राष्ट्रीय प्रौद्योगिकी संस्थान वरंगल

National Institute of Technology Warangal

Hanumakonda, Warangal-506004, Telangana

Senate Minutes

Meeting No.:	147
Date:	22nd October 2025
Time	15:00 hours
Venue:	Senate Hall

Minutes of 147th Meeting of the Senate held on 22nd October 2025

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. Asit Kumar Khanra (MM)
8 Prof. B.L. Narasimha Raju (EE)
9 Prof. Ch. Sudhakar (CS)
10 Prof. Ch. Venkaiah (EE)
11 Prof. Chandra Shekhar Sharma, IIT Hyd
12 Prof. D. Kasinath (CY)
13 Prof. D. Ramaseshu (CE)
14 Prof. D. Vakula (EC)
15 Prof. D.V.S.S. Siva Sarma (EE)
16 Prof. Debashis Dutta (MA)
17 Prof. Dipti Ranjan Sahoo, IIT Delhi
18 Prof. Divi Haranath (PH)
19 Prof. G. Amba Prasad Rao (ME)
20 Prof. G. Nagasrinivasulu (ME)
21 Prof. Hari Ponnamma Rani (MA)
22 Prof. J.V. Ramana Murthy (MA)
23 Prof. K. Anand Kishore (CH)
24 Prof. K. Kiran Kumar (ME)
25 Prof. K. Madhavi (HS)
26 Prof. K. Narasimhulu (BT)
27 Prof. K. Thangaraju (PH)
28 Prof. K. Venkata Reddy (CE)
29 Prof. K.V. Sai Srinadh (ME)
30 Prof. K.N.S. Kasiviswanadham (MA)
31 Prof. L. Anjaneyulu (EC)
32 Prof. M. Chandrasekhar (CE)
33 Prof. M. Heera Lal (CE)
39 Prof. N. Viswanathan (EE)
40 Prof. N.V. Umamahesh (CE)
41 Prof. P. Abdul Azeem (PH)
42 Prof. P. Hari Prasada Reddy (CE)
43 Prof. P. Muthu (MA)
44 Prof. P. Ratish Kumar (CE)
45 Prof. P. Ravi Kumar (SA)
46 Prof. P. Sreehari Rao (EC)
47 Prof. P. Sreenivasa Rao (BT)
48 Prof. P. Syam Prasad (PH)
49 Prof. P. Venkata Sri Laxmi (CY)
50 Prof. P. Venkata Suresh (CH)
51 Prof. P. Venkateswara Rao (CE)
52 Prof. Pisipati Radha Krishna (CS)
53 Prof. R. Narasimha Rao (ME)
54 Prof. R. Padmavathy (CS)
55 Prof. R. S. Selvaraj (MA)
56 Prof. R. Satish Babu (BT)
57 Prof. R.B.V. Subrahmanyam (CS)
58 Prof. Rajni Singh, IIT (ISM) Dhanbad
59 Prof. Rashmi Ranjan Rout (CS)
60 Prof. Ravi Kumar Jatoth (EC)
61 Prof. S. Anuradha (EC)
62 Prof. S. Ravichandra (CS)
63 Prof. S. Srinivasa Rao (EE)
64 Prof. S. Venkateswara Rao (CE)
65 Prof. Sourabh Roy (PH)
66 Prof. Srikanth Korla (ME)
67 Prof. T. Kishore Kumar (EC)
68 Prof. T. Venkatappa Rao (PH)
69 Prof. T.D. Gunneswara Rao (CE)
70 Prof. V. Hari Kumar (ME)
71 Prof. V. Ramana Murthy (CE)

34 Prof. M. Sailaja Kumari (EE)
35 Prof. Mahesh Kumar Talari (MM)
36 Prof. N. Bheema Rao (EC)
37 Prof. N. Kishore Babu (MM)
38 Prof. N. Narasaiah (MM)
72 Prof. V.P. Chandra Mohan (ME)
73 Prof. Vangapandu Rama Devi (MS)
74 Prof. Venkaiah Chowdary (CE)
75 Prof. Venkatathri Narayanan (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. Sunitha G. (Head, MS)
5 Prof. D. Bhargavi (Assoc. Dean, Acad-PG)
6 Prof. K.V.R. Ravi Shankar (Assoc. Dean, ARP)
7 Prof. Syed Ismail (Assoc. Dean, Acad-UG)
8 Prof. G. Siva Kumar (PIC, Exams)
9 Sri. Md. Habeeb Khan (DR, Academic)

The following members could not attend the meeting:

1 Prof. A. Veeresh Babu (ME)
2 Prof. B. Lakshmi (EC)
3 Prof. B. Sathish Ben (ME)
4 Prof. C. Vanitha (MM)
5 Prof. D. Jayakrishna (ME)
6 Prof. D. Srinivasa Charya (MA)
7 Prof. G. Rajesh Kumar (CE)
8 Prof. G.V.S. Nageswara Rao (MM)
9 Prof. K.V. Gobi (CY)
10 Prof. L. Krishnanand (ME)
11 Prof. M. Joseph Davidson (ME)
12 Prof. N. Selvaraj (ME)
13 Prof. N.V. Srikanth (EE)
14 Prof. N.V.S.N. Sarma (EC)
15 Prof. P. Bangaru Babu (ME)
16 Prof. P. Hari Krishna (CE)
17 Prof. P. Ramlal (MS)
18 Prof. P. Subhash Chandra Bose (ME)
19 Prof. P. Vamsi Krishna (ME)
20 Prof. Puli Ravi Kumar (ME)
21 Prof. S. Srinath (CH)
22 Prof. S. Srinivasa Rao (ME)
23 Prof. Sonawane Shirish Hari (CH)
24 Prof. V. Rajesh Khana Raju (ME)
25 Prof. V. Suresh Babu (ME)
26 Prof. V. Venkata Mani (EC)
27 Prof. V.T. Somasekhar (EE)
28 Prof. Vishnu Shanker (CY)
29 Prof. Santhosh P. (Head, CY)

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]

2025-147-Senate-1.1	**Registration of Mr. Mudavath Jagan in the 1st Semester of B.Tech Computer Science and Engineering**

Mr. Mudavath Jagan, Roll No. 24CSB1A40, a B.Tech student in the Department of Computer Science and Engineering, received a 'U' grade in five courses and an 'R' grade in one course in his 1st Semester during Academic Year 2024-2025. He has not registered for the 2nd Semester due to psychological distress resulting from his inability to clear multiple courses in the 1st Semester, and has not taken approval for a semester break on health grounds. Subsequently, he has attempted the JEE (Main), but it did not meet his expectations. He requested the Chairman of the Senate to permit him to register for the 1st Semester. The Chairman of the Senate has approved his request, subject to the submission of an undertaking by the student and parents, with willingness to start fresh from the 1st Semester.

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

2025-147-Senate-1.2	**Registration of Mr. Baka Karan in the 1st Semester of B.Tech Mechanical Engineering**

Mr. Baka Karan, Roll No. 22MEB0A64, a B.Tech student in the Department of Mechanical Engineering, did not meet the promotion criteria and was not promoted to the second year during the Academic Year 2023-2024 due to 12 backlog courses in the first year, including an 'R' grade in eight courses of 2nd Semester and a 'F' grade in four courses, three of these 'F' grades are in the 1st Semester and one 'F' grade in the 2nd Semester. He has not registered for the Autumn Semester and registered only for the Spring Semester in the Academic Year 2023-2024. However, he could not clear any of the 2nd Semester courses, even in the Academic Year 2023-2024.

