Engineering/ Computer Science and Information Technology/ Computer Technology/ Electrical and Electronics Engineering/ Electronics and Communication Engineering/ Electronics Engineering/ Electronics and Electrical Communication Engineering/ Electronics and Electrical Engineering/ Electronics and Power Engineering/ Electrical and Electronics (Power System)/ Electronics Technology/ Electrical and Electronics/ Electrical, Electronics and Power Engineering/ Electronics and Communication Engineering (Electronics Systems Design)/ Electronics and

		Communication (Communication System Engineering)/ Energy and Environmental Management/ Electronics and Communication Technology/ Electronics and Telecommunication/ Electronics and Tele-Communication Engineering/ Electronics and Telecommunications Engineering/ Electrical Engineering/ Electrical Engineering (Power)/ Electrical Power Engineering/ Electrical and Power Engineering/ Electronics and Computer Engineering/ Electrical and Computer Engineering. (OR) MCA
3	Materials Science and Technology	B.Tech./ B.E. or equivalent degree in Metallurgical Engineering/ Metallurgy/ Mechanical Engineering/ Metallurgical & Materials Engineering/ Nanotechnology/ Nanoscience and Technology/ Mineral Engineering/ Minerals Technology/ Production Engineering/ Industrial Engineering/ Aerospace Engineering/ Aeronautical Engineering/ Mechatronics/ Chemical Engineering/ Petroleum Engineering/ Ceramic Technology/ Ceramic Engineering/ Ceramic and Glass Technology/ Ceramic Engineering and Technology/ Renewable Energy/ Energy Engineering/ Energy Science and Engineering/ Energy and Environmental Management/ Solar and Alternate energy. (OR) M.Sc. in Physics/ Engineering Physics/ Chemistry/ Nanotechnology/ Nano Science and Technology/ Material Science and Material Technology.

The Senate approved the qualifications for admission to: (i) M.Tech in Electric Vehicles, (ii) M.Tech in Artificial Intelligence, and (iii) M.Tech in Materials Science and Technology Programs.

2026-149-Senate-13	**Department Specific Qualifications for Ph.D. Admissions**

The revised Department-specific qualifications for admission to the Ph.D. program received from various departments to be effective from the July 2026 Ph.D. admissions session are listed below:

S. No.	Department	Qualifications
1	MM	**B.Tech/B.E.** in Metallurgical & Materials Engineering/ Mechanical Engineering/ Production Engineering/ Automobile Engineering/ Aerospace Engineering/ Materials Engineering/ Mechatronics,

		with M.Tech in Metallurgical & Materials Engineering/ Mechanical Engineering or any other relevant specializations. (OR) **M.Sc.** in Physics/ Chemistry/ Materials Science/ Electronics/ Nanoscience and Nanotechnology **with M.Tech** in Materials Science/ Metallurgy/ Nanoscience and Nanotechnology/ Ceramic Engineering/ Surface Engineering. (OR) **B.Tech. or B.E. or equivalent degree** in Metallurgical & Materials Engineering/ Mechanical Engineering. (OR) **M.Sc.** in Physics/ Chemistry/ Materials Science/ Polymer/ Electronics/ Nanoscience and Nanotechnology/ Ceramic Engineering/ Surface Engineering and relevant area. (OR) **Undergraduate** in Engineering with 3 years of research experience in Materials Science and Engineering.
2	CH	**B.Tech/ B.E. or equivalent degree** in Chemical Engineering/ Mechanical Engineering/ Biotechnology/ Civil Engineering/ Food Technology/ Textile Engineering/ Metallurgy/ Petrochemical Engineering/ Petroleum Technology/ Nanotechnology/ Instrumentation and Control Engineering/ Electrical and Electronics Engineering/ Electrochemical Engineering/ Electronics and Communication Engineering/ Electronics and Instrumentation/ Chemical Technology/ Polymer Technology/ Biochemical Engineering/ Energy Engineering/ Environmental Engineering/ Agricultural Engineering and allied disciplines **with M.Tech. or M.E or M.S.** in Chemical Engineering/ Mechanical Engineering/ Biotechnology/ Petrochemical Engineering/ Petroleum Technology/ Process Control and Instrumentation/ Control Systems/ Control and instrumentation/ Control systems/ Control and Automation/ Electronics and Instrumentation/ Process Instrumentation/ Food Technology/ Textile Engineering/ Power Electronics/ Polymer Technology/ Biochemical Engineering/ Energy Engineering/ Nanotechnology/ Environmental Engineering and allied areas. (OR) **B.Tech/B.E. or equivalent degree** in Chemical Engineering/ Mechanical Engineering/ Biotechnology/ Civil Engineering/ Food Technology/ Textile Engineering/ Metallurgy/ Petrochemical Engineering/ Petroleum Technology/ Nanotechnology/ Instrumentation and Control Engineering/ Electrical and Electronics Engineering/ Electrochemical Engineering/ Electronics and Instrumentation/ Chemical Technology/ Polymer Technology/ Biochemical Engineering/ Energy Engineering/

