राष्ट्रीय प्रौद्योगिकी संस्थान वरंगल

National Institute of Technology Warangal

Hanumakonda, Warangal-506004, Telangana

Senate Minutes

Meeting No.:	150
Date:	10th May 2026
Time	17:00 hours
Venue:	Senate Hall

Minutes of the 150th Meeting of the Senate held on 10th May 2026

Prof. Bidyadhar Subudhi, Chairman
Director, NIT Warangal

Sri. Sunil Kumar Mehta, Secretary
Registrar, NIT Warangal

Members Present:

1 Prof. A. Venu Gopal (ME)
2 Prof. Adepu Kumar (ME)
3 Prof. B. Lakshmi (EC)
4 Prof. B.L. Narasimha Raju (EE)
5 Prof. Ch. Sudhakar (CS)
6 Prof. Ch. Venkaiah (EE)
7 Prof. D. Jayakrishna (ME)
8 Prof. D. Kasinath (CY)
9 Prof. D. Srinivasa Charya (MA)
10 Prof. D. Vakula (EC)
11 Prof. Debashis Dutta (MA)
12 Prof. G. Rajesh Kumar (CE)
13 Prof. Hari Ponnamma Rani (MA)
14 Prof. K. Kiran Kumar (ME)
15 Prof. K. Narasimhulu (BT)
16 Prof. K. Thangaraju (PH)
17 Prof. K. Venkata Reddy (CE)
18 Prof. K.V. Gobi (CY)
19 Prof. K.N.S. Kasiviswanadham (MA)
20 Prof. L. Anjaneyulu (EC)
21 Prof. L. Krishnanand (ME)
22 Prof. M. Sailaja Kumari (EE)
23 Prof. N. Narasaiah (MM)
24 Prof. N. Viswanathan (EE)
25 Prof. N.V. Srikanth (EE)
26 Prof. P. Abdul Azeem (PH)
27 Prof. P. Hari Krishna (CE)
28 Prof. P. Hari Prasada Reddy (CE)
29 Prof. P. Ratish Kumar (CE)
30 Prof. P. Ravi Kumar (SA)
31 Prof. P. Sreehari Rao (EC)
32 Prof. P. Sreenivasa Rao (BT)
33 Prof. P. Venkateswara Rao (CE)
34 Prof. Pisipati Radha Krishna (CS)
35 Prof. R. Narasimha Rao (ME)
36 Prof. R. Padmavathy (CS)
37 Prof. R. S. Selvaraj (MA)
38 Prof. R.B.V. Subrahmanyam (CS)
39 Prof. Rashmi Ranjan Rout (CS)
40 Prof. Ravi Kumar Jatoth (EC)
41 Prof. S. Anuradha (EC)
42 Prof. S. Ravichandra (CS)
43 Prof. S. Srinivasa Rao (EE)
44 Prof. S. Srinivasa Rao (ME)
45 Prof. Sonawane Shirish Hari (CH)
46 Prof. Sourabh Roy (PH)
47 Prof. Srikanth Korla (ME)
48 Prof. T. Kishore Kumar (EC)
49 Prof. T.D. Gunneswara Rao (CE)
50 Prof. V. Rajesh Khana Raju (ME)
51 Prof. V. Ramana Murthy (CE)
52 Prof. V. Venkata Mani (EC)
53 Prof. V.P. Chandra Mohan (ME)
54 Prof. V.T. Somasekhar (EE)
55 Prof. Venkaiah Chowdary (CE)
56 Prof. Vishnu Shanker (CY)
57 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. Syed Ismail (Assoc. Dean, Acad-UG)
6 Prof. G. Siva Kumar (PIC, Exams)
7 Prof. Neha Hejaz (Head i/c, HS)
8 Sri. Gaurav Chowdhury (Registrar i/c)

The following members could not attend the meeting:

1 Prof. A. Benerji Babu (MA)
2 Prof. A. Sarath Babu (CH)
3 Prof. A. Veeresh Babu (ME)
4 Prof. A. Venu Vinod (CH)
5 Prof. Arif Ali Baig Moghal (CE)
6 Prof. Asit Kumar Khanra (MM)
7 Prof. B. Sathish Ben (ME)
8 Prof. C. Vanitha (MM)
9 Prof. Chandra Shekhar Sharma, IIT Hyd
10 Prof. D. Ramaseshu (CE)
11 Prof. D.V.S.S. Siva Sarma (EE)
12 Prof. Dipti Ranjan Sahoo, IIT Delhi
13 Prof. Divi Haranath (PH)
14 Prof. G. Amba Prasad Rao (ME)
15 Prof. G. Nagasrinivasulu (ME)
16 Prof. G.V.S. Nageswara Rao (MM)
17 Prof. J.V. Ramana Murthy (MA)
18 Prof. K. Anand Kishore (CH)
19 Prof. K. Madhavi (HS)
20 Prof. K.V. Sai Srinadh (ME)
21 Prof. M. Chandrasekhar (CE)
22 Prof. M. Heera Lal (CE)
23 Prof. M. Joseph Davidson (ME)
24 Prof. Mahesh Kumar Talari (MM)
25 Prof. N. Bheema Rao (EC)
26 Prof. N. Kishore Babu (MM)
27 Prof. N. Selvaraj (ME)
28 Prof. N.V. Umamahesh (CE)
29 Prof. N.V.S.N. Sarma (EC)
30 Prof. P. Bangaru Babu (ME)
31 Prof. P. Muthu (MA)
32 Prof. P. Ramlal (MS)
33 Prof. P. Subhash Chandra Bose (ME)
34 Prof. P. Syam Prasad (PH)
35 Prof. P. Vamsi Krishna (ME)
36 Prof. P. Venkata Sri Laxmi (CY)
37 Prof. P. Venkata Suresh (CH)
38 Prof. Puli Ravi Kumar (ME)
39 Prof. R. Satish Babu (BT)
40 Prof. Rajni Singh, IIT (ISM) Dhanbad
41 Prof. S. Srinath (CH)
42 Prof. S. Venkateswara Rao (CE)
43 Prof. T. Venkatappa Rao (PH)
44 Prof. V. Hari Kumar (ME)
45 Prof. V. Suresh Babu (ME)
46 Prof. Vangapandu Rama Devi (MS)
47 Prof. Venkatathri Narayanan (CY)
48 Prof. Santhosh P. (Head, CY)
49 Prof. D. Bhargavi (Assoc. Dean, Acad-PG)
50 Prof. K.V.R. Ravi Shankar (Assoc. Dean, ARP)
51 Prof. Ch. Ramreddy (PIC, Admissions)
52 Sri. Md. Habeeb Khan (DR, Academic)

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]

2026-150-Senate-1.1	Change of Supervisor/Co-Supervisor

The Research Progress and Evaluation Committee (RPEC) recommended a change of supervisor/co-supervisor for the following research scholars, based on the recommendations of the respective Doctoral Scrutiny Committees (DSCs):

S. No.	Name of the Research Scholar	Roll No.	Existing Supervisor and Co-Supervisor	Proposed Supervisor and Co-Supervisor	Remarks
1	Mr. M. Raju	24ECR2P20	Prof. Gopi Ram, and Prof. G. Arun Kumar	Prof. Ekta Goel, and Prof. K. Sarangam	Difficulty in understanding the research topic.
2	Mr. Korra Aravind	25CER2R11	Prof. Akhilesh Paswan	Prof. Jew Das	Prof. Akhilesh Paswan resigned from the Institute
3	Mr. Syed Nawaz Pasha	22CSR1P01	Prof. P. Venkata Subba Reddy	Prof. Balaprakasa Rao Killi	Consequent to the demise of Prof. P. Venkata Subba Reddy
4	Mr. Alfred Raju	22CSR2R02	Prof. P. Venkata Subba Reddy	Prof. K.V. Kadambari	
5	Ms. Palavali Siva Lakshmi	24CSR1P20	Prof. P. Venkata Subba Reddy	Prof. Katakamsetty Venkatakrishna Rao	
6	Ms. Nam Vasundhara	25CSR1P04	Prof. P. Venkata Subba Reddy	Prof. Raju Bhukya	

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

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

2026-150-Senate-1.2	Conversion of Ph.D. Studentship from Full-Time to Part-Time

The RPEC recommended the conversion of the following Ph.D. studentship from full-time to part-time, based on the recommendations of the DSC:

S. No.	Name of the Research Scholar	Roll No.	Remarks
1	Ms. M. Saritha	23ECR1R13	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.

2026-150-Senate-1.3	Extension of the Thesis Submission beyond Three Months

The RPEC recommended extending the thesis submission beyond three months for the following research scholar, based on the recommendations of the DSC:

S. No.	Name of the Research Scholar	Roll No.	Remarks	RPEC Recommendations
1	Ms. Suvarna Pankaj Dhongade	22CHR1Q01	Submitted the synopsis on 10.12.2025 and requested to extend the thesis submission date beyond three months.	Recommended to submit the thesis by May 31, 2026.

The Chairman of the Senate has approved the RPEC recommendations to extend the thesis submission date up to May 31, 2026.

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

2026-150-Senate-1.4	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 DSCs:

S. No.	Name of the Research Scholar	Roll No.	Remarks	RPEC Recommendations
1	Ms. Anitha Manpati	24CSR1R05	Could not complete the comprehensive examination even after two attempts.	Recommended to cancel the Ph.D. admission.
2	Ms. Chintada Gowtami	25BTR2R07	Non-matching of research supervision. The research scholar requested to cancel the Ph.D. admission.	Recommended to cancel the Ph.D. admission.