According to the Academic Regulations – 2021, to register for the 3rd Semester, a student should have completed at least 22 credits with a 'P' or better grade at the end of the 2nd Semester, including the induction program. However, according to the revised promotion rules of the Academic Regulations – 2021, a student with a CGPA below 4.0 will be placed on slow-paced learning, wherein the student has to first register for backlog courses in study mode and remaining from the courses offered in the next semester, so that maximum credit registration does not exceed 22.

In the Academic Year 2024-2025, Mr. Baka Karan has registered for both the Autumn and Spring Semesters, taking a mix of first- and second-year courses. However, he could not clear any of the registered courses in the Academic Year 2024-2025, and received 'R' grades in the majority of the courses due to his health issues, as he has been suffering from Tuberculosis. After his treatment, he made a request to the Chairman of the Senate to permit him to register for the 1st Semester, considering his multiple backlog courses and a revision in the curriculum. The Chairman of the Senate has approved the request made by the student, subject to the submission of an undertaking by the student and parents, with willingness to start fresh from the 1st Semester in the new curriculum.

The Senate ratified the decision of the Chairman of the Senate. The maximum duration for complying with the Degree requirements for Mr. Baka Karan is eight academic years effective from Academic Year 2025-2026.

2025-147-Senate-1.3	**Temporary Break in Ph.D. for Mr. Venugopala Reddy Tamma**

Mr. Venugopala Reddy Tamma, Roll No. 718115, a part-time research scholar in the Department of Civil Engineering, has completed 12 semesters as of December 2024. He could not register for the 13th Semester in December 2024 due to his personal commitments. He has requested a one-semester temporary break in his Ph.D. program from January to June 2025, as well as permission to register for the 14th Semester in July 2025. The DSC of the Scholar has recommended a one-semester break and permission to register for the 14th Semester in July 2025. The Chairman of the Senate has approved the recommendations of the DSC.

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

2025-147-Senate-1.4	**Temporary Break in Ph.D. for Mr. Murukessan A.P.**

Mr. Murukessan A.P., Roll No. 701955, a full-time research scholar in the Department of Computer Science and Engineering, has completed 10 semesters as of December 2024. He could not register for the 11th Semester in December 2024 due to his health and personal problems. He has requested a one-semester temporary break in his Ph.D. program from January to June 2025, as well as permission to register for the 12th Semester in July 2025. The DSC of the Scholar has recommended a one-semester break and permission to register

for the 12th Semester in July 2025. The Chairman of the Senate has approved the recommendations of the DSC.

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

2025-147-Senate-1.5	**Consideration of the Coursework Completed by Mr. Prashanth Mandha, a Part-Time Research Scholar Admitted to Full-Time Ph.D. (Project)**

Mr. Prashanth Mandha, Roll No. 24CSR1P38, a part-time research scholar in the Department of Computer Science and Engineering, was admitted to full-time Ph.D. (Project) with Roll No. 25CSR1R05 through the regular Ph.D. admission process. He has completed the coursework when he was a part-time research scholar during the Autumn Semester of the Academic Year 2024-2025. The DSC of the Scholar has recommended that the coursework already completed by the research scholar be carried forward.

The Senate approved the recommendations of the DSC to consider the completed coursework.

2025-147-Senate-1.6	**Comprehensive Examination during 4th Semester for Ms. Pallabi Banerjee**

Ms. Pallabi Banerjee, Roll No. 24BTR1R06, a full-time research scholar in the Department of Biotechnology, was unable to appear for the comprehensive examination in her 3rd Semester, i.e., Autumn Semester of Academic Year 2025-2026, as she is availing maternity leave from August 4, 2025, to January 30, 2026. She has requested to appear for the comprehensive examination in her 4th Semester. The DSC of the Scholar has recommended to complete the comprehensive examination in the 4th Semester, i.e., during February to June 2026.

The Senate approved the recommendations of the DSC, and the research scholar is permitted to appear for the comprehensive examination in the 4th Semester.

2025-147-Senate-1.7	**Change of Supervisor for Ms. Smaraki Bhaktisudha**

Ms. Smaraki Bhaktisudha, Roll No. 24CSR1R01, a full-time research scholar in the Department of Computer Science and Engineering has completed two semesters and her supervisor, Prof. Tapan Kumar Sahoo has resigned from the Institute. The DSC of the research scholar has recommended Prof. Sanjaya Kumar Panda as the new supervisor.

The Senate approved the recommendations of the DSC for the change of the supervisor. Prof. Sanjaya Kumar Panda will be the new supervisor for Ms. Smaraki Bhaktisudha.

2025-147-Senate-1.8	**Consideration of Mr. M. Rakesh (JRF under Project RS-24026) for Admission to Ph.D. (Project)**

Mr. M. Rakesh, a JRF under Project RS-24026, was selected for admission to Ph.D. in the July 2025 Phase I session. However, his selection was withheld because he holds a B.Tech degree in Electronics and Communication Engineering and an M.Tech in Information Technology. The eligibility criteria for admission to Ph.D. in Computer Science and Engineering is B.Tech in Computer Science and Engineering and M.Tech in Computer Science and Engineering or equivalent. The Chairman of the Senate has referred it to a Committee. The Committee observed that the candidate has been working in the field of computer networks and information security and has significant exposure to hardware and software security analysis, which is essential for the ongoing research project for which he has applied for Ph.D. admission. The Committee therefore recommended his admission to Ph.D. (Project) in the Department of Computer Science and Engineering, effective from the July 2025 session.

The Senate approved the recommendations of the Committee for allowing enrolment of Mr. M. Rakesh to the Ph.D. (Project) effective from the July 2025 session.

2025-147-Senate-1.9	**Conversion from Full-Time to Part-Time of the Studentship of Mr. V. Manohar Reddy**

Mr. V. Manohar Reddy, Roll No. 721007, a full-time research scholar in the Department of Civil Engineering, has requested to convert his registration to part-time, as he has secured a job. He has completed 9 semesters and completed pre-synopsis seminar. The DSC of the research scholar has recommended conversion from full-time to part-time PhD studentship.

The Senate approved the recommendation of the DSC for converting full-time PhD studentship to part-time.

2025-147-Senate-1.10	**Termination of Admission of Mr. Shashikumar Reddy A.**

Mr. Shashikumar Reddy A., Roll No. 25MSR1P01, a part-time research scholar in the Department of Management Studies, was admitted to the Ph.D. program in the July 2025

session. Based on the recommendations of the Internal Complaints Committee and approval of the Chairman of the Senate, the admission of Mr. Shashikumar Reddy A. was terminated on October 16, 2025.