		Environmental Engineering/ Agricultural Engineering and allied areas. (OR) **M.Sc/M.Sc (Tech)** in Physics/ Chemistry/ Mathematics/ Material Science/ Environmental Science/ Polymer Science/ Biotechnology/ Microbiology/ Nanotechnology/ Food Technology/ Agriculture/ Instrumentation/ Electronics and Instrumentation and allied areas. (OR) **M.Pharm./ Pharm. D.**
3	CD	**B.Tech/ B.E.** in Mathematics and Computing/ Computer Science and Engineering/ Information Technology/ Artificial Intelligence and Data Science **with M.Tech/ M.E. or equivalent degree** in Mathematics and Computing/ Computer Science and Engineering/ Information Technology/ Artificial Intelligence and Data Science/ Software Engineering. (OR) **MCA.** (OR) **M.Sc. or equivalent degree** in Computer Science **with M.Tech/M.E. or equivalent degree** in Mathematics and Computing/ Computer Science and Engineering/ Information Technology/ Artificial Intelligence and Data Science/ Software Engineering. (OR) **B.Tech/ B.E.** in Mathematics and Computing/ Computer Science and Engineering/ Information Technology/ Artificial Intelligence and Data Science.
4	MA	**B.Sc. and M.Sc./ Integrated M.Sc.** in Mathematics/ Statistics or equivalent. (OR) **B.Tech** in Mathematics & Computing. (OR) **B.Tech/ B.E.** in any branch and M.Sc. in Mathematics/ Statistics or equivalent.
5	CY	**B.Sc./ B.S.** with Chemistry and **M.Sc./ M.S./ Int. M.Sc./ B.S.-M.S.** in Chemistry. (OR) **B.Pharm** and **M.Pharm.** (OR) **M.Tech** in Materials Science/ Nanotechnology/ Industrial Chemistry/ Polymer Science or any equivalent specialization.

The Senate approved the department-specific qualifications for admission to the Ph.D. program.

2026-149-Senate-14	**Revised Guidelines for Admission to Part-Time Ph.D.**

The Admissions Team proposed the following modifications for admission to the part-time Ph.D. program to be effective from the July 2026 Ph.D. admissions session:

a) For all categories of part-time research scholars, the existing requirement of five years of experience for candidates with an undergraduate qualification and four years for candidates with a postgraduate qualification may be reviewed and relaxed to three years for candidates with an undergraduate qualification and two years for candidates with a postgraduate qualification.
b) A relieving certificate is not required for part-time research scholars. However, it is mandatory to submit a No Objection Certificate from the current employer.
c) An exemption from the written entrance test may be considered for all categories of part-time candidates. The selection will be based solely on interviews for all categories of part-time candidates.
d) The existing residential requirement for all categories of part-time candidates may be reviewed and aligned with the Executive Ph.D. program model, wherein the research scholar can undergo online courses recommended by the DSC as part of the prescribed coursework requirements.

The RPEC forwarded the above proposal to the Senate for further deliberations and recommendations.

