राष्ट्रीय प्रौद्योगिकी संस्थान वारांगल

National Institute of Technology Warangal

Hanamkonda, Warangal-506004, Telangana

Senate Minutes

Meeting No.:	143
Date:	08th May 2025
Time	16.00 hours
Venue:	Senate Hall, NIT Warangal

Minutes of 143rd Meeting of the Senate held on 08th May 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. Veeresh Babu (ME)
4. Prof. A. Venu Gopal (ME)
5. Prof. Adepu Kumar (ME)
6. Prof. Arif Ali Baig Moghal (CE)
7. Prof. Ashok K. Pradhan, IIT KGP
8. Prof. Asit Kumar Khanra (MM)
9. Prof. B. Lakshmi (EC)
10. Prof. B. Sri Padmavati, UOH
11. Prof. B.L. Narasimha Raju (EE)
12. Prof. C. Vanitha (MM)
13. Prof. Ch. Sudhakar (CS)
14. Prof. Ch. Venkaiah (EE)
15. Prof. D. Jayakrishna (ME)
16. Prof. D. Kasinath (CY)
17. Prof. D. Ramaseshu (CE)
18. Prof. D. Vakula (EC)
19. Prof. D.V.S.S. Siva Sarma (EE)
20. Prof. Debashis Dutta (MA)
21. Prof. G. Nagasrinivasulu (ME)
22. Prof. G. Rajesh Kumar (CE)
23. Prof. G.V.S. Nageswara Rao (MM)
24. Prof. Hari Ponnamma Rani (MA)
25. Prof. J.V. Ramana Murthy (MA)
26. Prof. K. Kiran Kumar (ME)
27. Prof. K. Madhavi (HS)
28. Prof. K. Thangaraju (PH)
29. Prof. K. Venkata Reddy (CE)
30. Prof. K.V. Gobi (CY)
31. Prof. KNS Kasiviswanadham (MA)
32. Prof. L. Anjaneyulu (EC)
33. Prof. L. Krishnanand (ME)
34. Prof. M. Chandrasekhar (CE)
35. Prof. M. Heera Lal (CE)
36. Prof. M. Joseph Davidson (ME)
37. Prof. Mahesh Kumar Talari (MM)
38. Prof. N. Bheema Rao (EC)
39. Prof. N. Kishore Babu (MM)
40. Prof. N. Narasaiah (MM)
41. Prof. N. Selvaraj (ME)
42. Prof. N.V. Srikanth (EE)
43. Prof. N.V. Umamahesh (CE)
44. Prof. P. Abdul Azeem (PH)
45. Prof. P. Bangaru Babu (ME)
46. Prof. P. Hari Krishna (CE)
47. Prof. P. Hari Prasada Reddy (CE)
48. Prof. P. Muthu (MA)
49. Prof. P. Ramlal (MS)
50. Prof. P. Ratish Kumar (CE)
51. Prof. P. Ravi Kumar (PE)
52. Prof. P. Sreehari Rao (EC)
53. Prof. P. Sreenivasa Rao (BT)
54. Prof. P. Subhash Chandra Bose (ME)
55. Prof. P. Syam Prasad (PH)
56. Prof. P. Vamsi Krishna (ME)
57. Prof. P. Venkata Suresh (CH)
58. Prof. P. Venkateswara Rao (CE)
59. Prof. Pisipati Radha Krishna (CS)
60. Prof. Puli Ravi Kumar (ME)
61. Prof. R. Narasimha Rao (ME)
62. Prof. R. S. Selvaraj (MA)
63. Prof. R. Satish Babu (BT)
64. Prof. Rashmi Ranjan Rout (CS)

65 Prof. Ravi Kumar Jatoth (EC)
66 Prof. S. Anuradha (EC)
67 Prof. S. Ravichandra (CS)
68 Prof. S. Srinath (CH)
69 Prof. S. Srinivasa Rao (EE)
70 Prof. S. Srinivasa Rao (ME)
71 Prof. S. Venkateswara Rao (CE)
72 Prof. Sonawane Shirish Hari (CH)
73 Prof. Sourabh Roy (PH)
74 Prof. Srikanth Korla (ME)
75 Prof. T.D. Gunneswara Rao (CE)
76 Prof. V. Hari Kumar (ME)
77 Prof. V. Ramana Murthy (CE)
78 Prof. V. Suresh Babu (ME)
79 Prof. V. Venkata Mani (EC)
80 Prof. V.P. Chandra Mohan (ME)
81 Prof. V.T. Somasekhar (EE)
82 Prof. Vangapandu Rama Devi (MS)
83 Prof. Venkatathri Narayanan (CY)
84 Prof. Vishnu Shanker (CY)
85 Prof. Y. Ravi Kumar (ME)