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.

2026-150-Senate-1.5	Comprehensive Examination during 4th/5th Semester

The RPEC recommended conducting the comprehensive examination in the 4th/5th 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	Mr. Kadambala Chaitanya	23CER2P04	Unable to appear for the comprehensive examination in the 3rd semester due to his health problem, and requested to conduct the comprehensive examination in the 5th semester.
2	Mr. Jayanthi Praveen	23CER2P07	Unable to appear for the comprehensive examination in the 3rd semester due to his health problem, and requested to conduct the comprehensive examination in the 5th semester.
3	Ms. P. Kavitha	24ECR2P18	Unable to appear for the comprehensive examination in the 3rd semester due to the medical condition of her new-born child, and requested to conduct the comprehensive examination in the 4th semester.

The Chairman of the Senate has approved the RPEC recommendations to conduct the comprehensive examination in the 5th semester for Mr. Kadambala Chaitanya and Mr. Jayanthi Praveen, and in the 4th semester for Ms. P. Kavitha.

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

2026-150-Senate-1.6	**Early Submission of the Ph.D. Thesis by Ms. Ammu B. Crusho**

Ms. Ammu B. Crusho, Roll No. 22CER2P01, a part-time research scholar in the Department of Civil Engineering working under the supervision of Prof. R. Vishnu, has completed 3 years as of December 2025 (date of enrollment: 05.01.2023). She has completed her research work and published two journal papers satisfying the requirements for Ph.D. thesis submission. However, according to the Academic Regulations of the Ph.D. Program, the minimum period for thesis submission from the date of enrolment for part-time research scholars is 4 years. The DSC, DAC (PG&R), and RPEC recommended an early submission of the synopsis and the thesis. The Chairman of the Senate has approved the RPEC recommendations for early submission of the synopsis and the thesis.

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

2026-150-Senate-1.7	**Request for Summer Courses from the Final Year Undergraduate Students with Shortage of Required Credits for the Award of the Degree**

The undergraduate student representative to the Senate has submitted a request on behalf of final-year undergraduate students to permit them to take summer courses to complete the mandatory 160 credit requirement for the award of the degree. The students listed the following reasons to complete their degree requirements:

- Several students are facing difficulty in completing 160 credits within four years.
- Students getting an 'F' grade in a makeup examination are required to register for the course again in study mode.
- Reduction in maximum permissible credits per semester to 28.

As per the 2021 Academic Regulations for the B.Tech program,

- *Students must complete a minimum of 160 credits with a CGPA of not less than 4.00 for the award of the degree.*
- *A student with a CGPA of 4.0 or above is eligible to register for courses in the next semester with the following conditions:*
  - *Mandatory registration for backlog courses first in study mode, and the remaining from the courses offered in the next semester, so that the maximum credit registration should not exceed 28 credits.*
  - *The timetable should permit.*
  - *A clear recommendation from the Faculty Advisor for the registration of courses.*
- *A student with a CGPA below 4.0 will be placed on slow-paced learning. The student will be permitted to take both backlog and next semester courses at a slower pace, satisfying the following conditions:*
  - *Mandatory registration for backlog courses first in study mode, and the remaining from the courses offered in the next semester, so that the maximum credit registration should not exceed 22 credits.*
  - *The timetable should permit.*
  - *A clear recommendation from the Faculty Advisor for the registration of courses.*
- *Students will be permitted to appear in the examinations in only those courses for which they have registered at the beginning of the semester.*
- *Student with 'F' grade(s) can appear in a makeup examination conducted at the end of the academic year, or register in study mode (including summer classes, if offered), whenever the course is offered.*

In the present case, the students with backlog courses did not register for those courses in study mode at the beginning of the semester and are therefore not eligible to register for summer courses. Further, as per the 2024 Academic Regulations, a summer course will be offered if the number of 'U' grades exceeds 10, and summer courses are offered only for 1st- and 2nd-year courses.

The Senate constituted a committee with the following members and advised the committee to submit a feasibility report to the Chairman of the Senate:

1) ***Prof. K. Kiran Kumar, ME [Chairperson]***
2) ***PIC (Examinations) [Member]***
3) ***Associate Dean (Academic UG) [Member]***
4) ***Prof. Debashis Dutta, MA [Member]***
5) ***Prof. J. Ravi Kumar, EC [Member]***
6) ***Deputy Registrar (Academic) [Convenor]***

The Senate authorized the Chairman of the Senate to take a decision based on the report submitted by the committee.

2026-150-Senate-1.8	**Request to Appear for Makeup Examinations from Students Registered for NPTEL Courses and Securing Fail Grades**

Some undergraduate students currently registered for NPTEL courses are likely to fail in those courses and have submitted requests to permit them to appear for makeup examinations during summer 2026. As per the Academic Regulations of 2024, the following are the relevant guidelines for SWAYAM/NPTEL courses:

- *A student may complete SWAYAM-NPTEL courses and transfer equivalent credits to partially complete the mandatory credit requirements of the concerned Program.*
- *The Department may permit students to register from other platforms, by taking care of evaluation and grading.*
- *Before the commencement of each semester, parent department shall release a list of SWAYAM-NPTEL courses approved as departmental elective/ open elective courses.*
- *A student shall only request for transfer of credits from such notified SWAYAM-NPTEL courses as published by the concerned departments.*
- *SWAYAM-NPTEL Courses are considered for transfer of credits only if the concerned student has successfully completed and obtained the SWAYAM-NPTEL certificate to this effect.*
- *A student cannot transfer credits from SWAYAM-NPTEL Courses for any other type of courses not permitted in the concerned Curriculum.*
- *Students shall register for the approved courses as per the schedule announced by SWAYAM-NPTEL.*
- *The credit equivalence for SWAYAM-NPTEL Courses: 12 weeks – 3credits; 8 weeks – 2 credits; 4 weeks – 1 or 0 credits.*
- *The marks obtained by the student for such SWAYAM-NPTEL Courses will be converted to grades as per the evaluation guidelines.*

- *If any faculty is assigned for the evaluation of the courses taken through these platforms, he/she can evaluate like any regular course by following the assessment and evaluation guidelines.*
- *A student may submit a request for credit transfer from SWAYAM-NPTEL courses before the last instruction day of the final semester as specified in the Academic Calendar.*

In the present case, NPTEL courses are considered for credit transfer only if the concerned student successfully completes the course and obtains the NPTEL certificate. If a student fails an NPTEL course and a faculty member is assigned to assess and evaluate the course, the student can appear for the makeup examinations. However, if a student fails an NPTEL course and no faculty member is assigned to assess and evaluate the course, or if the student has opted for the NPTEL examination, the student is not permitted to appear for the makeup examinations.

The Senate deliberated at length and approved a provision allowing final-semester undergraduate and postgraduate students, who registered for NPTEL courses in place of professional electives during the Spring Semester of AY 2025–2026, to appear for the makeup examinations scheduled from June 8 to 24, 2026, provided they are doubtful of passing the NPTEL examination. The following guidelines shall apply:

1) ***The total marks secured in the NPTEL course, inclusive of the final NPTEL examination, shall be treated as "A".***
2) ***The NPTEL sessional marks (excluding the final examination marks), when added to the marks secured in the makeup examination, shall be treated as "B".***
3) ***The higher of "A" and "B" shall be considered the final marks secured by the student in that NPTEL course.***
4) ***The marks obtained as above shall be converted into grades in accordance with the Institute's evaluation guidelines.***
5) ***This provision applies solely to final semester undergraduate/postgraduate students who have failed in the NPTEL examination.***
6) ***Students should pay the applicable makeup examination fee.***
7) ***In cases of ambiguity, the decision of the Chairman of the Senate shall be final and binding.***

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

2026-150-Senate-2	Action Taken Report on the Decisions Taken in 149th Senate Meeting

2026-149-Senate-1.1	Conversion of Ph.D. studentship from full-time to part-time.	The studentship has been converted from full-time to part-time, and an order has been released.
2026-149-Senate-1.2	Comprehensive examination during 4th semester.	The Senate decision has been communicated to the respective Departments.
2026-149-Senate-1.3	Extension of registration beyond eight years/re-admission.	Mr. Sankineni Rakesh has registered for the Spring Semester of the AY 2025-2026 and submitted the synopsis. However, Mr. Sachin Sood has not registered for the Spring Semester of AY 2024-2025 and Autumn Semester of AY 2025-2026, and has not taken re-admission for the Spring Semester of AY 2025-2026.
2026-149-Senate-1.4	Extension of registration beyond eight years.	Mr. Ravi Kanth Kotha has registered for the Spring Semester of the AY 2025-2026.
2026-149-Senate-1.5	Temporary break in Ph.D.	An order for a temporary break from the Ph.D. has been issued.
2026-149-Senate-1.6	Temporary break in Ph.D.	An order for a temporary break from the Ph.D. has been issued.
2026-149-Senate-1.7	Consideration of the research credentials completed.	The Senate decision has been communicated to the respective Departments and to the CDIS.
2026-149-Senate-1.8	Change/inclusion of co-supervisor.	The Senate decision has been communicated to the respective Departments.
2026-149-Senate-1.9	Cancellation of Ph.D. admission.	The cancellation orders have been issued.
2026-149-Senate-1.10	Temporary break of 3 semesters in Ph.D. for Ms. Ijjada Nandini.	An order for a temporary break from the Ph.D. has been issued.