The Senate approved the revised guidelines proposed by the Admissions Team for admission to the part-time Ph.D. program, effective from the July 2026 Ph.D. admissions session. However, the Senate declined to exempt the written test.

2026-149-Senate-15	**Modifications in the Academic Regulations of the Ph.D. Program to Relax the Journal Publication Requirement Within Three Years of Registration**

As per the 2021 and 2024 Ph.D. program academic regulations, one journal publication (acceptance) within 3 years of registration is mandatory to continue the enhanced fellowship after 3 years. The enhanced fellowship will be restored from the date of publication (acceptance). The Senate, in its 147th meeting, approved restoring the enhanced fellowship from the date of manuscript submission, resulting in successful

publication (acceptance). It is proposed to relax the journal publication (acceptance) requirement within 3 years of registration. The research scholar will continue to receive the enhanced fellowship even without a journal publication (acceptance) for the eligible duration. However, the existing publication requirement before the pre-synopsis seminar will remain in effect.

The Senate approved the above modifications to the Ph.D. academic regulations, applicable only to students admitted from the Academic Year 2026-2027 onwards.

2026-149-Senate-16	**Modifications in the Academic Regulations of the Ph.D. Program to Relax the Requirement of Journal Publication with Research Scholar as the First Author for Journals that Mandate Listing of the Authors in Alphabetical Order**

The Ph.D. program academic regulations require a specific number and type of journal publications, depending on the Department, with the research scholar as the first author. The Department of Mathematics has submitted a proposal stating that certain journals require authors to be listed in alphabetical order. Even if a research scholar publishes in high-quality journals, those publications do not count toward the publication requirement for the pre-synopsis seminar unless the scholar is the first author. It is proposed to relax the requirement of journal publication with a research scholar as the first author only for journals that mandate alphabetical author listing. The DSC recommendations must be submitted for all such claims, accompanied by documentary evidence from either the journal's publisher or its webpage.

The Senate referred the proposal to the RPEC for its recommendations and authorized the Chairman of the Senate to take a decision.

2026-149-Senate-17	**Proposal to Introduce New Professional Elective Courses by the Department of Electrical Engineering**

The Department of Electrical Engineering has submitted a proposal to introduce the following new professional elective courses effective from the Autumn Semester of the Academic Year 2026-2027:

- EE1331: Energy Analytics [Professional Elective I for B.Tech Electrical and Electronics Engineering]
- EE1332: Electric Vehicle Battery Management System [Professional Electives II and III for B.Tech Electrical and Electronics Engineering]
- EE1429: Quantum Computing Techniques in Electrical Engineering [Professional Electives IV and V for B.Tech Electrical and Electronics Engineering]
- EE16036: Wireless Power Transfer Systems [Professional Elective V for M.Tech Power Electronics and Drives]
- EE26040: Quantum Computing for Power System Applications [Professional Elective IV for M.Tech Power Systems Engineering]
- EE36032: Artificial Intelligence for Smart Energy Systems and Markets [Professional Elective V for M.Tech Smart Electric Grid]

The proposal has been recommended by the Chairperson of the Institute Curriculum Development and Monitoring Committee (ICDMC).

The Senate approved the new professional elective courses proposed by the Department of Electrical Engineering.

2026-149-Senate-18	**Introduction of Sustainability and Ethics as a Fractal Course in the B.Tech Curriculum**

A sustainability and ethics course is critical for equipping future engineers with the skills to make responsible decisions that balance technical progress with environmental protection and social welfare. Such a course fosters long-term thinking, ensuring that engineering solutions adhere to ethical standards and address future needs. It is proposed to introduce Sustainability and Ethics as a fractal course to B.Tech students. A committee may be constituted to develop the syllabus for this course, enabling its offering as a fractal course to B.Tech students, effective from Academic Year 2026-2027.

The Senate advised the Institute Curriculum Development and Monitoring Committee to develop the syllabus for the Course on Sustainability and Ethics, which will be included as a Fractal Course in the B.Tech Curriculum.