Special Invitees:

1 Prof. B. Rama Raju (Head, BT)
2 Prof. M. R. Viswanadhan (Head, HS)
3 Prof. S. Vidyasagar, (Head, CH)
4 Prof. Santhosh P. (Head, CY)
5 Prof. Sunitha G (Head, MS)
6 Prof. D. Bhargavi (Asso, Dean-PG)
7 Prof. KVR Ravi Shankar (Asso. Dean-PhD)
8 Sri. Md. Habeeb Khan (DR, Academic)

The following members could not attend the meeting:

1 Prof. A. Venu Vinod (CH)
2 Prof. Amit Prashant, IIT GN
3 Prof. B. Sathish Ben (ME)
4 Prof. Bhagwan K. Murthy (EE)
5 Prof. C.S.P. Rao (ME)
6 Prof. D. Srinivasa Charya (MA)
7 Prof. Divi Haranath (PH)
8 Prof. G. Amba Prasad Rao (ME)
9 Prof. K. Anand Kishore (CH)
10 Prof. K. Narasimhulu (BT)
11 Prof. K. Ramesh (CS)
12 Prof. K.V. Sai Srinadh (ME)
13 Prof. M. Sailaja Kumari (EE)
14 Prof. N. Viswanathan (EE)
15 Prof. NVSN Sarma (EC)
16 Prof. P. Venkata Sri Laxmi (CY)
17 Prof. R. Padmavathy (CS)
18 Prof. R.B.V. Subrahmanyam (CS)
19 Prof. T. Kishore Kumar (EC)
20 Prof. T. Venkatappa Rao (PH)
21 Prof. V. Rajesh Khana Raju (ME)
22 Prof. Velagapudi Vasu (ME)
23 Prof. Venkaiah Chowdary (CE)

Leave of absence of the members was approved.

The Chairman, Senate welcomed all the Senators.

Part-A [In the presence of Student Representatives]

2025-143-Senate-1.1	**Extension of time limit for PhD submission by Mr. B. Mallikarjuna Reddy**

Mr. B. Mallikarjuna Reddy, Roll No. 717032, a Part-time Research Scholar of (EC) has made a request for an extension of one semester for thesis submission beyond eight years.
He will be completing eight years by July 2025. He has already published a paper in SCI journal and waiting for the acceptance of another journal paper. He made a request to the Senate for permitting him to register for another semester, so that he will be able to submit the synopsis and thesis, after satisfying the eligibility criteria for submission. The DSC of the Scholar has recommended to Senate for granting extension for one semester. The issue was refereed to RPEC. Given the current situation and the advanced state of the research, the RPEC suggests giving an additional semester as a special instance, provided that the scholar continues to make progress and submits the synopsis thesis within the allotted time. The committee also underlined that this extension is a one-time action and won't be used as a model for similar circumstances in the future.

The Senate approved the recommendation of RPEC and considered the request of the scholar to allow him to submit his PhD thesis within next semester. He has to register for this semester for continuing his studentship.

2025-143-Senate-1.2	**Request of Ms. Boda Ramya for deferral of Comprehensive Viva-Voce Examination on medical grounds.**

Ms. B. Ramya, Roll No. 23CER2R13, a fulltime research Scholar of (CE) has been granted maternity leave from 1st May to 27th October 2025. She made a request for permission to take up her Comprehensive Viva Voce examination in the 4th semester on medical grounds. The DSC of the Scholar has recommended the request.
After careful consideration of the medical grounds presented and the recommendation of the Doctoral Scrutiny Committee (DSC), the RPEC recommends accepting the request for deferral of the Comprehensive Viva-Voce Examination as a special case.

The candidate may be permitted to appear for the Comprehensive Viva-Voce Examination after her recovery, subject to fulfilling all other academic requirements.