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

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

2025-147-Senate-2	Action Taken Report on the Decisions Taken in 146th Senate Meeting

2025-146-Senate-01.01	Registration of Mr. Banoth Bharath Kumar in the 1st Semester of B.Tech Electrical and Electronics Engineering.	The student has registered for his 1st Semester in the Autumn Semester of the Academic Year 2025-2026.
2025-146-Senate-01.02	Conversion from JRF/SRF to Institute fellowship of: (i) Mr. Kompala Muni Pavan, (ii) Mr. Vikas Mahendra Sharma, (iii) Mr. M. Manoj Kumar, and (iv) Mr. K.A.K. Durga Prasad.	All the four research scholars have been converted from JRF/SRF to Institute fellowship, and relevant orders have been released.
2025-146-Senate-01.03	Semester Registration and Comprehensive Examination during 5th Semester for Ms. Anantoju Sravanthi.	The student has registered for the 5th semester in the Autumn Semester of Academic Year 2025-2026. The recommendation of the comprehensive examination board is awaited.
2025-146-Senate-01.04	Conversion from full-time to part-time of the studentship of Ms. Bhukya Mounika.	The studentship has been converted from full-time to part-time, and an order has been released.
2025-146-Senate-01.05	Change of supervisor for Mr. Ravinder Daravath.	Prof. Anjaiah Sheelam (CY) is the new supervisor, and Prof. Ravinder Pawar (CY) is the co-supervisor for the research scholar. A new DSC has been constituted.
2025-146-Senate-01.06	Change of co-supervisor for Mr. Sankalp Tripathi.	Prof. Manohar Kakunuri (CH) is the new co-supervisor for the research scholar. A new DSC has been constituted.
2025-146-Senate-01.07	Comprehensive examination during 17th semester for Mr. Anil Narsinharao Terkar.	The recommendation of the comprehensive examination board is awaited.
2025-146-Senate-01.08	Conversion from full-time to part-time of the studentship of Mr. Mood Harish and inclusion of co-supervisor.	The studentship has been converted from full-time to part-time, and an order has been released. Prof. A. Veeresh Babu (ME) is included as the

		co-supervisor, and the DSC has been reconstituted.
2025-146-Senate-01.09	Conversion from full-time to part-time of the studentship of Ms. K. Manjula.	The studentship has been converted from full-time to part-time, and an order has been released.
2025-146-Senate-01.10	Temporary break in Ph.D. for Mr. G. Rajesh	An order for a temporary break in Ph.D. has been released.
2025-146-Senate-01.11	Temporary break in Ph.D. for Ms. Amala J.	An order for a temporary break in Ph.D. has been released.
2025-146-Senate-01.12	Age relaxation to full-time (self-finance) and full-time (project, JRF/SRF) researcher scholars applying for full-time Ph.D. with Institute fellowship.	The Ph.D. regulations have been updated accordingly.
2025-146-Senate-01.13	Consideration of coursework and comprehensive examination completed by full-time (self-finance) research scholars admitted to full-time Ph.D. with Institute fellowship.	Noted.
2025-146-Senate-01.14	Consideration of coursework completed by Mr. Rakesh Kumar Singh prior to re-admission.	Noted.
2025-146-Senate-01.15	Nomination of student representatives to the Senate.	Noted.
2025-146-Senate-02	Action taken report on the decisions taken in the 145th Senate meeting.	Noted.
2025-146-Senate-03	Nomination of external members to the Senate.	Noted.
2025-146-Senate-04	Academic rank certificates to passed-out B.Tech students.	The guidelines have been uploaded to the Institute website.
2025-146-Senate-05	Inclusion of an elective course PH17025: Linear Integrated Circuit Applications in the 9th semester of Integrated M.Sc. (Physics) Program.	The updated curriculum has been uploaded to the Institute website.
2025-146-Senate-06	Confirmation of the minutes of the 145th Senate meeting.	The minutes of the 145th Senate meeting, confirmed by the Senate, have been uploaded to the Institute website.
2025-146-Senate-07	Inclusion of an elective course ME16028: Conduction and Radiation Heat Transfer in the	The updated curriculum has been uploaded to the Institute website.

	2nd semester of M.Tech (Automobile Engineering).	
2025-146-Senate-08	Correction in the 144th Senate minutes uploaded to the Institute website.	The corrected minutes of the 144th Senate meeting have been uploaded to the Institute website.
2025-146-Senate-09	Academic calendar for the Autumn semester of AY 2025-2026 applicable to newly admitted undergraduate students.	The academic calendar has been uploaded to the Institute website.
2025-146-Senate-10	Results of Ph.D. Viva-Voce Examination.	Noted.
2025-146-Senate-11	CGPA conversion from 10-point scale to other scales.	The guidelines have been uploaded to the Institute website.
2025-146-Senate-12	Award of honorary D.Sc. degrees and honorary Ph.D. degrees.	Noted.
2025-146-Senate-13	Integration of 2-credit skill enhancement course in disaster management at undergraduate level.	The establishment of the disaster risk reduction club is in process.
2025-146-Senate-14	Any other Item with the permission of the Chair 12.1) Review of admissions to various M.Tech specializations. 12.2) New M.Tech specialization in Quantum Computing. 12.3) Review of Ph.D. admissions.	12.1) The recommendations submitted by the committee have been presented in the 147th Senate. 12.2) Awaiting receipt of curriculum and syllabi from PH, CS, MA, and EC. 12.3) Awaiting receipt of the recommendations from the committee.

The Senate noted the action taken report.

2025-147-Senate-3	**Modifications in the Academic Regulations of the Ph.D. Program**

As per the academic regulations 2021 and 2024 of the Ph.D. program, one journal publication (acceptance) within 3 years from the date of registration is mandatory for continuing the enhanced fellowship after 3 years. The enhanced fellowship will be restored from the date of publication (acceptance). Based on the recommendation of the Research Progress Evaluation Committee (RPEC), the Chairman of the Senate has approved restoring the enhanced fellowship from the date of submission of the manuscript, resulting in successful publication (acceptance).

The Senate ratified the decision of the Chairman of the Senate and authorized the Dean (Academic) to modify the academic regulations – 2021 and 2024 of the Ph.D. program accordingly.

2025-147-Senate-4	**Introducing a New Unit on Standardization in the Design Thinking Course Offered to B.Tech and Dual Degree Students**

The Institute has signed a Memorandum of Understanding (MoU) with the Bureau of Indian Standards (BIS) on January 6, 2025. As part of this MoU, the Coordinator for BIS at the Institute, Prof. P. Rathish Kumar, has proposed adding a new unit on Standardization to the course on Design Thinking, which is offered to all the B.Tech students either in their 1st or 2nd Semesters. The Chairman of the Senate has approved adding the new unit on Standardization to the course on Design Thinking offered to all the B.Tech and Dual Degree students to be effective from the Academic Year 2025-2026.

The Senate ratified the decision of the Chairman of the Senate and authorized the Dean (Academic) to modify the Syllabus for the Course on Design Thinking applicable to all the B.Tech and Dual Degree Programs.

2025-147-Senate-5	**Rescheduling the Mid-Semester Examinations for 1st Semester B.Tech, 1st Semester B.Sc. B.Ed., and 1st Semester Integrated M.Sc. Students**

According to the Academic Calendar, the mid-semester examinations for 1st Semester B.Tech, 1st Semester B.Sc. B.Ed., and 1st Semester Integrated M.Sc. Students are scheduled from October 13 to 17, 2025 (Monday to Friday). The mathematics course is common for all B.Tech students, and due to shortage of classrooms to conduct mid-semester examinations on regular working days due to scheduled classwork for 2nd to 4th Semester B.Tech students, it is proposed to conduct the mathematics mid-semester examination on Saturday, October 18, 2025, as there is no classwork for 2nd to 4th Semester B.Tech students on Saturday. Thus, it is proposed that mid-semester examinations be rescheduled and will be conducted from October 14 to 18, 2025 (Tuesday to Saturday).

In view of the above change and to compensate for the total classwork days for Mondays and Thursdays, the existing Academic Calendar for two days has to be modified as follows:

- Monday Timetable to be followed on October 13, 2025, and
- Thursday Timetable to be followed on November 22, 2025.

The Chairman of the Senate has approved the above changes to the Academic Calendar as applicable to 1st Semester B.Tech, 1st Semester B.Sc. B.Ed., and 1st Semester Integrated M.Sc. students.