2026-149-Senate-19	**Allotment of Supervisor to M.Tech students in the 1st Semester**

The allotment of a supervisor to the M.Tech students is usually done either at the end of the 2nd semester or at the beginning of the 3rd semester. Similar to the Ph.D. program, it is proposed to complete the supervisor allotment to M.Tech students at the beginning of the 1st semester, so that students can establish a solid foundation for research in the 1st and 2nd semesters and remain continuously aligned with program expectations. Furthermore, the supervisor can identify gaps in the student's background knowledge and recommend relevant courses or training, which, in turn, support their professional development.

The Senate approved the above proposal.

2026-149-Senate-20	**Utilizing the Facilities at the Centre of Excellence for Digital Manufacturing and Automation by B.Tech, M.Tech, and Ph.D. Students**

The Centre of Excellence for Digital Manufacturing and Automation (CoE-DMA) houses cutting-edge machinery and sophisticated software tools. It is proposed to permit B.Tech, M.Tech, and Ph.D. students to use the facilities for their academic laboratory classes and to conduct their research with support from the technical staff and under the supervision of the associated faculty members. As the Centre actively engages with industry, academia, and government agencies, providing access to the CoE-DMA's facilities can enhance students' skills and employment opportunities while also generating significant research contributions through publications and projects.

The Senate approved the above proposal. Further, the Heads of ME, EE, EC, and CS are advised to submit a proposal to the ICDMC for the inclusion of laboratory courses.

2026-149-Senate-21	**Joint M.Tech Program in Engineering Structures in Collaboration with the Leipzig University of Applied Sciences, Germany**

The Department of Civil Engineering proposed starting a joint M.Tech program in collaboration with Leipzig University of Applied Sciences, Germany (Hochschule für Technik, Wirtschaft und Kultur Leipzig, HTWK Leipzig). The Department of Civil

Engineering proposes to sign a Memorandum of Understanding (MoU) with HTWK Leipzig.

The Senate approved the above proposal.

2026-149-Senate-22	**Collaboration with Micron Technology Operations India LLP**

The Institute has signed an MoU with Micron Technology Operations India LLP. As part of this MoU, the Institute and Micron intend to pursue a range of activities, projects, programs, collaborations, and initiatives. The collaboration details with Micron Technology Operations India LLP are presented to the Senate for information.

The Senate noted the above development.

2026-149-Senate-23	**External Academic Review of Undergraduate and Postgraduate Programs, and Research Review of all Departments**

The Institute conducted an academic review of all undergraduate and postgraduate programs and a research review of all departments, inviting external experts from academia and industry. The committee comprised four external experts, including an Indian industry expert, two Indian academic experts, and a foreign academic expert, in addition to the Director's nominee. All the Indian experts participated in the review process in person for two days, whereas the foreign expert participated online. Each committee has submitted its academic review report on the undergraduate and postgraduate programs of the department, and a research review report.

The external academic and research review details are presented to the Senate for information. The Senate advised the Dean (Academic) to submit a consolidated report on the external academic and research review to the Senate in the next meeting.

2026-149-Senate-24	**Curriculum and Syllabi of M.Tech in Materials Science and Technology Program**

The Departmental Curriculum Development Committee has developed a detailed curriculum and syllabi for M.Tech in Materials Science and Technology offered by the Centre for Materials Science and Technology. The Institute Curriculum Development and

Monitoring Committee recommended the curriculum and syllabi. It is proposed to implement the revised curriculum and syllabi for the M.Tech in Materials Science and Technology program, with effect from Academic Year 2026-2027. The Head of the Centre for Materials Science and Technology has presented the curriculum for the M.Tech in Materials Science and Technology program to the Senate.

The Senate approved the curriculum and syllabi of M.Tech in Materials Science and Technology.

2026-149-Senate-25	**Any Other Item with the Permission of the Chair**

No item discussed.

The meeting ended with thanks to the Chair.

21.05.2026

Sri. Sunil Kumar Mehta
Registrar and Secretary

Prof. Venkaiah Chowdary
Dean (Academic) 21/05/2026

21/5/26

Prof. Bidyadhar Subudhi
Director and Chairman