The Senate approved the recommendation of RPEC and the scholar is permitted to appear for CVV in the 4th semester.

2025-143-Senate-1.3	**Request for appointment of Co-Supervisor for Mr. Raju N.**

Mr. Raju, Roll No. 24CHR2P02, a part-time research scholar of (CH) has made a request to allot Dr. M. Mallaiah, Asst. Prof., CBIT Hyderabad as a Co-Supervisor, in order to facilitate him to use the experimental facilities available in CBIT, which is close to his place of residence.

The RPEC committee members reviewed the request regarding the appointment of a Co-Supervisor for Mr. Raju N. The committee recommends that the proposal for the appointment of a Co-Supervisor for Mr. Raju N be placed before the upcoming Senate meeting for its consideration and approval.

The Senate did not consider the request of the Scholar as the co-supervisor does not belong to the place of work. The Senate also advised allotting of Co-supervisor should not be from the student rather by the supervisor in future.

2025-143-Senate-1.4	**Evaluation of PhD Thesis of Mr. Ayele Adane Ayila**

Mr. Ayele Adane Ayila, Roll No. 719131, an Ethiopian Research Scholar in the Department of CE submitted his synopsis and thesis in August 2024.

"Senate in its 132nd meeting permitted the Scholar to register for the January 2024 session, without paying the tuition fee, as a special case. However, the thesis shall not be processed until all the dues are cleared".

The scholar has cleared all the dues pertaining to 9th and 10th semesters and made a request to evaluate his thesis. The DSC recommends to process the thesis. At present the scholar did not register as he left for his country after submitting the thesis.

The Senate considered the request of the scholar for evaluation of his PhD thesis as recommended by the DSC and approved the same as a special case.

2025-143-Senate-1.5	**Permission for Makeup Exam or Summer Courses for B.Tech students with "R" Grades**

Some B.Tech students having "R" grades made a request to i) Permit them to write makeup exam (or) ii) Conduct Summer courses

As per the Academic regulations of the Institute, students with "R" grade are not eligible both for makeup exams and summer courses.

The Senate did not consider the above request of the students as it observed that sufficient chances have been already given to them. Further the Senate advised the Dean (Academic) to strengthen the faculty mentorship to advise the students in right time such that the students will be completing the courses in time. In addition, the Dean (Academic) is advised to discuss with the parents of all such students during registration in the next semester.

2025-143-Senate-1.6	**Provision of improvement in Grade in courses with poor performance**

There is a request from 7th semester B.Tech students to permit them for improvement of their CGPA before the campus placements. The issue was deliberated at length and the following proposal is placed before the Senate:

- Students having "P" grade in Core courses may be permitted to write makeup examination for improvement. They are eligible for obtaining "D", "E" or "P" grades in the makeup examination as per the regulations.
- Such improvement option shall be limited to a maximum of three core courses.
- The better of the Grades may be awarded to the student after the improvement.

The Senate discussed the issue at length and approved the above proposal.

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

2025-143-Senate-2	**Action Taken report on the decisions taken in 142nd Senate meeting**

2025-142-Senate-01	PhD studentship of Mr. Praveen Kumar Pandugu	The cancellation order will be sent to the students after the approval of the minutes.

2025-142-Senate-03	Confirmation of the minutes of 141st Senate meeting	The minutes of 141st Senate meeting confirmed by the Senate have been uploaded on the Institute website.
2025-142-Senate-04	Results of Ph.D. Viva Voce Examination	Noted
2025-142-Senate-05	a) Internship leading to Full Time Employment. b) Qualifications for admission into M.Tech Chemical Engineering and SEGST for the AY 2025-26	The regulations will be updated accordingly. The suggestions of the Senate were implemented.
2025-142-Senate-06	Offering Executive e-Masters programs from the AY 2025-26	Departments were requested conduct CDC meetings by inviting one expert from the Industry to finalize the syllabi.
2025-142-Senate-07	Proposal to start 5-year Integrated M.Tech programs	Necessary steps will be initiated to take admissions into these two programs. This will be placed before the next BOG for approval.
2025-142-Senate-08	Proposal for Major Project in B.Tech program	The curriculum will be revised accordingly applicable with effect from 2025-26.
2025-142-Senate-9	(a) Joint PhD program in Chemical Engineering in collaboration with University of Saskatchewan (b) Joint M.Tech program in Geoinformatics in collaboration with AIT Bangkok	The process of signing MoU is in progress with both the foreign Universities.
2025-142-Senate-10	Comprehensive Exit policy	Multiple Entry policy will be presented to the next Senate.
2025-142-Senate-11	Proposal for MTech (Research) or MS (Research)	Steps will be initiated for admission. The ailed guidelines along with curriculum will be presented in the next Senate.
2025-142-Senate-12	Academic Calendar for Summer Courses	The calendar has been uploaded on the Institute website.