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

2025-147-Senate-6	**Confirmation of the Minutes of 146th Senate meeting**

The minutes of the 146th meeting of the Senate were circulated to all the senators. The comments received from the Senators were incorporated.

The Senate confirmed the minutes of the 146th Senate meeting.

2025-147-Senate-7	**Review of Admissions to Various M.Tech Specializations**

The Chairman of the Senate has appointed a committee in the 146th Senate meeting to review admissions across all M.Tech specializations and to submit recommendations on the closure of M.Tech specializations with low admissions, as well as to propose new M.Tech specializations. The committee has submitted its report on October 17, 2025, and the following are its recommendations:

- M.Tech Welding Technology and Non-Destructive Testing has 100% vacancies since its inception, and hence the committee recommends closing this program.
- Department of MM sent a resolution that it would like to initiate the M.Tech Materials and Metallurgy program with a broad base of intake covering the different materials and metallurgy. The committee feels that Materials has a large scope if we broaden the materials theme in the curriculum and also broaden the qualification for the M.Tech program. Hence, the committee recommends starting the program with an intake of 15, with a caution that the Department/Centre should drive a proactive campaign about this M.Tech program among the stakeholders, so that next time such a scenario would not occur.

- M.Tech Materials and Manufacturing, which was initiated this year, did not find any takers except for self-financed students. Hence, the committee recommends the closure of M.Tech Materials and Manufacturing.
- Among the rest of the programs that have more than 40% of average vacancies during the last four years are identified. They are: (i) Chemical Engineering, (ii) Sustainable Energy Generation and Storage Technologies, (iii) Water Resources Engineering, and (iv) Geoinformatics.
- In all four of these programs, the committee recommends reducing the seats by five each. The reduced seats can be used to start the suitable new M.Tech programs.

M.Tech Program	Present Intake	Recommended Intake	Seat Available for New M.Tech Programs
Materials and Manufacturing	20	0	20
Welding Technology and Non-Destructive Testing	20	0	20
Materials and Metallurgy	0	15	-15
Chemical Engineering	20	15	5
Sustainable Energy Generation and Storage Technologies	20	15	5
Water Resources Engineering	26	21	5
Geoinformatics	20	15	5

- With the above reduction in the existing programs, new programs can be initiated with a total intake of 45. The above departments are advised to take the necessary measures to promote the programs across universities and colleges to ensure that all seats are filled in the future. The MM Department is requested to submit the proposal to start a new M.Tech specialization in Materials and Metallurgy.
- Further, proposals have been received from the following Departments to start postgraduate programs as listed below, and the 60 seats available for new M.Tech programs are distributed as follows to the proposed new M.Tech programs, with due consideration to the recommendations of the committee:

S. No.	Department	Program	Specialization	Intake
1	CS	M.Tech	Artificial Intelligence	10
2	MM	M.Tech	Materials and Metallurgy	15
3	BT	M.Tech	Computational Biology and BioAI	10

4	PH	M.Tech	Quantum Computing	10
5	All	M.Tech (Research)	Not Applicable	15
6	HS	M.A.	English Language and Literature	10

The Senate, in its 142nd meeting, approved starting M.Tech (Research) from the Academic Year 2025-2026. The intake for M.Tech (Research) across various Departments is proposed as follows: BT: 2; CE: 2; CH: 2; CS: 2; EC: 2; EE: 2; ME: 2; MM: 1.

The Senate approved the recommendations of the committee and also approved the proposals submitted by: (i) CS to start M.Tech in Artificial Intelligence, (ii) MM to start M.Tech in Materials and Metallurgy, (iii) BT to start M.Tech in Computational Biology and BioAI, (iv) PH to start M.Tech in Quantum Computing, (v) HS to start M.A. in English Language and Literature. The Senate also approved the above intake, effective from Academic Year 2026-2027. These recommendations are submitted to the Board of Governors for approval.

2025-147-Senate-8	**New M.Tech Specialization in Quantum Computing**

The Chairman of the Senate proposed in the 146th Senate meeting to start a new M.Tech specialization in Quantum Computing from Academic Year 2026-2027. The Senate, in principle, approved starting a new M.Tech specialization in Quantum Computing, with participation from the CS, EC, MA, and PH Departments, effective from Academic Year 2026-2027. A committee may be constituted to coordinate with these four departments and to prepare the roadmap.

The Senate assigned the task of preparing the roadmap for the new M.Tech specialization in Quantum Computing to the New Academic Programme Committee and the Curriculum Development and Monitoring Committee in coordination with the participating departments. Further, the Senate authorized the Chairman of the Senate to approve the recommendations of the above two committees.

2025-147-Senate-9	**Academic Calendar for the Spring Semester of A.Y. 2025-2026**

The classwork for the Spring Semester of AY 2025-2026 commences on December 15, 2025. The list of holidays for Calendar Year 2026 is expected to be finalized by the last week of October 2025. The Academic Calendar for the Spring Semester of AY 2025-2026 will be prepared after the list of holidays for the Calendar Year 2026 is officially declared.

The Senate authorized the Chairman of the Senate to approve the Academic Calendar for the Spring Semester of Academic Year 2025-2026.

2025-147-Senate-10	**List of Graduands for the 23rd Convocation**

The 23rd Convocation will be held on November 28, 2025. The number of Graduands eligible to receive degrees in the 23rd Convocation is given below:

Undergraduates

S. No.	Department	Number of Graduands
1	CE	111
2	EE	133
3	ME	142
4	EC	156
5	MM	70
6	CH	109
7	CS	159
8	BT	72
	Total	**952**

Postgraduates

S. No.	Department	Degree	Specialization	Number of Graduands	Number of Graduands in Each Department
1	CE	M.Tech	Engineering Structures	33	181
2			Geotechnical Engineering	30	
3			Transportation Engineering	29	
4			Water Resources Engineering	16	
5			Remote Sensing and GIS	15	
6			Environmental Engineering	27	
7			Construction Technology and Management	28	
8			Waste Management	03	
9	EE	M.Tech	Power Electronics and Drives	31	85
10			Power Systems Engineering	28	
11			Smart Electric Grid	26	
12	ME	M.Tech	Thermal Engineering	24	115
13			Manufacturing Engineering	22	
14			Computer Integrated Manufacturing	12	
15			Machine Design	20	
16			Automobile Engineering	22	

17			Materials and Systems Engineering Design	9	
18			Additive Manufacturing	06	
19	EC	M.Tech	Electronic Instrumentation and Embedded Systems	27	82
20			VLSI System Design	26	
21			Advanced Communication Systems	29	
22	MM	M.Tech	Materials Technology	03	03
23	CH	M.Tech	Chemical Engineering	07	14
24			Systems and Control Engineering	01	
25			Sustainable Energy Generation and Storage Technologies	06	
26	CS	M.Tech	Computer Science and Engineering	31	115
27			Computer Science and Information Security	28	
28		MCA	Master of Computer Applications	56	
29	BT	M.Tech	Biotechnology	17	17
30	MA	M.Sc.	Applied Mathematics	25	55
31			Mathematics and Scientific Computing	30	
32	PH	M.Sc. (Tech)	Engineering Physics (Electronics)	22	44
33			Engineering Physics (Photonics)	22	
34	CY	M.Sc.	Analytical Chemistry	28	49
35			Organic Chemistry	21	
36	MS	MBA	Master of Business Administration	38	38
				Total	**798**

Exit Degrees

S. No.	Exit Degree	Remarks	Number of Graduands
1	B.Sc.	Exit option for Integrated M.Sc. after 3 years of study	9
2	B.Sc. Honors	Exit option for Integrated M.Sc. after 4 years of study	8
3	Post Graduate Diploma	Exit option for M.Tech after 1 year of study	2
		Total	**19**

Ph.D.: Total Ph.D. Graduands: 123 (as on 17.10.2025)

It is proposed to consider awarding Ph.D. degrees to the research scholars who are going to complete their defence on or before November 10, 2025. The list of Graduands is presented to the Senate.