2026-149-Senate-1.11	Change of supervisor for Ms. Tejavath Anoosha.	Prof. K. Anand Kishore (CH) is the new supervisor, and a new DSC has been constituted.
2026-149-Senate-1.12	Comprehensive examination of Ms. Anitha Manpati.	The recommendations of RPEC are placed before the 150th Senate for consideration.
2026-149-Senate-1.13	Cancellation of Ph.D. admission and award of MS by Research degree to Ms. Archana M.	Awaiting receipt of the RPEC recommendations.
2026-149-Senate-1.14	Enrollment in external online degree programs.	The information has been communicated to all the Departments.
2026-149-Senate-2	Action taken report on the decisions taken in 148th Senate meeting.	Noted.
2026-149-Senate-3	Introduction of a full-semester internship in the M.Sc. and Integrated M.Sc. programs.	The regulations have been updated.
2026-149-Senate-4	Confirmation of the minutes of the 148th Senate meeting.	The minutes of the 148th Senate meeting, confirmed by the Senate, have been uploaded to the Institute website.
2026-149-Senate-5	Results of Ph.D. viva-voce examination.	Noted.
2026-149-Senate-6	Results of Mr. D. Anil Kumar in ME6499: Dissertation Part B.	Noted.
2026-149-Senate-7	Results of Mr. Veggalam Prakash in NPTEL course.	Noted.
2026-149-Senate-8	Senate nomination of members to the Board of Governors.	Awaiting receipt of the recommendations from the Search and Selection Committee.
2026-149-Senate-9	Curricula and syllabi for new academic programs.	Awaiting receipt of the curriculum and syllabi documents from the respective Departments and subsequent recommendations from the Institute Curriculum Development and Monitoring Committee.

2026-149-Senate-10	Qualifications for admission to M.Tech in Quantum Technology.	The information has been communicated to the PIC (Admissions).
2026-149-Senate-11	Qualifications for admission to M.A. in English Language and Literature program.	The information has been communicated to the PIC (Admissions).
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 information has been communicated to the PIC (Admissions).
2026-149-Senate-13	Department-specific qualifications for Ph.D. admissions.	The information has been communicated to the PIC (Admissions).
2026-149-Senate-14	Revised guidelines for admission to part-time Ph.D.	The regulations have been updated.
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.	The regulations have been updated.
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 recommendations of RPEC are placed before the 150th Senate for consideration.
2026-149-Senate-17	Proposal to introduce new professional elective courses by the Department of Electrical Engineering.	Awaiting receipt of the curriculum and syllabi document from the Department of Electrical Engineering.
2026-149-Senate-18	Introduction of sustainability and ethics as a fractal course in the B.Tech curriculum.	Awaiting receipt of the syllabus from the Institute Curriculum Development and Monitoring Committee.

2026-149-Senate-19	Allotment of a supervisor to M.Tech students in the 1st semester.	The regulations have been updated.
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.	Awaiting receipt of proposals from ME, EE, EC, and CS, and subsequent recommendations from the Institute Curriculum Development and Monitoring Committee.
2026-149-Senate-21	Joint M.Tech program in Engineering Structures in collaboration with the Leipzig University of Applied Sciences, Germany.	The Senate decision has been communicated to the Department of Civil Engineering to initiate the process of signing the MoU.
2026-149-Senate-22	Collaboration with Micron Technology Operations India LLP.	Noted.
2026-149-Senate-23	External academic review of undergraduate and postgraduate programs, and research review of all departments.	The Dean (Academic) will present the consolidated external academic and research review report to the Senate in its next meeting.
2026-149-Senate-24	Curriculum and syllabi of M.Tech in Materials Science and Technology Program.	The curriculum and syllabi document has been uploaded to the Institute website.
2026-149-Senate-25	Any other item with the permission of the Chair.	No item discussed.

The Senate noted the action taken report.

2026-150-Senate-3	**Confirmation of the Minutes of the 149th Senate meeting**

The minutes of the 149th meeting of the Senate were circulated to all the senators. No comments were received from the Senators.

The Senate confirmed the minutes of the 149th Senate meeting.

2026-150-Senate-4	**Results of Ph.D. Viva-Voce Examination**

The results of the following Ph.D. students who have been provisionally awarded degrees after the 149th Senate meeting held on 23-03-2026, on approval of the Chairman of the Senate, are placed before the Senate for information.

PhD Results after the 149th Senate meeting

01	**Mr. Navam Shrivastava**	
	Department	**ME**
	Roll No.	720040
	Date of Viva-voce Examination	24.03.2026
	Foreign Examiner	Prof. Chirag Trivedi, Norwegian University of Science and Technology, Norway
	Indian Examiner	Prof. Sunil Kumar Singal, IIT Roorkee
	Supervisor(s)	Prof. Anant Kumar Rai
	Thesis Title	Analysis of Flow Characteristics and Hydro-Abrasive Erosion in Pelton Turbine Components
02	**Mr. Apurba Borah**	
	Department	**CY**
	Roll No.	21CYFJ183
	Date of Viva-voce Examination	24.03.2026
	Foreign Examiner	Prof. Buddha Deka Boruah, University College London, UK
	Indian Examiner	Prof. C. Subramaniam, IIT Bombay
	Supervisor(s)	Prof. Rajeshkhanna Gaddam
	Thesis Title	Development of Cost-Effective Transition Metal-Based Electrocatalysts for Alkaline and Alcohol-Assisted Hybrid Water Electrolysis and Direct Methanol Fuel Cell Applications
03	**Mr. Anindya Roy**	
	Department	**CY**
	Roll No.	720110
	Date of Viva-voce Examination	26.03.2026
	Foreign Examiner	Prof. Jim A. Thomas, University of Sheffield, UK
	Indian Examiner	Prof. Arindam Mukherjee, IISER Kolkata
	Supervisor(s)	Prof. Jugun Prakash Chinta, and Prof. Rajeshkhanna Gaddam
	Thesis Title	Design and Synthesis of Antioxidant Conjugated Poly-Pyridyl Analogues for Metal Ion Sensing and Cancer Therapy
04	**Ms. Varsha Kumari**	
	Department	**CS**
	Roll No.	21CSFJ138
	Date of Viva-voce Examination	30.03.2026
	Foreign Examiner	Prof. Kewei Sha, University of North Texas, USA
	Indian Examiner	Prof. Prasanta K. Jana, IIT(ISM) Dhanbad
	Supervisor(s)	Prof. Chapram Sudhakar
	Thesis Title	Non-Clairvoyant Task Offloading in Edge Computing

05	**Mr. Srikanth Bandi**	
	Department	**CY**
	Roll No.	720113
	Date of Viva-voce Examination	30.03.2026
	Foreign Examiner	Prof. James Blakemore, University of Kansas, USA
	Indian Examiner	Prof. Chivukula V. Sastri, IIT Guwahati
	Supervisor(s)	Prof. Raghu Chitta, and Prof. V. Rajeshkumar
	Thesis Title	Intramolecular Photo-Induced Energy Transfer Operating Benzothiazole-Borondipyrromethene-based Donor-Acceptor Systems: Design, Synthesis, and Application to Amyloid Binding
06	**Mr. Diwakar G. Sudhakar**	
	Department	**CE**
	Roll No.	22CER1Q01
	Date of Viva-voce Examination	30.03.2026
	Foreign Examiner	Prof. Nirajan Shiwakoti, RMIT University, Australia
	Indian Examiner	Prof. Ankit Gupta, IIT (BHU), Varanasi
	Supervisor(s)	Prof. K.V.R. Ravishankar
	Thesis Title	Surrogate Safety Analysis and Risk Modelling of Entry-Circulating Vehicle Conflicts at Roundabouts under Mixed Traffic Conditions
07	**Ms. Karri Hemalatha**	
	Department	**CE**
	Roll No.	701915
	Date of Viva-voce Examination	02.04.2026
	Foreign Examiner	Prof. Nishant Garg, University of Illinois Urbana-Champaign, USA
	Indian Examiner	Prof. G. Appa Rao, IIT Madras
	Supervisor(s)	Prof. Ravi Prasad Darapureddi
	Thesis Title	Flexural Studies on Concrete Beams Reinforced with Glass Fiber Reinforced Polymer Bars and Steel Rebars
08	**Ms. Vrinda Garg**	
	Department	**PH**
	Roll No.	21PYFJ166
	Date of Viva-voce Examination	13.04.2026
	Foreign Examiner	Prof. Junjie Li, Kyushu University, Japan
	Indian Examiner	Prof. Neelanjana Sengupta, IISER Kolkata
	Supervisor(s)	Prof. Surya K. Ghosh
	Thesis Title	Crowding and Confinement Facilitated Polymer Dynamics