2025-142-Senate-13	Partial modification of PhD regulations	The regulations will be updated accordingly.
2025-142-Senate-14	Any other Item with the permission of the Chair	The Department is advised to register Ms. Bhumi Yadav for dissertation in the autumn semester of 2025-26.

The Senate noted the action taken report.

2025-143-Senate-3	**Results of UG, PG programs and PhD Coursework for spring (Even) Semester**

The UG and PG program results along with PhD course work, recommended by SUGC and SPGC respectively have been shared with all the Senators. The Chairman of SUGC and SPGC have presented the deviations and observations to the Senate.

The Senate approved all the results of UG, PG and PhD programs presented. The Senate resolved the following based on the observations:

1. ***Students (less than 20) under Old Regulations repeating courses with students under new regulations: apply the same grading ranges that were used during their original/previous attempt, and award grades based on the marks obtained accordingly.***
2. ***Honors Students (Old Regulations) Taking M.Tech Courses (New Regulations): Grades shall be assigned as per the new regulations, with direct mapping to grades in old regulations as follows: S → S, A → A, B → B, C → C, D → D, P → E, and U → F.***

The Senate authorized the Chairman, Senate to approve all the remaining examination results of UG and PG programs.

2025-143-Senate-4	**Confirmation of the minutes of 142nd Senate meeting**

The minutes of the 142nd meeting of the Senate were circulated to all the senators. No comments were received from the Senators.

The Senate confirmed the minutes of the 142nd Senate Meeting.

2025-143-Senate-5	**Results of Ph.D. Viva-Voce Examination**

The results of the following Ph.D. students who have been provisionally awarded degrees after 142nd Senate meeting held on 25-03-2025 on approval of the Chairman, Senate is placed before the Senate for information.

PhD Completions between 139th Senate to 142nd Senate (After the 22nd Convocation): 28

PhD Completions after 142nd Senate meeting

01	**Mr. Takkallapalli Aravind Kumar**	
	Department	**CE**
	Roll No.	718009
	Date of Viva-voce Examination	26.03.2025
	Foreign Examiner	Prof. Sumi Siddiqua, The University of British Columbia, Canada
	Indian Examiner	Prof. Sireesh Saride, Dept. of Civil Engineering, IIT Hyderabad
	Supervisor(s)	Prof. P. Hari Prasada Reddy
	Thesis Title	Nano Calcium Silicates from Granite and Marble Waste: Efficacy in Contaminated Soil Stabilisation and Heavy Metal Adsorption
02	**Mr. R.V. Hara Prasad**	
	Department	**EC**
	Roll No.	716148
	Date of Viva-voce Examination	26.03.2025
	Foreign Examiner	Prof. B. Preetham Kumar, California State University, U.S.A.
	Indian Examiner	Prof. Amalendu Patnaik, IIT Roorkee
	Supervisor(s)	Prof. D. Vakula and Dr. M. Chakravarthy
	Thesis Title	Investigations on Sierpinski Carpet Fractal Inspired Defected Ground Structure Microstrip Patch Antennas at 2.4 GHz for Wireless and Surveillance Applications
03	**Mr. Vangety Nikhil**	
	Department	**PH**
	Roll No.	719106
	Date of Viva-voce Examination	28.03.2025
	Foreign Examiner	Prof. Dr. Hab. Eng. Karol Krzempek, Wroclaw University of Science & Technology, Poland
	Indian Examiner	Prof. Rajan Jha, IIT, Bhubaneswar
	Supervisor(s)	Prof. Sourabh Roy
	Thesis Title	Deep learning assisted Multimode Fiber specklegram analysis for Sensing Applications
	Mr. Sunkaraboina Sreenu	
	Department	**EC**
	Roll No.	701941