The Senate noted the above information and submitted it for approval by the Board of Governors.

2025-147-Senate-11	**Collaboration with the Asian Institute of Technology, Thailand, and the University of Saskatchewan, Canada**

The Senate, in its 142nd meeting, approved to collaborate with: (i) the Asian Institute of Technology (AIT), Thailand, and (ii) the University of Saskatchewan (USask), Canada. Accordingly, the Institute has signed Memoranda of Agreement (MoAs) with these two Universities, and the details are furnished below:

(i) AIT Thailand – Dual Master's Degree Program:

As part of this MoA, the Dual Master's Degree Program will be offered in several specializations jointly by AIT Thailand and NIT Warangal. To begin with, the programs offered include the Master's Program in "Remote Sensing and Geographic Information Systems" at AIT Thailand and the Master's Program in "Geoinformatics" at NIT Warangal. Students commencing the program at AIT Thailand can join during the August semester and will spend their first two semesters at AIT Thailand, followed by the next two semesters at NIT Warangal. Obtained credits at either of the Institutions will be recognized, and credits will be transferred for the award of a Dual Degree by both Institutions. On successful completion of the requirements of the programme, students will be awarded a Master of Technology degree by NIT Warangal and a Master's degree by AIT Thailand.

(ii) University of Saskatchewan, Canada – Dual Degree Ph.D. Program:

As part of this MoA, the Dual Degree Ph.D. Program will commence first for the Department of Chemical Engineering and later can be extended to other departments. This dual degree Ph.D. program is a dissertation-based research degree focused on a specific research project. The normal duration of the program is four years, though the

actual time to completion may vary depending on individual student progress. Throughout the course of study, each student will spend approximately fifty percent (50%) of their time at each partner university. Students from NIT Warangal will have the option to enroll at USask during the Fall session (September–December), Winter session (January–April), or Spring/Summer session (May–August), based on their convenience. Conversely, students whose home institution is USask will enroll at NIT Warangal according to the Institute's academic calendar – either the Autumn session (July–December) or the Spring session (January–June). Upon successful completion of the program and fulfillment of the academic requirements of both universities, students will be awarded a Ph.D. degree from both USask and NIT Warangal.

The Senate noted the above information.

2025-147-Senate-12	**Collaboration with Jankidevi Bajaj Gram Vikas Sanstha for the Establishment of Bajaj Engineering Skills Training Centre**

The Institute signed an MoA with Jankidevi Bajaj Gram Vikas Sanstha (JBGVS), a corporate social responsibility arm of Bajaj Auto Limited (BAL), to establish the Bajaj Engineering Skills Training (BEST) Centre at NIT Warangal. The prime objective of the BEST Centre is to upskill engineering students in contemporary and evolving technologies to enhance their employability through the BEST program. The BEST curricula will be integrated with the B.Tech curricula in the following two models:

(a) Model-1: the Institute will offer BEST courses as a whole in lieu of internship in either of the 7th or 8th Semesters, with equivalent credits to B.Tech students from all branches of Engineering,

(b) Model-2: the Institute will offer BEST courses across multiple semesters with equivalent credits from the 4th Semester onwards.

The committee appointed by the Senate in its 145th meeting has integrated the BEST program's curricula with the B.Tech curricula for the following two verticals: (i) Firmware Development, and (ii) Electric Mobility. The curriculum of Firmware Development vertical is integrated with the curriculum of B.Tech in Electronics and Communication Engineering, whereas the curriculum of Electric Mobility vertical is integrated with the

curriculum of B.Tech program in Electrical and Electronics Engineering to launch a new B.Tech program in Electrical and Electronics Engineering with Specialization in E-Mobility. It is proposed to allocate 30 seats to B.Tech program in Electrical and Electronics Engineering with Specialization in E-Mobility.

Firmware Development:

The integrated curriculum for the Firmware Development vertical will be delivered from the 4th Semester to the 8th Semester, including the final project work with effect from the Spring Semester of the Academic Year 2025-2026 (Model-2) for the 2024-2028 batch of B.Tech students. It will be offered as part of the regular B.Tech in Electronics and Communication Engineering program and additionally as an Honors program.

E-Mobility:

The integrated curriculum for the E-Mobility vertical will be offered as a separate branch titled "B.Tech in Electrical and Electronics Engineering with Specialization in E-Mobility". It will be delivered from the 4th Semester to the 8th Semester, including the final project work, with effect from the Spring Semester of the Academic Year 2027-2028 (Model-2). That is, the BEST program with an integrated curriculum will commence with the 1st Semester from the Academic Year 2026-2027. Further, the integrated curriculum for the E-Mobility vertical will commence with effect from the Spring Semester of the Academic Year 2025-2026 (Model-1) for the 2022-2026 batch of B.Tech students in their 8th Semester in lieu of their internship.

The Senate approved the above proposals.

2025-147-Senate-13	**Results of Ph.D. Viva-Voce Examination**

The results of the following Ph.D. students who have been provisionally awarded degrees after the 146th Senate meeting held on 12-08-2025, on approval of the Chairman of the Senate, are placed before the Senate for information.

PhD Results after 146th Senate meeting

01	**Mr. Amugothu Ramesh**	
	Department	**EC**
	Roll No.	720057

	Date of Viva-voce Examination	13.08.2025
	Foreign Examiner	Prof. Lotfollah Shafai, University of Manitoba, Canada
	Indian Examiner	Prof. M. Jaleel Akhtar, IIT Kanpur
	Supervisor(s)	Prof. Damera Vakula
	Thesis Title	Investigations on Microwave Metamaterial Absorbers for Multiband and Ultrawideband Applications
02	**Mr. Chelimilla Nikesh**	
	Department	**ME**
	Roll No.	720048
	Date of Viva-voce Examination	20.08.202
	Foreign Examiner	Prof. Brahma Pramanik, Montana Technological University, USA
	Indian Examiner	Prof. Chandrika Prakash Vyasarayani, IIT Hyderabad
	Supervisor(s)	Prof. Srikanth Korla
	Thesis Title	AI-Driven Bolt Looseness Prediction in Data- Deficient Scenarios Using Augmentation Strategies
03	**Mr. Shivank Adarsh Tyagi**	
	Department	**ME**
	Roll No.	721043
	Date of Viva-voce Examination	18.08.2025
	Foreign Examiner	Prof. David L. Bourell, University of Texas at Austin, USA
	Indian Examiner	Prof. G.L. Samuel, IIT Madras
	Supervisor(s)	Prof. Manjaiah M.
	Thesis Title	Experimental and Numerical Investigation of LPBF Manufactured As-Built and Post Processed Ti6Al4V TPMS Lattice Structures for Biomedical Applications
04	**Ms. Srividya A.**	
	Department	**BT**
	Roll No.	720095
	Date of Viva-voce Examination	21.08.2025
	Foreign Examiner	Prof. Anireddy S.N. Reddy, Colorado State University, USA
	Indian Examiner	Prof. Lingaraj Sahoo, IIT Guwahati
	Supervisor(s)	Prof. Rathnaprabha D
	Thesis Title	In vitro Micropropagation and Enhancement of Potent Anti-Cancer Drug Camptothecin Using Elicitors and Hairy Root Induction in Nothapodytes Foetida (Wight) Sleumer- a Threatened Medicinal Plant
05	**Ms. Akanksha Ashok Sangolkar**	
	Department	**CY**
	Roll No.	701969
	Date of Viva-voce Examination	27.08.2025
	Foreign Examiner	Prof. Hermann A., Justus Liebig University, Germany

