

राष्ट्रीय प्रौद्योगिकी संस्थान वारांगल
National Institute of Technology Warangal
Hanamkonda, Warangal-506004, Telangana

Senate Minutes



Meeting No.: 133
Date: 22nd May 2024
Time 15.00 hours
Venue: Senate Hall, NIT Warangal

Minutes of 133rd Meeting of the Senate held on 22nd May 2024

Prof. Bidyadhar Subudhi, Chairman

Director, NIT Warangal

Prof. N. V. Umamahesh, Secretary

Registrar (I/c), NIT Warangal

Members Present:

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| 1. Prof. A. Sarath Babu (CH) | 34 Prof. L. Krishnanand (ME) |
| 2 Prof. A. Veeresh Babu (ME) | 35 Prof. M. Heera Lal (CE) |
| 3 Prof. A. Venu Gopal (ME) | 36 Prof. M. Sailaja Kumari (EE) |
| 4 Prof. A. Venu Vinod (CH) | 37 Prof. Mahesh Kumar Talari (MM) |
| 5 Prof. Adepu Kumar (ME) | 38 Prof. N. Bheema Rao (EC) |
| 6 Prof. B. Lakshmi (EC) | 39 Prof. N. Kishore Babu (MM) |
| 7 Prof. B. Sathish Ben (ME) | 40 Prof. N. Narasaiah (MM) |
| 8 Prof. B. Sri Padmavati, UOH | 41 Prof. N. Selvaraj (ME) |
| 9 Prof. B.L. Narasimha Raju (EE) | 42 Prof. N.V. Srikanth (EE) |
| 10 Prof. C. Vanitha (MM) | 43 Prof. N.V. Umamahesh (CE) |
| 11 Prof. C.S.R.K. Prasad (CE) | 44 Prof. P. Abdul Azeem (PH) |
| 12 Prof. Ch. Sudhakar (CS) | 45 Prof. P. Bangaru Babu (ME) |
| 13 Prof. Ch. Venkaiah (EE) | 46 Prof. P. Hari Krishna (CE) |
| 14 Prof. D. Kasinath (CY) | 47 Prof. P. Ravi Kumar (PE) |
| 15 Prof. D. Ramaseshu (CE) | 48 Prof. P. Sreehari Rao (EC) |
| 16 Prof. D. Srinivasa Charya (MA) | 49 Prof. P. Sreenivasa Rao (BT) |
| 17 Prof. D. Vakula (EC) | 50 Prof. P. Subhash Chandra Bose (ME) |
| 18 Prof. D.V.S.S. Siva Sarma (EE) | 51 Prof. P. Syam Prasad (PH) |
| 19 Prof. Debashis Dutta (MA) | 52 Prof. P. Venkata Sri Laxmi (CY) |
| 20 Prof. G. Amba Prasad Rao (me) | 53 Prof. P. Venkata Suresh (CH) |
| 21 Prof. G. Nagasrinivasulu (ME) | 54 Prof. P. Venkateswara Rao (CE) |
| 22 Prof. G. Rajesh Kumar (CE) | 55 Prof. Pisipati Radha Krishna (CS) |
| 23 Prof. G.V.S. Nageswara Rao (MM) | 56 Prof. R. Narasimha Rao (ME) |
| 24 Prof. Hari Ponnamma Rani (MA) | 57 Prof. R. Padmavathy (CS) |
| 25 Prof. J.V. Ramana Murthy (MA) | 58 Prof. Rashmi Ranjan Rout (CS) |
| 26 Prof. K. Anand Kishore (CH) | 59 Prof. Ravi Kumar Jatoth (EC) |
| 27 Prof. K. Kiran Kumar (ME) | 60 Prof. S. Anuradha (EC) |
| 28 Prof. K. Madhavi (HS) | 61 Prof. S. Srinivasa Rao (EE) |
| 29 Prof. K. Venkata Reddy (CE) | 62 Prof. S. Srinivasa Rao (ME) |
| 30 Prof. K.V. Gobi (CY) | 63 Prof. S. Venkateswara Rao (CE) |
| 31 Prof. K.V. Sai Srinadh (ME) | 64 Prof. Srikanth Korla (ME) |
| 32 Prof. KNS Kasiviswanadham (MA) | 65 Prof. T. Venkatappa Rao (PH) |
| 33 Prof. L. Anjaneyulu (EC) | 66 Prof. T.D. Gunneswara Rao (CE) |