04	Date of Viva-voce Examination	28.03.2025
	Foreign Examiner	Dr. Ramoni Adeogun, Aalborg University, Denmark
	Indian Examiner	Dr. Meenakshi Rawat, IIT Roorkee
	Supervisor(s)	Prof. Kalpana Naidu
	Thesis Title	Efficient User Pairing and Power Allocation Techniques for NOMA Systems in Next-generation Wireless Networks
05	**Mr. Chinchedu Raghuvaran**	
	Department	**ME**
	Roll No.	701925
	Date of Viva-voce Examination	28.03.2025
	Foreign Examiner	Prof. Marc A. Rosen, Ontario Tech University, Canada
	Indian Examiner	Prof. M. Ramgopal, IIT Kharagpur
	Supervisor(s)	Prof. K. Kiran Kumar and Prof. Chandramohan V. P
	Thesis Title	Effects of Wettability on Start-Up Characteristics and Heat Transfer Performance of a Single-Loop Oscillating Heat Pipe
06	**Mr. Surjeet Kumar Sinha**	
	Department	**ME**
	Roll No.	716138
	Date of Viva-voce Examination	28.03.2025
	Foreign Examiner	Prof. Nikhil Gupta, New York University, USA
	Indian Examiner	Prof. Pulak Mohan Pandey, IIT Delhi
	Supervisor(s)	Prof. P. Subhash Chandra Bose and Dr. Manoj Kumar Buragohain, DRDO
	Thesis Title	Study of Filament Winding Parameters for Manufacture of Composite Pressure Vessel
07	**Ms. K. Aruna**	
	Department	**MS**
	Roll No.	719122
	Date of Viva-voce Examination	02.04.2025
	Foreign Examiner	Dr. Amrut Sadachar, Associate Professor, Auburn University, USA.
	Indian Examiner	Dr.J.K.Nayak, Associate Professor, DoMS, IIT Roorkee
	Supervisor(s)	Prof. T Rahul
	Thesis Title	Thread of Change: Aligning Marketing Strategies with Consumer Buying Behaviour and Weaver Sustainability in the Indian Handloom Industry
08	**Mr. Shivam Azad**	
	Department	**MS**
	Roll No.	21SMFJ188
	Date of Viva-voce Examination	04.04.2025
	Foreign Examiner	Prof. Douglas Cumming, Florida Atlantic University, USA
	Indian Examiner	Prof. M. Venkateshwarlu, IIT Bombay
	Supervisor(s)	Prof. S.L. Tulasi Devi
	Thesis Title	Green Finance in India with Special Reference to Green Bonds
09	**Ms. Naini Shalini**	
	Department	**MS**
	Roll No.	**701971**
	Date of Viva-voce Examination	04.04.2025
	Foreign Examiner	Prof. Ramendra Thakur, University of Louisiana – USA
	Indian Examiner	Prof. Sridhar Guda, IIM, Kozhikode, KERALA