	Indian Examiner	Prof. Rajeev Ahuja, IIT Ropar
	Supervisor(s)	Prof. Ravinder Pawar
	Thesis Title	Computational Insights into Molecular Photoswitches for Solar Thermal Energy Storage, Photopharmacology and Vision Restoration
06	**Mr. Santosh Kumar Padhi**	
	Department	**EC**
	Roll No.	**701940**
	Date of Viva-voce Examination	28.08.2025
	Foreign Examiner	Prof. Guo-Hua Feng, National Tsing Hua University, Taiwan
	Indian Examiner	Prof. Prasanta Kumar Guha, IIT Kharagpur
	Supervisor(s)	Prof. V. Narendar and Prof. Atul Kumar Nishad
	Thesis Title	Modified BI-Level Negative Capacitance FET Design For Low Power Electronics
07	**Mr. M. Arockiaraj**	
	Department	**CY**
	Roll No.	21CYFJ171
	Date of Viva-voce Examination	01.09.2025
	Foreign Examiner	Prof. Jagadeesh Rajenahally, Leibniz Institute for Catalysis, Germany
	Indian Examiner	Prof. P. Gandeepan, IIT Tirupati
	Supervisor(s)	Prof. V. Rajesh Kumar
	Thesis Title	Development of Transition Metal-Free Methodologies for the Synthesis of Diverse Fused Six-Membered Nitrogen Heterocycles
08	**Mr. Ramesh Banoth**	
	Department	**PH**
	Roll No.	717053
	Date of Viva-voce Examination	02.09.2025
	Foreign Examiner	Prof. Sridhar S. Condoor, Saint Louis University, USA
	Indian Examiner	Prof. Mahesh Kumar, IIT Jodhpur
	Supervisor(s)	Prof. Kusum Kumari
	Thesis Title	Studies on Interface Engineering and Charge Carrier Dynamics of Perovskite Solar Cells Using mMoS2 Nanosheets and Conjugated Polymer Blends
09	**Ms. Valasa Sresta**	
	Department	**EC**
	Roll No.	**22ECR2R10**
	Date of Viva-voce Examination	02.09.2025
	Foreign Examiner	Prof. Amit Ranjan Trivedi, University of Illinois at Chicago, USA
	Indian Examiner	Prof. Nihar Ranjan Mohapatra, IIT Gandhinagar
	Supervisor(s)	Prof. V. Narendar

	Thesis Title	Design and Reliability of Negative Capacitance Multi-Gate Fets for Next Generation Electronics
10	**Ms. Banoth Swapna**	
	Department	**ME**
	Roll No.	719049
	Date of Viva-voce Examination	04.09.2025
	Foreign Examiner	Prof. Ramesh K. Agarwal, Washington University at St. Louis, USA
	Indian Examiner	Prof. Animesh Mandal, IIT Bhubaneswar
	Supervisor(s)	Prof. V. Suresh Babu
	Thesis Title	Mechanical and Tribological Properties of Aluminium Hybrid Metal Matrix Composites Reinforced with Biowaste-Derived Silicon Dioxide (SIO2) and Activated Carbon (AC)
11	**Ms. Sudipa Bhadra**	
	Department	**BT**
	Roll No.	721094
	Date of Viva-voce Examination	04.09.2025
	Foreign Examiner	Prof. Vijaya Raghavan, McGill University, Canada
	Indian Examiner	Prof. V. Venkata Dasu, IIT Guwahati
	Supervisor(s)	Prof. Surajbhan Sevda
	Thesis Title	Treatment of Wastewater Using Bioelectroremediation Process
12	**Mr. Ramesh Manupati**	
	Department	**ME**
	Roll No.	718031
	Date of Viva-voce Examination	08.09.2025
	Foreign Examiner	Prof. Zoltan K. Nagy, Purdue University, USA
	Indian Examiner	Prof. Satya Sekhar Bhogilla, IIT Jammu
	Supervisor(s)	Prof. G. Naga Srinivasulu
	Thesis Title	Impact of Electrolyte Composition,Flow Channel Design and Current Collector Open Ratios on the Performance of Air-Breathing Direct Methanol Fuel Cells
13	**Mr. Yelleti Vivek**	
	Department	**CS**
	Roll No.	720085
	Date of Viva-voce Examination	10.09.2025
	Foreign Examiner	Prof. Kalyanmoy Deb, Michigan State University, USA
	Indian Examiner	Prof. S. Bapi Raju, IIIT Hyderabad
	Supervisor(s)	Prof. V. Ravi, IDRBT and Prof. P. Radha Krishna
	Thesis Title	Feature Subset Selection using Evolutionary Computation under Big Data paradigm
	Mr. Abhaynarasimha K.S.	
	Department	**EC**

14	Roll No.	720051
	Date of Viva-voce Examination	12.09.2025
	Foreign Examiner	Prof. Mousa Ayyash, Chicago State University, USA
	Indian Examiner	Dr. Swaminathan R., IIT Indore
	Supervisor(s)	Prof. V. Venkata Mani
	Thesis Title	Mitigating Nonlinear Distortions in Visible Light Communication Using Machine Learning Techniques
15	**Ms. Tohira Banoo**	
	Department	**CY**
	Roll No.	721107
	Date of Viva-voce Examination	15.09.2025
	Foreign Examiner	Prof. Arun Kumar Kota, North Carolina State University, USA
	Indian Examiner	Prof. P. Anbarasan, IIT Madras
	Supervisor(s)	Prof. S. Nagarajan
	Thesis Title	Glycolipid-Based Biomaterials Derived from Natural Hydrophobic Moieties
16	**Ms. Reshma Tabassum**	
	Department	**CE**
	Roll No.	21CEPJ012
	Date of Viva-voce Examination	15.09.2025
	Foreign Examiner	Prof. Jaan Pu, University of Bradford, UK
	Indian Examiner	Prof. Pramod Kumar Sharma, IIT Roorkee
	Supervisor(s)	Prof. G. Venkata Ramana and Prof. Mohammad Zakwan, MANUU
	Thesis Title	Design of Multiple Spur Dikes in Non-Cohesive Sediment Bed
17	**Mr. K. Uttam**	
	Department	**MS**
	Roll No.	720125
	Date of Viva-voce Examination	17.09.2025
	Foreign Examiner	Prof. Anita Goyal, IIM Lucknow
	Indian Examiner	Prof Sameer Deshpande, Griffith University, Australia
	Supervisor(s)	Prof. Rahul Tangeda
	Thesis Title	Duality of Deprivation and Desire: Consumer behaviour Insights from the Indian Urban Bottom of the Pyramid Markets
18	**Mr. K. Murali Chandra Babu**	
	Department	**EC**
	Roll No.	721056
	Date of Viva-voce Examination	17.09.2025
	Foreign Examiner	Prof. Saraju P. Mohanty, University of North Texas, USA
	Indian Examiner	Prof. Santosh Kumar, IIT Indore
	Supervisor(s)	Prof. Ekta Goel