09	**Mr. Vinod Mahor**	
	Department	**CS**
	Roll No.	21CSPJ136
	Date of Viva-voce Examination	15.04.2026
	Foreign Examiner	Prof. Wang L., Nanyang Technological University, Singapore
	Indian Examiner	Prof. Vivek Chaturvedi, IIT Palakkad
	Supervisor(s)	Prof. R. Padmavathy
	Thesis Title	Design and Analysis of Authentication and Access Control Schemes for Resource Constrained Environments
10	**Mr. Gouranga Maharana**	
	Department	**PH**
	Roll No.	721102
	Date of Viva-voce Examination	21.04.2026
	Foreign Examiner	Prof. Fanxing Li, North Carolina State University, USA
	Indian Examiner	Prof. R. Thangavel, IIT (ISM) Dhanbad
	Supervisor(s)	Prof. D. Paul Joseph
	Thesis Title	Spray Pyrolyzed Degenerate SnO2 based Transparent Conducting Thin Film Electrodes for Water Remediation and Clean Energy Generation
11	**Mr. Murimadugula Sathaiah**	
	Department	**PH**
	Roll No.	718162
	Date of Viva-voce Examination	21.04.2026
	Foreign Examiner	Prof. Håvard Jostein Haugen, University of Oslo, Norway
	Indian Examiner	Prof. V. V. Raghavendra Sai, IIT Madras
	Supervisor(s)	Prof. P. Syam Prasad
	Thesis Title	Development and Optimization of Therapeutic Ion-Doped Bismuth Borate Bioactive Glasses for Bone Tissue Engineering
12	**Mr. Murukessan A.P.**	
	Department	**CS**
	Roll No.	701955
	Date of Viva-voce Examination	27.04.2026
	Foreign Examiner	Prof. Monia Mohammed Ben Haj Alouane, King Khalid University, Saudi Arabia
	Indian Examiner	Prof. Pradip Kumar Das, IIT Guwahati
	Supervisor(s)	Dr. Mettu Srinivas
	Thesis Title	Deep Learning Approaches for Medical Image Data Analysis

13	**Ms. Lakshmi Venkataramana Puriparthi**	
	Department	**PH**
	Roll No.	21PYPJ168
	Date of Viva-voce Examination	29.04.2026
	Foreign Examiner	Prof. Christoph Trauernicht, Stellenbosch University, South Africa
	Indian Examiner	Prof. Rayala Suresh Kumar, IIT Madras
	Supervisor(s)	Prof. T. Venkatappa Rao
	Thesis Title	Dosimetric Evaluation of Advanced Radiotherapy Techniques for Treatment of Gynaecological and Breast Cancers
14	**Mr. Mantri Sandeep Kumar**	
	Department	**ME**
	Roll No.	721035
	Date of Viva-voce Examination	04.05.2026
	Foreign Examiner	Prof. Tadhg O'Donovan, Heriot-Watt University, UK
	Indian Examiner	Prof. Sandip Kumar Saha, IIT Bombay
	Supervisor(s)	Prof. Satyanand Abraham
	Thesis Title	Experimental and Numerical Investigations of Local Flow and Heat Transfer Characteristics in an Annular Channel with Various Turbulators
15	**Mr. Mamedipaka Ramesh**	
	Department	**ME**
	Roll No.	721054
	Date of Viva-voce Examination	07.05.2026
	Foreign Examiner	Prof. Clodualdo Aranas, University of New Brunswick, Canada
	Indian Examiner	Prof. Nilesh Prakash Gurao, IIT Kanpur
	Supervisor(s)	Prof. Shivraman
	Thesis Title	Process – Structure – Property Correlation of Wire Arc Additive Manufactured Stainless Steel

The Senate noted the above results.

2026-150-Senate-5	**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 research 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, in its 149th meeting, agenda item no. 16, referred the proposal to RPEC for its recommendations. The RPEC recommended that publications from the listed journals that mandate the listing of authors in alphabetical order be counted towards the publication requirement for the pre-synopsis seminar, subject to documentary evidence in each such case. The Chairman of the Senate has approved the RPEC recommendations.

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

2026-150-Senate-6	**Modifications in the Academic Regulations of the M.Tech and Postgraduate Programs for Conducting Comprehensive Viva Voce**

As per the 2024 Academic Regulations of Postgraduate (PG) Programs, such as M.Sc, M.Sc (Tech), Int. M.Sc, MBA, and MCA, the Comprehensive Viva Voce shall be conducted by a committee constituted by the Head of the Department, comprising an expert from outside the Institute nominated by the Director. However, as per the 2024 Academic Regulations of M.Tech, the Comprehensive Viva Voce shall be conducted by a committee constituted by the Head of the Department, comprising an expert from the Allied Department nominated by the Dean (Academic). To ensure a uniform policy across all PG programs, including M.Tech, it is proposed that the Comprehensive Viva Voce be conducted by a committee constituted by the Head of the Department, comprising either:

a) An expert from the Allied Department nominated by the Dean (Academic), or
b) An expert from outside the Institute nominated by the Director.

The Chairman of the Senate has approved the above modifications in the academic regulations of the M.Tech and PG programs.

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

2026-150-Senate-7	Revised Academic Calendar for the Summer Classes of AY 2025-2026

The revised Academic Calendar for the Summer Classes of Academic Year 2025-2026, applicable only for first-year and second-year undergraduate courses, is shown below:

NATIONAL INSTITUTE OF TECHNOLOGY WARANGAL

SUMMER CLASSES ACADEMIC CALENDAR: 2025-2026 May – July 2026

Only for I and II Year Undergraduate Courses

Commencement of Classwork: 18th May 2026

	Classwork Commences/ Last Working Day		Mid. / End Exams		Registration		Closed Holidays

a)

SUN	MON	TUE	WED	THU	FRI	SAT
May 3	May 4	May 5	May 6	May 7	May 8	May 9
May 10	May 11	May 12 Registration for Summer Courses & Makeup Examinations	May 13 Registration for Summer Courses & Makeup Examinations	May 14 Registration for Summer Courses & Makeup Examinations	May 15 Registration for Summer Courses & Makeup Examinations	May 16 Registration for Summer Courses & Makeup Examinations
May 17 Registration for Summer Courses & Makeup Examinations	May 18 Commencement of Summer Classwork	May 19	May 20	May 21	May 22	May 23
May 24	May 25	May 26	May 27 Id-ul-Zuha	May 28	May 29	May 30
May 31 Submission of Spring Semester Course Files to the Department	June 1	June 2	June 3	June 4 Mid Examinations	June 5 Mid Examinations	June 6 Mid Examinations
June 7	June 8	June 9	June 10	June 11	June 12	June 13
June 14	June 15	June 16	June 17	June 18	June 19 Last Working Day	June 20
June 21	June 22 End Examinations	June 23 End Examinations	June 24 End Examinations	June 25	June 26 Muharram	June 27
June 28	June 29 Verification of End Examination Answer Scripts	June 30	July 1 DAC Meeting	July 2	July 3 Submission of Grades to the Examination Section	July 4
July 5	July 6 Submission of Grades to SUGC & SPGC	July 7	July 8	July 9 Senate Meeting	July 10 Publication of Results	July 11
July 12	July 13 Registration for Autumn Semester	July 14 Registration for Autumn Semester	July 15 Registration for Autumn Semester	July 16 Registration for Autumn Semester	July 17 Registration for Autumn Semester	July 18 Registration for Autumn Semester
July 19 Registration for Autumn Semester	July 20 Commencement of Autumn Semester Classwork	July 21	July 22	July 23	July 24 Last Date for Payment of Fee with Fine & Reg.	July 25

 # Makeup Examinations will be conducted from June 8 to 24, 2026.

MAJOR ACTIVITIES IN THE ACADEMIC CALENDAR

SUMMER CLASSES OF ACADEMIC YEAR 2025-2026

Only for I and II Year Undergraduate Courses

S. No.	Activity	Dates
1.	Payment of Fee and Online Registration	May 12-17, 2026
2.	Commencement of Classwork	May 18, 2026
3.	Mid Examinations	June 4-6, 2026
4.	Last Working Day	June 19, 2026
5.	Makeup Examinations	June 8-24, 2026
6.	End Examinations	June 22-24, 2026
7.	Verification of End Answer Scripts	June 29, 2026
8.	DAC Meeting	July 1, 2026
9.	Submission of Grades to the Examination Section	July 3, 2026
10.	Submission of Grades to SUGC and SPGC	July 6, 2026
11.	Senate Meeting	July 9, 2026
12.	Publication of Results	July 10, 2026
13.	Payment of Fee and Online Registration for Autumn Semester	July 13-19, 2026
14.	Commencement of Autumn Semester Classwork for AY 2026-2027	July 20, 2026
15.	Payment of Fee with Fine	July 20-24, 2026
16.	Last Date for Registration	July 24, 2026

The Chairman of the Senate has approved the revised Academic Calendar for Summer Classes of Academic Year 2025-2026.

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

2026-150-Senate-8	**Distribution of the Intake in the New M.Tech Programs Based on the GATE Paper into Various Groups for Admission through CCMT**

The Admissions Team, in coordination with the respective departments, distributed the intake in the new M.Tech programs based on the GATE paper into various groups as shown in the following tables for admission through the Centralized Counselling for M.Tech/ M.Arch/ M. Plan Admissions (CCMT):

S. No.	Academic Program	Group 1	Group 2	Group 3	Group 4
1	M.Tech in Artificial Intelligence	CS	DA	EC	EE
2	M.Tech in Quantum Technology	CS/DA	EC/IN	MA/ST/ PH/MT	-
3	M.Tech in Materials Science and Technology	MT/ME	PI/CE/AE/PH/CY/DA/NM/MN/CH/BM/ES/PE	-	-

GATE Paper Codes: Aerospace Engineering (AE), Biomedical Engineering (BM), Civil Engineering (CE), Chemical Engineering (CH), Computer Science and Information Technology (CS), Chemistry (CY), Data Science and Artificial Intelligence (DA), Electronics and Communication Engineering (EC), Environmental Science and Engineering (ES), Instrumentation Engineering (IN), Mathematics (MA), Mechanical Engineering (ME), Mining Engineering (MN), Metallurgical Engineering (MT), Naval Architecture and Marine Engineering (NM), Petroleum Engineering (PE), Production and Industrial Engineering (PI), Physics (PH), and Statistics (ST).