	Supervisor(s)	Prof. M. Ravinder Reddy and Prof. K. Francis Sudhakar
	Thesis Title	Leafy Consumerism: A Study on the Indian Green Purchasing Behaviour Tree Via the Generational Cohort Roots
10	**Ms. Dasari Bheemaiahgari Indhu**	
	Department	**CE**
	Roll No.	720025
	Date of Viva-voce Examination	07.04.2025
	Foreign Examiner	Prof. Ramesh Teegavarapu, Florida Atlantic University, USA
	Indian Examiner	Prof. KP Sudheer, IIT Madras
	Supervisor(s)	Prof. Vema Vamsi Krishna
	Thesis Title	Enhancing the flood predictions by considering the spatial variability of hydrological variables in hydrological models
11	**Mr. Pattimi Hari**	
	Department	**EC**
	Roll No.	**701939**
	Date of Viva-voce Examination	07.04.2025
	Foreign Examiner	Prof. Panajotis Agathoklis, University of Victoria, CANADA
	Indian Examiner	Prof. Prabir Kumar Biswas, IIT Kharagpur
	Supervisor(s)	Prof. B.K.N. Srinivasa Rao
	Thesis Title	High Performance CTU Partition Techniques for HEVC Encoding using Machine Learning Algorithms
12	**Mr. Manchikatla Sagar Kumar**	
	Department	**CE**
	Roll No.	718011
	Date of Viva-voce Examination	11.04.2025
	Foreign Examiner	Prof. Venkatesh Merwade, Purdue University, USA
	Indian Examiner	Dr. V. Jothiprakash, IIT Bombay
	Supervisor(s)	Prof. N.V. Umamahesh
	Thesis Title	Addressing Urban Flood Hazards: An Integrated Assessment of Climate, Land Use, and Low-Impact Developments in Hyderabad
13	**Mr. Anomitra Chakraborty**	
	Department	**MA**
	Roll No.	21MAFJ148
	Date of Viva-voce Examination	15.04.2025
	Foreign Examiner	Prof. O. D. Makinde, Stellenbosch University, South Africa
	Indian Examiner	Prof. Nanda Kishore, IIT Guwahati
	Supervisor(s)	Prof. J. Pranitha
	Thesis Title	Magneto - Hydrodynamic Flows of Water - Based Nanofluids Across a Moving Vertical Wedge: Mathematics and Statistical Analysis
14	**Mr. Suryakant Prasad**	
	Department	**MA**
	Roll No.	**720100**
	Date of Viva-voce Examination	17.04.2025
	Foreign Examiner	Prof. Sachin Shetty, Old Dominion University, Norfolk, VA
	Indian Examiner	Prof. Subhamoy Maitra, ISI Kolkata
	Supervisor(s)	Prof. Y Sreenivasa Rao

	Thesis Title	Design and Analysis of Attribute-Based Searchable Encryption Schemes Employing Bilinear Pairings
15	**Ms. A. Saraswathi**	
	Department	**CE**
	Roll No.	**719008**
	Date of Viva-voce Examination	22.04.2025
	Foreign Examiner	Prof. Christopher K.Y. Leung, HKUST
	Indian Examiner	Prof. K.V.L. Subramaniam, IIT Hyderabad
	Supervisor(s)	Prof. C.B. Kameswara Rao and Prof. S. Anitha Priyadharshini
	Thesis Title	A Study on Bond and Anchorage of Helical Ended Reinforcing Bars in Concrete
16	**Ms. Nila B**	
	Department	**MA**
	Roll No.	**720101**
	Date of Viva-voce Examination	22.04.2025
	Foreign Examiner	Prof. Jurgita Antuchevičienė, Vilnius Gediminas Technical University, Lithuania
	Indian Examiner	Prof. Pankaj Dutta, IIT Bombay
	Supervisor(s)	Prof. Jagannath Roy
	Thesis Title	Modelling of Some Logistics Management Problems under Uncertain Paradigm
17	**Mr. Boligorla Anjaiah**	
	Department	**CY**
	Roll No.	719115
	Date of Viva-voce Examination	25.04.2025
	Foreign Examiner	Prof. Francis D'Souza, University of North Texas, USA
	Indian Examiner	Prof. M. Ravikanth, IIT Bombay
	Supervisor(s)	Prof. Raghu Chitta
	Thesis Title	Design and Synthesis of Panchromatic Azaborondipyrromethenes for Solar Energy Harvesting
18	**Ms. Thyda Lavanya**	
	Department	**PH**
	Roll No.	719111
	Date of Viva-voce Examination	25.04.2025
	Foreign Examiner	Prof Mohamed Henini, University of Nottingham, UK
	Indian Examiner	Prof. A. Thamizhavel, Tata Institute of Fundamental Research, Mumbai
	Supervisor(s)	Prof. K. Thangaraju
	Thesis Title	Solution Processed Carbon Quantum Dots/ZnO Hybrid Thin Films Towards Self-Powered UV Photodetectors
19	**Mr. Easam Ram Kishore Kumar Dora**	
	Department	**CH**
	Roll No.	718153
	Date of Viva-voce Examination	25.04.2025
	Foreign Examiner	Prof. B. C. Meikap, IIT - Kharagpur
	Indian Examiner	Prof. Theerthagiri Jayaraman Gyeonsang National University, South Korea
	Supervisor(s)	Prof. K S Rajmohan
	Thesis Title	Development of Metal-Free, Semiconductor-Based Photocatalysts (g-C3N4) for Visible Light Driven Textile Dye Decolorization in Aqueous System