67	Prof. V. Rajesh Khana Raju (ME)	71	Prof. Venkaiah Chowdary (CE)
68	Prof. V. Ramana Murthy (CE)	72	Prof. Venkatathri Narayanan (CY)
69	Prof. V. Suresh Babu (ME)	73	Prof. Y. Ravi Kumar (ME)
70	Prof. Velagapudi Vasu (ME)		

Special Invitees:

1. Prof. A. Benerji Babu (Head, MA)
2. Prof. Prakash Saudagar (Head, BT)
3. Prof. S. Vidya Sagar, Associate Dean, UG
4. Mr. A. Sreenivas, AR (Academic)

The following members could not attend the meeting:

1	Prof. Amit Prashant, IIT GN	18	Prof. P. Vamsi Krishna (ME)
2	Prof. Arif Ali Baig Moghal (CE)	19	Prof. Puli Ravi Kumar (ME)
3	Prof. Ashok K. Pradhan, IIT KGP	20	Prof. R. Dayanidhi (PE)
4	Prof. Asit Kumar Khanra (MM)	21	Prof. R. Satish Babu (BT)
5	Prof. Bhagwan K. Murthy (EE)	22	Prof. R.B.V. Subrahmanyam (CS)
6	Prof. C.S.P. Rao (ME)	23	Prof. S. Srinath (CH)
7	Prof. D. Jayakrishna (ME)	24	Prof. Sonawane Shirish Hari (CH)
8	Prof. Divi Haranath (PH)	25	Prof. Sourabh Roy (PH)
9	Prof. K. Madhu Murthy (ME)	26	Prof. T. Kishore Kumar (EC)
10	Prof. K. Narasimhulu (BT)	27	Prof. T.V.K. Hanumantha Rao (EC)
11	Prof. K. Ramesh (CS)	28	Prof. V. Hari Kumar (ME)
12	Prof. K. Thangaraju (PH)	29	Prof. V. Venkata Mani (EC)
13	Prof. M. Joseph Davidson (ME)	30	Prof. V.P. Chandra Mohan (ME)
14	Prof. N. Viswanathan (EE)	31	Prof. V.T. Somasekhar (EE)
15	Prof. P. Madhusudhana Reddy (PE)	32	Prof. Vangapandu Rama Devi (MS)
16	Prof. P. Ramlal (MS)	33	Prof. Vishnu Shanker (CY)
17	Prof. P. Ratish Kumar (CE)		

Leave of absence was approved for all the members who could not attend.

The Chairman, Senate welcomed all the Senators and invited them to the meeting.

Opening Remarks by the Chairman, Senate:

- The Research Scholars after the defence will be given an option for embargo period of a maximum one year for their thesis to enable them for publication of their thesis work.
- All the faculty members are appraised that the syllabi and curriculum revision is extended to 10th June, 2024.

2024-133-Senate-01

Student Representations

- (i) Mr. B. Vinay (EE), 3rd Semester M.Tech student (Roll No. 22EEM3R27) was absent from November 2023 to April 2024 due to illness. He was absent for the Comprehensive Viva Voce and also the Dissertation Part-A review at the end of the 3rd Semester. He made a request to permit him to continue his M.Tech program. He was paid stipend up to September 2023. The issue has been referred to SPGC. SPGC recommends the following:

“Considering the medical reasons, he may be allowed to continue his studies by registering for 3rd and 4th semesters in the AY 2024-25. The fellowship may be paid as per the Institute guidelines”.

The Senate approved the recommendation of SPGC.

- (ii) Mr. E. Dhanush (CS), B.Tech. 4th Semester student (Roll No. 22CSB0B18) submitted an appeal to nominate him for Semester Exchange Program in University of Illinois, Chicago. As per the existing norms, students are permitted for such exchange programs only in their final year in Institutes having MoU with NIT Warangal.

The Senate discussed on the possibility of encouraging the student for pursuing the internship. It is resolved that the student may apply for the exchange program during the 7th and 8th semesters. The Associate Dean (International Relations) is requested to pursue for signing an MoU with University of Illinois, Chicago.

- (iii) Several students with “R” grades in the previous semesters have submitted applications to allow them to write make-up examinations in the summer. As per the existing rules, students with “R” grade are not permitted to write make-up examinations.

The Senate deliberated on these requests and permitted the current batch of B.Tech 8th Semester students to register for a maximum number of three courses in the summer to enable them to complete the program.

- (iv) Mr. Shringyanshu Kumar (Roll No. 21ECB0A58) has “R” grade in two courses of 4th Semester. He made a request to promote him to 7th Semester. SUGC recommended not to consider the request as it is against the existing promotion rules.

Senate did not approve the request of the student.