S. No.	Academic Program	Group 1	Group 2	Group 3	Group 4	Total
1	M.Tech in Artificial Intelligence	3	4	4	4	15
2	M.Tech in Quantum Technology	6	5	4	-	15
3	M.Tech in Materials Science and Technology	10	5	-	-	15

The Chairman of the Senate has approved the above distribution of intake in the new M.Tech programs for admission through CCMT.

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

2026-150-Senate-9	**Results of Undergraduate and Postgraduate Programs, and PhD Coursework for the Spring Semester of Academic Year 2025-2026**

The undergraduate and postgraduate program results, along with Ph.D. coursework, recommended by the Senate Undergraduate Committee (SUGC) and the Senate Postgraduate Committee (SPGC), respectively, have been shared with all the Senators. The Chairpersons of SUGC and SPGC have presented the results to the Senate.

The Senate approved all results of undergraduate and postgraduate programs, and Ph.D. coursework for the Spring Semester of Academic Year 2025-2026. Further, the Senate observed that the current module deployed on the National Institute of Technology Warangal Automation System (NITWAS) only allows submission of mid-semester marks. The Senate suggested the Head of the Centre for Digital Infrastructure and Services (CDIS) to enable the provision for submitting the following for students under both 2021 and 2024 regulations: (i) End Semester Marks, (ii) Mid Semester Marks, (iii) Teacher Assessment and Attendance Marks, as applicable. Once all marks for a course have been submitted, the grades and statistics shall be generated. The Chairman of the Senate stressed that the NITWAS should be robust and user-friendly.

To monitor and review the implementation process of the above module in NITWAS, the Senate constituted a committee with the following members:

1) ***Prof. Rashmi Ranjan Rout, CS [Chairperson]***
2) ***Prof. S. Ravi Chandra, CS [Member]***
3) ***Prof. K. Kiran Kumar, ME [Member]***
4) ***Prof. R.S. Selvaraj, MA [Member]***
5) ***PIC (Examinations) [Convenor]***

2026-150-Senate-10	**Registration of Backlog Courses in Examination Mode In Lieu of Study Mode**

As per the existing academic regulations, if a student fails to secure a 'P' or better grade in the regular or immediate makeup examinations, he/she has to register for that course in study mode whenever it is offered. Such students have to first register for the backlog courses, followed by the regular courses, subject to the applicable maximum number of credits. However, students are forced to drop regular courses to attend backlog courses due to timetable constraints, even though they are eligible to register for the maximum number of credits based on their CGPA. In view of this, the Head of the Department of Computer Science and Engineering has submitted a proposal to the 148th Senate to allow the registration of all backlog courses in examination mode rather than study mode. A student registering in examination mode does not have to attend classwork and will only write the end-semester examinations directly. Subsequently, the Senate, in its 148th

meeting, constituted a committee to examine the proposal and to submit its recommendations. The committee's recommendations to the Senate are listed below:

- The proposal to register all backlog courses in "Examination Mode" (instead of "Study Mode") may be permitted for students admitted in the Academic Year 2025 onwards (these students have not yet been affected by the regulations).
- The students may be permitted to register any number of backlog courses in "Examination Mode", any number of times, whenever they are conducted.
- It may be permitted to allow the students to register for the backlog courses in "Study Mode", if they wish.
- It is also recommended to retain the maximum number of credits that can be registered in "Study Mode" based on their CGPA as stipulated in Clause 7.12.

Clause 7.12 of Academic Regulations for UG Programs:

- *A student with a CGPA of 5.0 or above is eligible to register for courses in the next semester with the following conditions:*
  - *Mandatory registration for backlog courses first in study mode, and the remaining from the courses offered in the next semester, so that the maximum credit registration should not exceed 25 credits.*
  - *The timetable should permit.*
  - *A clear recommendation from the Faculty Advisor for the registration of courses.*
- *A student with a CGPA below 5.0 will be placed on slow-paced learning. The student will be permitted to take courses both backlogs and next semester at a slower pace, satisfying the following conditions:*
  - *Mandatory registration for backlog courses first in study mode and the remaining from the courses offered in the next semester, so that the maximum credit registration should not exceed 20 credits.*
  - *The timetable should permit.*
  - *A clear recommendation from the Faculty Advisor for the registration of courses.*

The Senate deliberated at length and approved the committee's recommendations. However, the Senate resolved that students can register for a maximum of two backlog courses in examination mode. The students registering for a backlog course in examination mode will write only the end-semester examination. The sessional marks secured previously (mid-semester examination, teacher assessment, and attendance) will be added to the marks secured in the end-semester examination. The total marks thus obtained shall be converted into grades in accordance with the Institute's evaluation guidelines.

2026-150-Senate-11	**Modalities of Introducing Artificial Intelligence and Machine Learning across all B.Tech Programs**

The Senate, in its 148th meeting, approved the proposal for introducing the new course, Artificial Intelligence and Machine Learning, as a mandatory course in the 2nd year across all B.Tech programs, effective from the Academic Year 2026-2027. Further, the Senate authorized the Chairman of the Senate to constitute a committee to propose the modalities of introducing the course into the B.Tech curriculum and to develop the syllabus for this course. Accordingly, a committee was constituted comprising the following members:

1) Prof. Pisapati Radhakrishna, CS (Chairperson)
2) Prof. T. Kishore Kumar, EC (Member)
3) Prof. Ch. Sudhakar, CD (Member)
4) Prof. Rashmi Ranjan Rout, CS (Member)
5) Prof. Meher Preetam Korukonda, EE (Member)

The committee critically reviewed the similar existing advanced courses offered at various IITs and NITs and submitted its report, which is placed at Annexure 1. The Chairperson of the committee presented the committee's recommendations and the syllabus to the Senate.

The Senate deliberated at length and approved the committee's recommendations. However, the Senate resolved to include the course in the 4th semester for all B.Tech programs, effective for students admitted from the Academic Year 2025-2026. That is, the course will begin from the Spring Semester of Academic Year 2026-2027. The Senate advised all the Departments to include the course in the 4th Semester for all the B.Tech programs offered in their Departments, and to suitably shift an existing 4th semester course to other semesters so that the 5 theory and 2 laboratory course structure is ensured in the B.Tech program curriculum. The Departments can include specific prerequisites. Further, B.Tech programs with an existing mandatory course on "Artificial Intelligence and Machine Learning" need not include the above course in the curricula.

2026-150-Senate-12	**Extension of Memorandum of Agreement between AIT Thailand and NIT Warangal to Include Two M.Tech Programs**

The Senate, in its 142nd meeting, approved collaboration with the Asian Institute of Technology (AIT), Thailand. Accordingly, the Institute has signed Memoranda of Agreement (MoA) with AIT Thailand to offer a Dual Master's Degree Program (DMDP) in several specializations jointly offered by AIT Thailand and NIT Warangal. To begin with, the programs offered included the Master's Program in "Remote Sensing and Geographic Information Systems" at AIT Thailand and the Master's Program in "Geoinformatics" at NIT Warangal. The Department of Civil Engineering has submitted a proposal to extend this MoA to another two M.Tech specializations. These programs include the Master's Programs in "Structural Engineering", and "Water Engineering and Management" at AIT Thailand, and the Master's Programs in "Engineering Structures", and "Water Resources Engineering" 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 by the award of a Dual Degree by both Institutions. Upon successful completion of the program requirements, students will be awarded a Master of Technology degree from NIT Warangal and a Master's degree from AIT Thailand. The details, such as admission requirements, curricula, and fee structure, for the DMDPs are available in Annexure 2.

The Senate approved the above proposal.

2026-150-Senate-13	**Curriculum and Syllabi of M.Tech in Artificial Intelligence Program**

The Departmental Curriculum Development Committee has developed a detailed curriculum and syllabi for the M.Tech in Artificial Intelligence, offered by the Department of Computer Science and Engineering, in collaboration with the Departments of Computational and Data Science, Electrical Engineering, and Electronics and Communication Engineering. The Institute Curriculum Development and Monitoring Committee recommended the curriculum and syllabi. It is proposed to implement the curriculum and syllabi for the M.Tech in Artificial Intelligence program, with effect from

Academic Year 2026-2027. The Head of the Department of Computer Science and Engineering has presented the curriculum and syllabi for the M.Tech in Artificial Intelligence program to the Senate.

The Senate approved the curriculum and syllabi of M.Tech in Artificial Intelligence.

2026-150-Senate-14	**Curriculum and Syllabi of MA in English Language and Literature**

The Departmental Curriculum Development Committee has developed a detailed curriculum and syllabi for the MA in English Language and Literature offered by the Department of Humanities and Social Science. The Institute Curriculum Development and Monitoring Committee recommended the curriculum and syllabi. It is proposed to implement the curriculum and syllabi for the MA in English Language and Literature program, with effect from Academic Year 2026-2027. The Head of the Department of Humanities and Social Science has presented the curriculum and syllabi for the MA in English Language and Literature to the Senate.