	Thesis Title	Simulation and Performance Analysis of Negative Capacitance Source Pocket Double Gate Tunnel Fet: Rf Circuits and Biosensing Applications
19	**Mr. Rayappa David Amar Raj**	
	Department	**EE**
	Roll No.	721025
	Date of Viva-voce Examination	17.09.2025
	Foreign Examiner	Prof. Vijay Kumar Gali, University of Hertfordshire, UK
	Indian Examiner	Prof. Vivekananda Mukherjee, IIT (ISM) Dhanbad
	Supervisor(s)	Prof. K. Anil Naik
	Thesis Title	Solar Power Optimization and Deep Learning-based Multi-Modal Fault Analytics
20	**Ms. Gargi Singh**	
	Department	**CY**
	Roll No.	21CYFJ179
	Date of Viva-voce Examination	22.09.2025
	Foreign Examiner	Prof. Venkatram R. Mereddy, University of Minnesota, USA
	Indian Examiner	Prof. G. Sekhar, IIT Madras
	Supervisor(s)	Prof. V. Rajeshkumar
	Thesis Title	Development of Transition Metal-Free Halogen-Mediated Strategies for C2 and C3 Functionalization of Indoles
21	**Mr. B. Dinesh**	
	Department	**CH**
	Roll No.	**720072**
	Date of Viva-voce Examination	22.09.2025
	Foreign Examiner	Prof. Rudra Kumar, Tecnologico de Monterrey, Mexico
	Indian Examiner	Prof. Sushmee Badhulika, IIT Hyderabad
	Supervisor(s)	Prof. P. Sampath Kumar
	Thesis Title	Development of Advanced Nanocomposite Electrode Materials for High Performance Supercapacitors
22	**Mr. Rakesh Kanakam**	
	Department	**ME**
	Roll No.	**719051**
	Date of Viva-voce Examination	23.09.2025
	Foreign Examiner	Prof. Venkateswara Rao Penugonda, The University of the West Indies, Jamaica
	Indian Examiner	Prof. Babu Rao Guduri, IIIP Mumbai
	Supervisor(s)	Prof. P. Subhash Chandra Bose
	Thesis Title	Mechanical and Tribological Characterization of Rice Husk-Based Silica/Carbon Ceramic Composites
	Mr. Nageswar Rao Thadikamalla	
	Department	**EC**

23	Roll No.	**720052**
	Date of Viva-voce Examination	25.09.2025
	Foreign Examiner	Prof. Balbir Singh Virdee, London Metropolitan University, UK
	Indian Examiner	Prof. Dharmendra Singh, IIT Roorkee
	Supervisor(s)	Prof. A. Prakasa Rao
	Thesis Title	Investigations on Multi-Structured Antenna Arrays for Optimized Beamforming in Wireless Communications
24	**Ms. Neelam Mouni**	
	Department	**EC**
	Roll No.	**22ECR2R10**
	Date of Viva-voce Examination	26.09.2025
	Foreign Examiner	Prof. Robin Braun, University of Technology Sydney, Australia
	Indian Examiner	Prof. Sudeb Dasgupta, IIT Roorkee
	Supervisor(s)	Prof. S. Anuradha
	Thesis Title	Investigations on Performance Analysis of UAV-SM-NOMA Over Fading Channels
25	**Mr. P. Dilipkumar**	
	Department	**CH**
	Roll No.	**701954**
	Date of Viva-voce Examination	07.10.2025
	Foreign Examiner	Prof. Pankaj Madhukar Koinkar, Tokushima University, Japan
	Indian Examiner	Prof. Dipak Vitthal Pinjari, ICT Mumbai
	Supervisor(s)	Prof. Shirish H. Sonawane and Prof. S. Srinath
	Thesis Title	Cavitation Based Process Intensification in the Preparation of Colloidal Systems and their Applications
26	**Mr. Nandan D. Hegde**	
	Department	**ME**
	Roll No.	**718026**
	Date of Viva-voce Examination	08.10.2025
	Foreign Examiner	Prof. Bale V. Reddy, Ontario Tech University, Canada
	Indian Examiner	Prof. Ramjee Repaka, IIT Dharwad
	Supervisor(s)	Prof. K. Kiran Kumar
	Thesis Title	Investigation on Flow Boiling Characteristics of Water based Cu, CuO and Cu-CuO Hybrid Nanofluids
27	**Mr. Aramanda Prasad**	
	Department	**PH**
	Roll No.	719107
	Date of Viva-voce Examination	09.10.2025
	Foreign Examiner	Prof. Michal Piasecki, Jan Dlugosz University in Czestochowa, Poland
	Indian Examiner	Prof. D. Pamu, IIT Guwahati

	Supervisor(s)	Prof. Kusum Kumari and Prof. P. Syam Prasad
	Thesis Title	Development of Spherical Bioactive Glassceramic Nanoparticles for Tissue Regeneration
28	**Ms. Amudala Maha Lakshmi**	
	Department	**PH**
	Roll No.	**719110**
	Date of Viva-voce Examination	09.10.2025
	Foreign Examiner	Prof. Animesh Jha, University of Leeds, UK
	Indian Examiner	Prof. Subhash Thota, IIT Guwahati
	Supervisor(s)	Prof. Kusum Kumari and Prof. P. Syam Prasad
	Thesis Title	Investigations on Multifuncational Rare Earth ION-Doped Mesoporous Silico Gallate Bioactive Glasses for Bone Tissue Engineering
29	**Mr. Kodandapuram Jayasimha Reddy**	
	Department	**ME**
	Roll No.	**720046**
	Date of Viva-voce Examination	09.10.2025
	Foreign Examiner	Prof. Olumuyiwa Ajani, University of Ilorin, Nigeria
	Indian Examiner	Prof. Raja Banerjee, IIT Hyderabad
	Supervisor(s)	Prof. G. Amba Prasad Rao and Dr. R. Meenakshi Reddy
	Thesis Title	Hydrogen-enriched Waste Plastic Oil-Diesel Blends for Lower Emissions and Enhanced RCCI Engine Performance
30	**Mr. Koyyana Srinivasa Rao**	
	Department	**EE**
	Roll No.	**21EEFJ053**
	Date of Viva-voce Examination	10.10.2025
	Foreign Examiner	Prof. Saad Mekhilef, Swinburne University of Technology, Australia
	Indian Examiner	Prof. Mahesh Kumar, IIT Madras
	Supervisor(s)	Prof. G. Siva Kumar
	Thesis Title	Control Strategies for Grid-Tied Inverters for Power Quality Enhancement with Optimized Switching Strategies
31	**Mr. Kola Vikas**	
	Department	**CE**
	Roll No.	**721002**
	Date of Viva-voce Examination	13.10.2025
	Foreign Examiner	Prof. Bhaskar C.S. Chittoori, Boise State University, USA
	Indian Examiner	Prof. G.V. Ramana, IIT Delhi
	Supervisor(s)	Prof. G. Venkata Ramana
	Thesis Title	Conversion of Rock Sludge Dust into A promising Material for Pavement Applications

32	**Mr. Gugulothu Ramulu**	
	Department	**CE**
	Roll No.	**721005**
	Date of Viva-voce Examination	17.10.2025
	Foreign Examiner	Prof. P. Sivapatham, Bergische Universitat Wuppertal, Germany
	Indian Examiner	Prof. Umesh Chandra Sahoo, IIT Bhubaneswar
	Supervisor(s)	Prof. S. Shankar
	Thesis Title	Performance and Sustainability Assessment of Pavement Bases Incorporated with Biomedical Waste Incinerated ASH in OPC and Geopolymer Binders

The Senate noted the above results.