20	**Mr. G. Chitti Babu**	
	Department	**ME**
	Roll No.	701926
	Date of Viva-voce Examination	25.04.2025
	Foreign Examiner	Prof. Shouxun Ji, Brunel University of London, UK
	Indian Examiner	Prof. Ramkumar P, IIT Madras
	Supervisor(s)	Prof. R. Narasimha Rao and Prof. Syed Ismail
	Thesis Title	Mechanical and Tribological Properties of Titanium Carbide Reinforced Advanced Aluminium Nanocomposites for Structural and High-strength Applications: a Machine Learning Approach
21	**Mr. Peddinti Veerendra Satya Sylesh**	
	Department	**CE**
	Roll No.	719011
	Date of Viva-voce Examination	25.04.2025
	Foreign Examiner	Prof. Nitin Kumar Tripathi, AIT, Bangkok
	Indian Examiner	Prof. Kamal Jain, IIT Roorkee
	Supervisor(s)	Prof. M. Shashi and Dr. M V Ravibabu, NIRDPR, Hyderabad
	Thesis Title	Automating Hyperspectral Data Simulation and Band Selection
22	**Mr. Poleboyana Robit**	
	Department	**CE**
	Roll No.	718107
	Date of Viva-voce Examination	29.04.2025
	Foreign Examiner	Prof. Alexander S. Brand, Virginia Polytechnic Institute and State University, USA
	Indian Examiner	Dr. A. Ramachandra Murthy, CSIR-SER, Chennai
	Supervisor(s)	Prof. T.D. Gunneswara Rao
	Thesis Title	A Study on the use of Construction and Demolition Waste on Slab Based Geopolymer Mortars Reinforced with Steel Fibers
23	**Ms. Snigdha Saha**	
	Department	**CH**
	Roll No.	718054
	Date of Viva-voce Examination	29.04.2025
	Foreign Examiner	Prof. Bale V. Reddy, Ontario Tech University (UOIT), Canada
	Indian Examiner	Prof Suddhasatwa Basu, IIT Delhi
	Supervisor(s)	Prof. P. V. Suresh
	Thesis Title	3-D Numerical Analysis of Unit Cell of Vanadium Redox Flow Battery with Flow Field Designs
24	**Mr. Ganesh V**	
	Department	**MM**
	Roll No.	719080
	Date of Viva-voce Examination	30.04.2025
	Foreign Examiner	Prof Manoj Gupta, Dept of Mech Engg., NUS, Singapore
	Indian Examiner	Prof. S. Ganesh Sundara Raman, IIT-Madras
	Supervisor(s)	Prof. Asit Kumar Khanra
	Thesis Title	Structural Characterization and hot Deformation Behaviour of Nickel Aluminide In-Situ Core Shell Intermetallic in Al-4Cu-Ni composite

25	**Ms. Satagopam Padma Tejaswi**	
	Department	**CE**
	Roll No.	718005
	Date of Viva-voce Examination	02.05.2025
	Foreign Examiner	Prof. Naveen Eluru, University of Central Florida, USA
	Indian Examiner	Prof. P.Vedagiri, IIT Bombay
	Supervisor(s)	Prof. CSRK Prasad
	Thesis Title	Dynamics of Urban Travel Decisions: Unveiling the Link Between Traven Time Budgets and Commuting Mode Choices
26	**Ms. Malleswari Karanam**	
	Department	**ME**
	Roll No.	**720049**
	Date of Viva-voce Examination	07.05.2025
	Foreign Examiner	Prof. Prasad KDV Yarlagadda, University of Southern Queensland, Australia
	Indian Examiner	Prof. S.V.D. Nageswara Rao, IIT Bombay
	Supervisor(s)	Prof. Lanka Krishnanand
	Thesis Title	Issues in Developing a Secure Perishable Food Supply Chain With and Without Disruptions
27	**Mr. M. Hemachandra**	
	Department	**ME**
	Roll No.	**21MEFJ062**
	Date of Viva-voce Examination	08.05.2025
	Foreign Examiner	Prof. Upadrasta Ramamurty, Nanyang Technological University (NTU), Singapore
	Indian Examiner	Prof. Amitava De, IIT Bombay
	Supervisor(s)	Prof. Shivraman and Prof. Adepu Kumar
	Thesis Title	Mechanical and Tribological Behaviour of Wire Arc Additively Manufactured Al-Si Alloy

The Senate noted the above results and suggested the supervisors to expedite the submission of PhD thesis of the students who have completed four years.