The Senate advised the Department of Humanities and Social Science to revise the curriculum for the MA in English Language and Literature and suggested the following changes in the curriculum:

- ***Include one laboratory course in each semester.***
- ***Reduce the maximum number of credits per course from 4 to 3.***
- ***Correct the professional elective codes.***
- ***Include one course each from the Department of Computer Science and Engineering and the Department of Management Studies.***
- ***Include group discussion.***
- ***Collaborate with the English and Foreign Languages University, Hyderabad, to co-teach some of the courses.***
- ***Adopt a 5+2 structure for each semester in the curriculum: 5 theory courses, and 2 laboratory/group discussion/etc.***

Further, the Senate authorized the Chairman of the Senate to approve the revised curriculum and syllabi for the MA in English Language and Literature program.

2026-150-Senate-15	**Proposal to Introduce New Professional Elective Courses by the Department of Chemical Engineering**

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

- CH1341: Granular Mechanics [Professional Elective I for B.Tech Chemical Engineering]
- CH1342: Sustainable Food Packaging [Professional Electives II and III for B.Tech Chemical Engineering]
- CH16075: Electro-Hydrodynamics of Nano-Dispersed Systems [Professional Electives I and II for M.Tech Chemical Engineering]

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

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

2026-150-Senate-16	**Any Other Item with the Permission of the Chair**

16.1) Proposal to Introduce a New Professional Elective Course by the Department of Biotechnology

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

- BT1327: Biocatalysis and Biotransformations [Professional Elective I for B.Tech Biotechnology]

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

The Senate approved the new professional elective course proposed by the Department of Biotechnology.

16.2) Comprehensive Examination during 4th Semester

The respective DSCs have recommended the comprehensive examination results for which the oral examination was conducted in the 3rd week of the 4th semester for the following research scholars:

S. No.	Name of the Research Scholar	Roll No.	Remarks
1	Mr. Siva Prasad Rao Dasari	24EER1R06	Respective DSCs stated that the delay in conducting the comprehensive oral examination was due to the tight schedule for results processing and semester registrations. Further, the comprehensive oral examination was conducted in the 4th semester without obtaining approval to constitute the Ph.D. comprehensive examination committee.
2	Mr. Botta Naidu	24EER1P01	

The recommendations of respective DSCs and DAC(PG&R) are placed before the Senate for consideration.

The Senate approved the comprehensive examination results of the above research scholars and advised all Departments to strictly adhere to the Academic Calendar.

16.3) New M.Tech Program in Aerospace Engineering

The Senate encouraged the Department of Mechanical Engineering to deliberate within the Department and submit a proposal to start a new M.Tech Program in Aerospace Engineering from the Academic Year 2027-2028.

The meeting ended with thanks to the Chair.

04.08.2026

Sri. Sunil Kumar Mehta
Registrar and Secretary

Prof. Venkaiah Chowdary 04/08/2026
Dean (Academic)

4/8/26

Prof. Bidyadhar Subudhi
Director and Chairman

Annexure 1

National Institute of Technology Warangal

Committee Report on the Modalities of introducing Artificial Intelligence and Machine Learning across all B. Tech. Programs

National Institute of Technology Warangal

B. Tech. Programs

Proposed Modalities and Syllabus for the Mandatory Course "**Artificial Intelligence and Machine Learning**" (effective from the Academic Year 2026-2027).

Ref: OFFICE ORDER No. 651/ 2025

Course Title: Artificial Intelligence and Machine Learning

Course Type: Mandatory course for all B.Tech programs

Offered in: Second Year (for all branches)

L–T–P–C: 2–0–2–3

Pre-requisites: None

Course Rationale

Artificial Intelligence (AI) and Machine Learning (ML) are transforming engineering practice across domains such as manufacturing, healthcare, transportation, communication, finance, and digital services. Engineers of all disciplines increasingly interact with data-driven systems and intelligent software. Therefore, it is essential that undergraduate engineering students acquire a foundational understanding of data analytics, machine learning techniques, and modern AI systems.

This course introduces the fundamental concepts of AI and ML, along with practical exposure to data-driven problem solving. It aims to equip students with the ability to understand data, apply basic learning techniques, and appreciate how modern AI technologies such as deep learning and generative AI are used in real-world engineering and societal applications.

Course Objectives

The course aims to:

1. Introduce the fundamentals of data analytics and data-driven decision making.
2. Provide foundational knowledge of artificial intelligence and machine learning techniques.
3. Familiarise students with deep learning concepts and key application domains.
4. Introduce emerging paradigms such as generative AI and agentic systems.
5. Enable students to understand and explore AI applications relevant to different engineering disciplines.

Course Outcomes

CO-1	Understand the role of data in modern engineering systems and perform basic exploratory data analysis.
CO-2	Explain core concepts of artificial intelligence and machine learning, including regression, classification, and clustering, and apply to simple datasets and interpret results
CO-3	Describe the working principles of neural networks and major deep learning architectures.
CO-4	Understand the capabilities and limitations of large language models and generative AI systems.
CO-5	Develop solutions to various AI and ML applications across different engineering and societal domains.

Pedagogical Approach

The course will adopt a balanced approach that combines conceptual lectures, demonstrations, case studies, and hands-on laboratory exercises. Application examples will be drawn from diverse engineering domains such as manufacturing, electronics, communication systems, civil infrastructure, healthcare, energy systems, and environmental monitoring to ensure relevance across all B.Tech disciplines.

The course aims to provide engineering students with foundational AI literacy and practical awareness of intelligent systems. It will enable students to effectively engage with AI technologies in their respective disciplines and will also serve as a foundation for advanced electives in artificial intelligence, machine learning, data science, and intelligent systems.

Course Syllabus

Data Analytics Foundations - Introduction to data and its role in engineering systems. Nature of the Data (e.g., sequence, time-series, temporal, spatial); Structured data: relational databases and NoSQL databases. Unstructured and semi-structured data: text, images, video, audio, and multimodal data. Data collection and preprocessing. Data visualization techniques. Statistical data analysis. Exploratory data analysis and interpretation of patterns in data.

Foundations of Artificial Intelligence - Introduction to Artificial Intelligence, Problem-solving agents and agent-based systems: perception, reasoning, and action; Search Vs Optimization, Classical AI approaches and rule-based systems. Introduction to machine learning. Supervised learning: regression and classification techniques. Unsupervised learning: clustering methods. Overview of learning paradigms (e.g., supervised, unsupervised, semi-supervised learning, reinforcement learning, and active learning). Evaluation of machine learning models.

Deep Learning and Applications - Basics of neural networks: perceptron, multilayer neural networks, backpropagation, gradient descent optimization. Introduction to deep learning. Overview of major deep learning architectures: sequence models for text analysis (RNN, LSTM), and convolutional neural networks for computer vision. Applications of deep learning (e.g., question answering, image classification, image captioning, and machine translation).

Generative and Agentic AI - Introduction to generative AI. Large language models and transformer architectures such as BERT and GPT. Prompt engineering and interaction with AI systems. Conversational AI and chatbots. Overview of agentic AI systems and autonomous AI assistants, Connect agents with modern LLM-powered systems - Agentic AI systems and LLM-powered agents for task automation, tool use, and workflow orchestration. Applications of transformer-based models in domains such as legal document analysis, text analytics, and knowledge extraction. Overview of Visual transformers and multimodal AI systems (e.g., Vision Transformers and models such as Gemini).

The practical component will provide hands-on exposure to basic data analytics and machine learning tools (e.g., open-source platforms, WEKA, Python libraries, LLAMA). Students will work on small datasets and perform tasks such as data visualization, simple predictive modeling, and experimentation with pre-trained AI models. The laboratory component will emphasize understanding concepts through experimentation rather than extensive programming.

Learning Resources:

Text Books:

1. Stuart Russell, Peter Norvig, Artificial Intelligence -A Modern Approach, Pearson, 2020, 4th Edition.
2. David L. Poole & Alan K. Mackworth, Artificial Intelligence Foundations of Computational Agents, 3rd edition, Cambridge University Press 2023
3. Tom M. Mitchell, Machine Learning, McGraw Hill.
4. Ian Goodfelllow, Yoshua Benjio, Aaron Courville, Deep Learning, The MIT Press.
5. Aurélien Géron, Hands-On Machine Learning with Scikit-Learn, Keras, and TensorFlow, 2nd Edition, Oreilly

Reference Books:

1. Kevin Knight, Elaine Rich and Shivshankar B. Nair, Artificial Intelligence, McGraw Hill, 2017, 3rd Edition.
2. Simon Hayking, "Neural Networks and Learning Machines", Pearson, 1999
3. Charu C. Aggarwal. Neural Networks and Deep Learning: A Textbook. Springer. 2019.
4. C Bishop, Pattern Recognition and Machine Learning, Springer, 2006.