2025-147-Senate-14	**Inclusion of an Elective Course, CE76038: Contaminant Transport Modelling in Porous Media, in the 2nd Semester of M.Tech Water Resources Engineering**

The Department of Civil Engineering has submitted a proposal to include an elective course, "CE76038: Contaminant Transport Modelling in Porous Media", in the 2nd Semester of M.Tech Water Resources Engineering. The proposal has been recommended by the DAC (PG&R) of the Department of Civil Engineering and the Chairperson of the Curriculum Development and Monitoring Committee.

The Senate approved the above proposal submitted by the Department of Civil Engineering.

2025-147-Senate-15	**Shifting of a Course from Professional Elective III to Professional Elective V in the 2nd Semester of M.Tech Construction Technology and Management**

The Department of Civil Engineering has submitted a proposal to shift a course "CE16024: Formwork Design and Practice" from Professional Elective III to Professional Elective V in the 2nd Semester of M.Tech Construction Technology and Management. The proposal has been recommended by the DAC (PG&R) of the Department of Civil Engineering and the Chairperson of the Curriculum Development and Monitoring Committee.

The Senate approved the above proposal submitted by the Department of Civil Engineering.

2025-147-Senate-16	**Inclusion of an Elective Course, Precision Motion Control in CNC Applications, in the 2nd Semester of: (i) M.Tech Manufacturing Engineering, and (ii) M.Tech Computer Integrated Manufacturing**

The Department of Mechanical Engineering has submitted a proposal to include an elective course, "Precision Motion Control in CNC Applications," in the 2nd Semester of: (i) M.Tech Manufacturing Engineering, and (ii) M.Tech Computer Integrated Manufacturing. The proposal has been recommended by the DAC (PG&R) of the Department of Mechanical Engineering and the Chairperson of the Curriculum Development and Monitoring Committee.

According to the guidelines approved in the 146th Senate, M.Tech students in a specialization are permitted to register for elective courses offered to students in other M.Tech specializations within the Department. In view of the above, the Department of Mechanical Engineering may include the proposed new elective course in one of its M.Tech specializations (M.Tech Manufacturing Engineering or M.Tech Computer Integrated Manufacturing) and obtain the approval of the Chairperson of the Curriculum Development and Monitoring Committee to modify the curriculum accordingly.

The Senate approved the proposal submitted by the Department of Mechanical Engineering to include an elective course, "Precision Motion Control in CNC Applications," in the 2nd Semester of either M.Tech Manufacturing Engineering or M.Tech Computer Integrated Manufacturing.

2025-147-Senate-17	**Rescheduling the End-Semester Examinations for 1st Semester B.Tech, 1st Semester B.Sc. B.Ed., and 1st Semester Integrated M.Sc. Students**

The Examination Section has submitted a request to reschedule the third phase of the end-semester examinations in view of the 23rd Convocation scheduled for Friday, November 28, 2025. According to the Academic Calendar, the end-semester examinations for 1st Semester B.Tech, 1st Semester B.Sc. B.Ed., and 1st Semester Integrated M.Sc. Students are scheduled from November 26 to December 2, 2025. It is proposed not to schedule any end-semester examinations from December 27 to 28, 2025,

as the Examination Section will be busy with the activities related to the 23rd Convocation. The revised schedule for the end-semester examinations is proposed as follows:

- Examination-1: Wednesday, November 26, 2025,
- Examination-2: Saturday, November 29, 2025,
- Examination-3: Monday, December 1, 2025,
- Examination-4: Tuesday, December 2, 2025, and
- Examination-5: Wednesday, December 3, 2025.

The Senate approved the above proposal submitted by the Examination Section.

2025-147-Senate-18	**Undergraduate Degree Certificate Format for Minor and Honors**

The undergraduate students satisfying the eligibility requirements are permitted to register for "one minor" or "one honors" or "two minors" or "one minor and one honors". The Examination Section has submitted a request to approve the undergraduate degree certificate format for minor and honors. The certificate format is presented to the Senate.

The Senate approved the undergraduate degree certificate format for minors and honors submitted by the Examination Section.

2025-147-Senate-19	**DigiLocker NAD Certificate Format for all Undergraduate Students**

A DigiLocker NAD Certificate is a digitally verified academic document issued through the National Academic Depository (NAD) and stored securely in the DigiLocker account of the student. The B.Tech certificates have been issued to the students through the NAD/DigiLocker in accordance with the prescribed format approved by the Chairman of the Senate. The Examination Section has submitted a sample DigiLocker NAD undergraduate degree certificate for the approval of the Senate.

The Senate approved the sample DigiLocker NAD undergraduate degree certificate submitted by the Examination Section.

2025-147-Senate-20	**Academic Review of all B.Tech Programs for the Autumn Semester of Academic Year 2024-2025**

The four committees have successfully completed the academic review of the B.Tech programs for the Autumn Semester of Academic Year 2024-2025. The committee members have critically reviewed all the course files, and the consolidated reports have been submitted. The faculty members who could not submit the course files have been requested to submit the course files at the earliest. It is proposed to conduct an external academic review of all the programs by inviting experts from renowned academic institutions in January 2026. Further, it is proposed to set the following deadlines for submission of the course files in each semester, and these deadlines will also be included in the Academic Calendar:

- Autumn Semester: December 31, and
- Spring Semester: May 31.

The Senate noted the above information.

2025-147-Senate-21	**Progress Review of all the Research Scholars**

All Departments have been requested to submit the progress of the research scholars in a standard template, including those research scholars on roll and who are yet to submit their theses. The consolidated details are presented to the Senate.

The Senate noted the information.

2025-147-Senate-22	**Any Other Item with the Permission of the Chair**

22.1) Shifting of a Professional Elective Course from 1st Semester to 2nd Semester of M.Tech Embedded and Machine Learning Systems

The Department of Electronics and Communication Engineering has submitted a proposal to shift a professional elective course "EC16031: Deep Learning Architectures" from Professional Elective II (1st Semester) to Professional Elective V (2nd Semester) of M.Tech Embedded and Machine Learning Systems. The proposal has been recommended by the DAC (PG&R) of the Department of Electronics and Communication Engineering and the Chairperson of the Curriculum Development and Monitoring Committee. The Chairman of the Senate has approved the above proposal.

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

22.2) Reconstitution of Senate Undergraduate Committee, Senate Postgraduate Committee, and Research Progress Evaluation Committee

The following academic committees were constituted on June 29, 2024:

- Senate Undergraduate Committee (SUGC),
- Senate Postgraduate Committee (SPGC), and
- Research Progress Evaluation Committee (RPEC).

Subsequently, Prof. P. Radha Krishna (CS) was appointed as the Chairperson of the SUGC w.e.f. July 1, 2025. However, Prof. P. Radha Krishna was later appointed as Dean (Faculty Welfare) on October 7, 2025. Considering the administrative responsibilities of the Dean (Faculty Welfare), and the new administrative responsibilities of other members of SUGC, SPGC, and RPEC, it is necessary to reconstitute SUGC, SPGC, and RPEC.

The Senate authorized the Chairman of the Senate to reconstitute SUGC, SPGC, and RPEC.

The meeting ended with thanks to the Chair.

16.12.2025

Sri. Sunil Kumar Mehta
Registrar and Secretary

Prof. Venkaiah Chowdary
Dean (Academic)
16/12/2025

16/12/25

Prof. Bidyadhar Subudhi
Director and Chairman