2025-143-Senate-6	**Change of Research Co-Supervisor**

The DSC has recommended to change the Co-Supervisor of Ms. Madugula Swarna, Roll No. 21MERER14, a Full-time external scholar of ME, working in ARCI, Hyderabad.

Existing Supervisor : Dr. S.M. Shariff, ARCI

Proposed Supervisor : Dr. G. Siva Kumar, ARCI

The Senate approved the above change of Co-supervisor.

2025-143-Senate-7	**Courses with large number of "F" Grades**

The data pertaining to the courses with "F" grades is presented to the Senate.

"As per the regulations, summer courses can be conducted for 1st year and 2nd year courses, provided if a minimum of 10 students register for the course. Only students with "F" grade are eligible to register for summer courses".

The above information is brought to the notice of the Senate to consider whether summer courses can be offered even for 3rd year and 4th courses to aid the students.

The Senate noted that there are quite a large number of students with "F" grades in some courses and suggested to take necessary steps including offering summer courses where there are large number of "F" grades even for 3rd year and 4th year courses.

2025-142-Senate-8	**Overlap between Minor and Open Elective Course of EC**

a) The Department of EC has offered the same course (EC395: Communication Systems) for both Minor course for non-circuit branches and also Open Elective Course. As per the regulations, the Minor course code and name has to be distinct from any other course offered by the Department. With the result there were FIVE (Four in third year and one outgoing student) students who have done the same course in both Minor and Open Elective course. This issue needs to be resolved in order to pass the results. The students have exploited the situation by doing the same course twice, without bringing it to the notice of the Department or Academic Section.

To resolve the issue, the following options are proposed for consideration of the Senate:

1. The four third year students may be asked to do one more elective course through NPTEL in lieu of EC395.
2. (i) For the outgoing student, award Major degree considering the course as Open Elective and do not award Minor Specialization. (ii) Change the Course code and name in the registration and award both Major Degree and Minor Specialization.

The Senate discussed the issue and resolved the following:

1. **The four third year students may be advised to do one more minor course through NPTEL in lieu of EC395.**
2. **For the outgoing student, award Major degree considering the course as Open Elective and do not award Minor Specialization.**

b) The Department was offering another course (EC254: CMOS VLSI Design) as a minor course for non-circuit branches. The same course is offered to 4th Semester EC students for four credits. All the minor course shall be for three credits. About 19 students have taken this course in the Minor program. With the same course code, the ERP will not permit both three and four credits. In order to resolve the issue, the course code and name offered as a Minor course shall be different from the EC254 with four credits.

The Senate advised the Department to change the codes of all the Minor courses to avoid duplication with the code or title with any other course offered by the Department. The necessary changes shall be incorporated in the ERP to facilitate the results processing.

2025-142-Senate-9	**M.Tech Program in Materials and Manufacturing**

The Senate in its 139th meeting has approved to establish an Inter-disciplinary Centre namely Centre for Materials and Manufacturing involving the Departments of MM, ME and PH. Taking into consideration that there were no admissions into the M.Tech in Materials Technology Program offered by the Department of MM, the Senate in principle accorded permission to redesign this program to be offered by the Centre for Materials and Manufacturing. Consequently, the Director has appointed Prof. K. V. Sai Srinath, ME as a Coordinator, Centre for Materials and Manufacturing.

The Centre is proposing to offer M.Tech in Materials and Manufacturing and suggested the Curriculum for this new program.

The Senate approved the proposal to offer the new M.Tech program on Materials and Manufacturing along with the Curriculum and permitted to admit students in this new program from the AY 2025-26.

2025-142-Senate-10	Any other Item with the permission of the Chair

The meeting ended with thanks to the Chair.

17.6.2025

Sri. Sunil Kumar Mehta
Registrar & Secretary

A.S. Babu 17/6/25

Prof. A. Sarath Babu
Dean (Academic)

17/6/2025

Prof. Bidyadhar Subudhi
Director & Chairman