19/3/26
Prof. T Kishore Kumar (EC)

Prof. Ch Sudhakar (CD)

19/3/26
Prof. Rashmi Ranjan Rout (CS)

19/3/26
Prof. Meher Preetam Korukonda (EE)

19/3/2026
Prof. P. Radha Krishna (CS)
[Chairperson]

Annexure - 1

Reviewed the AI and ML Programmes of the following Institutions

1. IIT Bombay – Introduction to Machine Learning
2. IIT Jammu – AI
3. IIT Delhi – (i) Fundamentals of Machine Learning, (ii) AI
4. IIT Dhanbad – Introduction to Applied AI
5. IIT Guwahati – Minor program – AI, Machine learning, Deep Learning, multimodal data processing and Learning, mathematical foundations of Data Science
6. IIT Hyderabad – Deep Learning
7. IIT Kanpur – Introduction to Machine Learning
8. IIT Kharagpur – AI Foundations and Applications
9. IIT Mandi – Machine Learning
10. NIT Trichy – Introduction to AI and Machine Learning

Annexure 2

Appendices

Appendix 1- Programs Offered

Table 1: Programs Offered

Masters Program at AIT	Masters Program at NITW
• Remote Sensing and Geographic Information Systems	• Geoinformatics
• Structural Engineering	• Engineering Structures
• Water Engineering and Management	• Water Resources Engineering

- *Programs offered can be subject to amendment and/or modification by mutual consent in writing.*
- *Detailed syllabus will be shared by both parties upon request.*

Appendix 2: Admission Requirements

2.1 AIT admission requirements:

(1) Students entering the program must have a Bachelor degree or equivalent from a reputable university and a good academic record. Applicants with borderline academic records should provide additional evidence of compensating factors such as work experience.

(2) The AIT English requirement is IELTS 6.0. Some students with lower English scores are admitted conditional on attendance of an intensive English Bridging Program with the AIT Language Center and additional English instruction during the first year.

(3) To be eligible to transfer to National Institute of Technology Warangal of their second year, AIT students should obtain the minimum CGPA of 2.75 in their coursework and test for English proficiency at the level of IELTS 6.0.

(4) AIT and NITW will jointly promote the dual degree program in Asia. Interested students should first gain admission to AIT. Students who are admitted to AIT and interested in the dual degree may apply any time up to the application deadline, which will be announced early in the August semester of students' first year at AIT. Applications will be gathered by AIT and submitted to NITW.

(5) A selection committee with representatives of both AIT and National Institute of Technology Warangal will rank the candidates and offer admission to the most qualified. Selection will be conditional on eventually meeting the requirements for transfer to NITW mentioned above.

2.2 NITW Admission requirements:

(1) To be eligible to transfer to National Institute of Technology Warangal in mid-July of their second year, AIT students should obtain the minimum CGPA of 2.75 in their coursework and test for English proficiency at the level of IELTS 6.0.

(2) Grade point averages from non-U.S. universities will be evaluated by NITW's Office of International Admissions.

(3) Letters of recommendation from AIT

(4) Masters Transcripts from AIT.

2.3 English Requirements prior to joining AIT for Master's Program at AIT:

Table 2: Table of Equivalency in English Proficiency Tests

IELTS	AIT-EET	TOEFL ITP	TOEFL Paper (Writing Band)	TOEFL CBT (Writing band)	TOEFL IBT (Writing Band)
4.5	4.5	543	475 (49-51)	152 (17-19)	50 (12-13)
5	5	543	500 (52-55)	173 (20-22)	60 (14-17)
5.5	5.5	543	525 (56-58)	196 (23-24)	70 (18-20)
6	6	543	550 (59-61)	213 (25-26)	80 (21-23)

- *The AIT English Entry Test (AIT-EET) will be conducted by AIT Language Center online or on-campus. The test fee of THB800 will be borne / paid by students. This fee rate (THB800) is only applicable to students within the Unified Program.*
- *AIT Entrance/Exit English requirement is 6.0. Conditional offers will be given to those with 5.0 and 5.5 on the condition that students attend and successfully complete compulsory English classes before enrolling for thesis credits.*
- *Only IELTS and TOEFL scores that are not older than 2 years prior to joining AIT are acceptable.*

2.4 English Requirements prior to joining AIT for Master's Program at NITW:

(1) In addition to meeting the standard academic criteria for the program to which candidates apply, international applicants must also demonstrate English proficiency.
(2) All international students must take one of the tests indicated (Table 2) and meet the university minimum score requirement.

Appendix 3A: Structure & Curriculum for Geoinformatics DMDP

3A.1 Structure

Students in the program will follow this schedule for the two years:

(1) The credit requirements of AIT and NITW is 48 and 66-70 respectively

(2) In purview of these requirements, a total of 66 credit requirement is proposed for this AIT-NITW DMDP that would be divided to each institute according to their own credit system. With this an equivalence of 26 credits at AIT to 40 credits at NITW in the first year of study, while 22 credits at AIT to 26 credits at NITW for the second year of study is established.

(3) The credit points earned from one institute would be transferred to the other to fulfill the criteria of total credit requirements.

The credit requirements are as per the present guidelines which may be revised from time to time

Table 3: Structure of the Program for AIT-NITW DMDP

Semester	Venue	Credits (AIT)		Credits (NITW)	
		Earned	Transferred	Earned	Transferred
1	AIT	**12**			19
2	AIT	**12**			21
Intersem	AIT	**2**			
3	NIT		**10**	**14**	
4	NIT		**12**	**12**	
TOTAL		**48 credits**		**68 credits**	

3A.2 Curriculum:

(a) I & II Semesters at AIT

Table 4: Courses at AIT during I & II Semesters

	1 credit = 15 lecture hours or 30 lab hours		
Course Name	**Credits**	**Semester**	**Venue**
Geographic Information Systems	3	August	Required
Remote Sensing	3	August	Required
Elective Course	3	August	
Elective Course	3	August	
Geographic Information Systems	3	January	Required
Remote Sensing	3	January	Required
Digital Image Processing in Remote Sensing	3	January	Required
Elective Course	3	January	
Elective Course	2	Intersem	AIT

ELECTIVES OFFERED AT AIT			
Digital Photogrammetry	2(1-3)	August	Elective
Web GIS Technology	1(1-3)	August	Elective
Introduction to Spatial information Engineering	1(1-0)	August	Elective
Aerospace Technology	2(2-0)	August	Elective
Principles and Application of InSAR	1(1-0)	August	Elective
Positioning and Location-Based Services Technology	1(1-0)	August	Elective
Introduction to Global Navigation Satellite Systems	1(1-0)	August	Selective
Microwave Remote Sensing	2(2-0)	January	Elective
Advance Mapping Techniques	2(2-0)	January	Elective
Advance Spatial Analysis Methods	3(2-3)	January	Elective
Data Modelling for Geospatial Information	1(1-0)	January	Elective
Geospatial Modelling for Environment	2(1-3)	January	Elective
Unmanned Aerial Vehicle Application and Processing	1(1-0)	January	Elective
Research Methodology in Geoinformatics	1(1-0)	January	Elective
Spacecraft Dynamics and Control	2(1-3)	January	Selective Topic
Remote Sensing Data Analysis	2(1-3)	InterSem	Elective
Free and Open Source Software and for Geospatial Analysis	2(1-3)	InterSem	Elective
Geospatial Data Processing and Management	2(1-3)	InterSem	Elective
GIS Programming and Modeling	3(2-3)	InterSem	Elective

(b) III & IV at NITW

Table 5: Courses at NITW during III & IV Semesters

III Semester (NITW)

S. No.	Course Code	Course Title	Credits
1	CE46089	Seminar and Technical Writing	2
2	CE46091	Short Term Industrial / Research Experience	2
3	CE46093	Comprehensive Viva-Voce	2
4	CE46097	Dissertation Part – A	8
Total Credits			14

IV Semester (NITW)

S. No.	Course Code	Course Title	Credits
1	CE46098	Dissertation Part - B	12
Total Credits			12

3A.3 Thesis and Thesis Defense:

(1) Students on the thesis track are required to submit a thesis to AIT and NITW in addition to completing the credit requirements.
(2) The thesis can be supervised by two faculty members from both NITW. The supervisors will form a panel to evaluate the thesis and conduct a thesis defense.
(3) One thesis defense seminar will be sufficient for completing the requirement of thesis defense at both the Institutes.
(4) A successful thesis defense will be mandatory for award of degree.

3A.4 Exit Option:

(1) Students in the AIT-NITW Dual Masters programme with NITW as the admitting Institute may exit the programme and opt for change of programme to the Postgraduate Diploma of the Institute (PGDNIT).
(2) The credits required to be completed for the award of PGDNIT will be 40 credits (NITW), which includes credit earned at NITW and credit transferred to NITW by AIT.
(3) Any fees deposited by the student is non-refundable.

3A.6 Award of Degrees:

On successful completion of requirements of the programme, students will be awarded a Master of Technology (MTech) degree by NITW and Master's degree (Master of Engineering or Master of Science) by AIT

Appendix 3B: Structure & Curriculum of Engineering Structures DMDP

3B.1 Structure

Students in the DMD program will follow this schedule for the two years:

(4) The credit requirements of AIT and NITW is 48-49 and 66-70 respectively

(5) In purview of these requirements, a total of 66 credit requirement is proposed for this AIT-NITW DMDP that would be divided to each institute according to their own credit system. With this an equivalence of 24 credits at AIT to 40 credits at NITW in the first year of study, while 24 credits at AIT to 26 credits at NITW for the second year of study is established.

(6) The credit points earned from one institute would be transferred to the other to fulfill the criteria of total credit requirements.

The credit requirements are as per the present guidelines which may be revised from time to time

Table 6: Structure of the Program for AIT-NITW DMDP

Semester	Venue	Credits (AIT)		Credits (NITW)	
		Earned	Transferred	Earned	Transferred
1	AIT	**12**			**19**
2	AIT	**12**			**21**
3	NIT		**12**	**14**	
4	NIT		**12**	**12**	
TOTAL		**48 credits**		**66 credits**	

3B.2 Curriculum:

(a) I & II Semesters at AIT

Table 7: Courses at AIT during I & II Semesters

	1 credit = 15 lecture hours or 30 lab hours		
Course Name	**Credits**	**Semester**	**Type**
Computer Methods of Structural Analysis	3	August	Required
Structural Dynamics	3	August	Required
Advanced Concrete technology	3	August	Required
Advanced Concrete Structures	3	August	Required
Finite Element Methods in Engineering	3	January	Elective
Advanced Steel Structures	3	January	Elective
Wind and Earthquake Engineering	3	January	Elective
Structural Design of Tall Buildings	3	January	Elective

ELECTIVES OFFERED AT AIT			
Finite Element Methods in Engineering	3	January	Elective
Wind and Earthquake Engineering	3	January	Elective
Structural Design of Tall Buildings	3	January	Elective
Experimental Methods in Structural Engineering	3	January	Elective
Advanced Steel Structures	3	January	Elective
Advanced Concrete Structures	3	January	Elective
Forensic Engineering, Structural Evaluation and Retrofitting o Structures	3	January	Elective
Advanced Topics in Bridge Engineering	3	January	Elective
Selected Topic: Concrete Repair and Maintenance	3	January	Elective
Selected Topic: Advanced Topics in Design of Tall Buildings and Bridges	3	January	Elective

(b) III & IV at NITW

Table 8: Courses at NITW during III & IV Semesters

III Semester (NITW)

S. No.	Course Code	Course Title	Credits
1	CE27089	Seminar and Technical Writing	2
2	CE27093	Comprehensive Viva-Voce	2
3	CE27097	Dissertation Part – A	10
Total Credits			14

IV Semester (NITW)

S. No.	Course Code	Course Title	Credits
1	CE27098	Dissertation Part - B	12
Total Credits			12

3B.3 Thesis and Thesis Defense:

(5) Students on the thesis track are required to submit a thesis to AIT and NITW in addition to completing the credit requirements.
(6) The thesis will be supervised by two faculty members one each from AIT and NITW. The supervisors will form a panel to evaluate the thesis and conduct a thesis defense.
(7) One thesis defense seminar will be sufficient for completing the requirement of thesis defense at both the Institutes.
(8) A successful thesis defense will be mandatory for award of degree.

3B.4 Exit Option:

(4) Students in the AIT-NITW Dual Masters programme with NITW as the admitting Institute may exit the programme and opt for change of programme to the Postgraduate Diploma of the Institute (PGDNIT).
(5) The credits required to be completed for the award of PGDNIT will be 40 credits (NITW), which includes credit earned at NITW and credit transferred to NITW by AIT.
(6) Any fees deposited by the student is non-refundable.

3B.6 Award of Degrees:

On successful completion of requirements of the programme, students will be awarded a Master of Technology (MTech) degree by NITW and Master's degree (Master of Engineering or Master of Science) by AIT

Appendix 3C: Structure & Curriculum of Water Resources Engineering DMDP

3C.1 Structure

Students in the DMD program will follow this schedule for the two years:

(7) The credit requirements of AIT and NITW is 48-49 and 66-70 respectively

(8) In purview of these requirements, a total of 69 credit requirement is proposed for this AIT-NITW DMDP that would be divided to each institute according to their own credit system. With this an equivalence of 27 credits at AIT to 43 credits at NITW in the first year of study, while 22 credits at AIT to 26 credits at NITW for the second year of study is established.

(9) The credit points earned from one institute would be transferred to the other to fulfill the criteria of total credit requirements.

The credit requirements are as per the present guidelines which may be revised from time to time

Table 9: Structure of the Program for AIT-NITW DMDP

Semester	Venue	Credits (AIT)		Credits (NITW)	
		Earned	Transferred	Earned	Transferred
1	AIT	**13**			**23**
2	AIT	**14**			**20**
3	NIT		**10**	**14**	
4	NIT		**12**	**12**	
TOTAL		**49 credits**		**69 credits**	

3C.2 Curriculum:

(a) I & II Semesters at AIT

Table 10: Courses at AIT during I & II Semesters

	1 credit = 15 lecture hours or 30 lab hours		
Course Name	**Credits**	**Semester**	**Type**
Watershed Hydrology	3	August	Required
Hydrodynamics	3	August	Required
Water Resources Systems	3	August	Required
Concept of Water Modelling	1	August	Required
Elective Course	3	August	
Research Design & Experimental Methods	2	January	Required
Elective Course	3	January	
Elective Course	3	January	
Elective Course	3	January	
Elective Course	3	January	

ELECTIVES OFFERED AT AIT			
Irrigation and Drainage Engineering	3	August	Elective
AI and Big Data in Water	3	August	Elective
Water Supply and Sanitation	3	August	Elective
River Engineering and Modeling	3	August	Elective
Integrated Water Resources Management	3	January	Elective
Climate Change and Water Resources	3	January	Elective
Urban Drainage Management	3	January	Elective
Groundwater Development and Management	3	January	Elective
Modeling of Water Resources Systems	3	January	Elective
Flood Modeling and Management	3	January	Elective
Remote Sensing and GIS Applications in Water Resources	3	January	Elective
Earth Engine for Water Resources Monitoring and Management	3	January	Elective
Hydroinformatics	3	January	Elective
Water Security and Global Change	3	January	Elective

(b) III & IV at NITW

Table 11: Courses at NITW during III & IV Semesters

III Semester (NITW)

S. No.	Course Code	Course Title	Credits
1	CE46089	Seminar and Technical Writing	2
2	CE46093	Comprehensive Viva-Voce	2
3	CE46097	Dissertation Part – A	10
Total Credits			14

IV Semester (NITW)

S. No.	Course Code	Course Title	Credits
1	CE46098	Dissertation Part - B	12
Total Credits			12

3C.3 Thesis and Thesis Defense:

(9) Students on the thesis track are required to submit a thesis to AIT and NITW in addition to completing the credit requirements.
(10) The thesis will be supervised by two faculty members one each from AIT and NITW. The supervisors will form a panel to evaluate the thesis and conduct a thesis defense.
(11) One thesis defense seminar will be sufficient for completing the requirement of thesis defense at both the Institutes.
(12) A successful thesis defense will be mandatory for award of degree.

3C.4 Exit Option:

(7) Students in the AIT-NITW Dual Masters programme with NITW as the admitting Institute may exit the programme and opt for change of programme to the Postgraduate Diploma of the Institute (PGDNIT).
(8) The credits required to be completed for the award of PGDNIT will be 40 credits (NITW), which includes credit earned at NITW and credit transferred to NITW by AIT.
(9) Any fees deposited by the student is non-refundable.

3C.6 Award of Degrees:

On successful completion of requirements of the programme, students will be awarded a Master of Technology (MTech) degree by NITW and Master's degree (Master of Engineering or Master of Science) by AIT

Appendix 4: Fee Structure

4.1 AIT Payment Schedule:

Payment is made separately to AIT and to the National Institute of Technology Warangal according to each partner's schedule.

Table 6: Payment Schedule

Semesters	Dual Master's Degree Fee	
	AIT Fee (Baht)	NITW Fee (Rs)
1	90,000	60,000
2	90,000	60,000
3	90,000	60,000
4	90,000	60,000
TOTAL	**360,000**	**240,000**

4.2 FEE & Scholarships:

(1) With built-in scholarship from each institution
(2) AIT Fee is THB 360,000 / around $10,000 (Normal Fee is THB 848,000 / around $27,000) additional scholarship is also available.
(3) Tuition Fees @ NITW is INR 240,000 / around $2,780.
(4) Students will pay fees directly to AIT or NITW as per the mutually agreed plan between the two Institutes.

4.3 Other Costs:

Table 7: Other Fees and Expenses @ AIT

Other Study Costs for Master's Program @ AIT	Fees (in THB) per Semester	Fees (in THB) for 2 semesters at AIT
Language Support Fee (One time)	2,000	2,000
Medical Insurance Fee	2,500 per year	2,500
Student Union Fee	150 per semester	300
Living/Accommodation/ Miscellaneous Expenses*	@Baht 11,500-15,000 per Month	115,000 - 150,000
Visa fee @Baht 1,900 per Year	1,900 per year	1,900
Tentative Total Expenses Other than Tuition Fees		**121,700 - 156,700**

National Institute of Technology Warangal fees for the 2025-2026 academic year is Rs. 240,000. Fees are subject to a yearly increase. All students joining the NITW masters through AIT will receive a 10% discount on tuition fees.

Table 8: Other Fees and Expenses @ NIT

Other Study Costs for Master's Program @ NITW	Fees (in Rupees) for 3rd Semester at NITW	Fees (in Rupees) for 4th semester at NITW
Admission Fees (One time) + Academic Facilities and Services	43500	0
Living/Accommodation/ Mess Expenses*	41000	41000
Tentative Total Expenses Other than Tuition Fees	**84500**	**41000**

*The Mess Fees will be as per the actuals (~mess fees of Rs.3000/-per month)