2024-133-Senate-02	Action Taken report on the decisions taken in 132 nd Senate meeting	
2024-132-Senate-01	Student Representations	The decisions of the Senate have been informed to the students and necessary steps have been initiated for implementation.
2024-132-Senate-03	Confirmation of the minutes of 131 st Senate meeting	The minutes of 131 st Senate meeting approved by the Senate has been uploaded on the Institute website.
2024-132-Senate-04	Items for ratification	Noted.
2024-132-Senate-05	Results of Ph.D. Viva Voce Examination	Noted.
2024-132-Senate-06	Guidelines for Award of Best UG Project, PG Dissertation and PhD Thesis	To be implemented from next Academic Year.

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2024-132-Senate-07	Feedback forms	To be implemented from next Academic Year.
2024-132-Senate-08	PhD related Proposals	Age limit for PhD admission will be implemented from December 2024 Session.
2024-132-Senate-09	Policy for guiding External Research Scholars	Noted.
2024-132-Senate-10	Constitution of Students' Grievances Committee	Noted.
2024-132-Senate-11	Curriculum Revision	Departments have been suggested to revise the curriculum of all UG and PG programs for implementation for the AY 2024-25.
2024-132-Senate-12	Capacity Building Program for Design & Entrepreneurship	Noted.
2024-132-Senate-13	Empaneling NIT Warangal under Central Public Health & Environmental Engineering Organization for training and Research	Noted.
2024-132-Senate-14	Anti-plagiarism Policy	The Anti-plagiarism policy has been uploaded on the Institute website for dissemination and implementation.
2024-132-Senate-15	Any other Item i) The admission of Mr. B. Bixam, Full time Research Scholar ii) Award of Diploma in Civil Engineering to Mr. Masroor Ahmed	i) The cancellation orders have been served ii) Provisional Certificate is under preparation.

2024-133-Senate-03	Confirmation of the minutes of 132nd Senate meeting
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The minutes of the 132nd meeting of the Senate held on 30-04-2024 were circulated to all the senators. The comments received from the Senators were incorporated in the minutes.

The Senate approved the minutes of the 132nd Senate Meeting.

2024-133-Senate-04	Change of Supervisor/inclusion of Co-Supervisor
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Roll No.	Name of the Scholar	Existing Supervisor	Proposed New Supervisor & Co-Supervisor	Reason for changes
21CERER15	Mr. G. Deepchand	Prof. R. Vishnu	Prof. Venkaiah Chowdary	Student request

The Senate approved the change of Supervisor.

2024-133-Senate-05**Results of Ph.D. Viva Voce Examination**

The Senate confirmed the results of the following Ph.D. students who have been provisionally awarded degrees on approval of the Chairman, Senate.

PhD Results		
1	Mr. Naresh Kali	
	Department	ME
	Roll No.	718137
	Date of Viva-voce Examination	02-05-2024
	Foreign Examiner	Prof. Ibrahim N. Tansel, MM, Florida International University
	Indian Examiner	Prof. Srinivasa Rao Bakshi, MM, IIT- Madras, Chennai
	Supervisor(s)	Prof. Srikanth Korla
Thesis Title	Development and insight studies on hybrid fibre metal laminates (FMLs) for aerospace and structural applications	
2	Mr. P. Shyamsunder	
	Department	CE
	Roll No.	701605
	Date of Viva-voce Examination	03-05-2024
	Foreign Examiner	Prof. Rajagopalan Balaji, University of Colorado, Boulder, USA
	Indian Examiner	Prof Manish Kumar Goyal, IIT, Indore
	Supervisor(s)	Prof. K.V. Jayakumar and Dr. K. Yella Reddy
Thesis Title	Assessment of Soil Erosion and Sediment Yield for Prioritization of Watersheds Using Soil and Water Assessment Tool (SWAT)	
3	Mr. Subhabrata Rath	
	Department	MA
	Roll No.	719098
	Date of Viva-voce Examination	18-03-2024
	Foreign Examiner	Prof. Vincent Charles, Reader, Queen's Business School, Queen's University Belfast, UK
	Indian Examiner	Prof. Akshay Kumar Ojha, School of Basic Sciences, IIT Bhubaneswar
	Supervisor(s)	Prof. Debashis Dutta
Thesis Title	Innovative Hybrid Metaheuristic Algorithms and their Applications under Fuzzy or Deterministic Environment	
4	Mr. K. Vijaya Bhaskar Reddy	
	Department	ME
	Roll No.	718129
	Date of Viva-voce Examination	07-05-2024
	Foreign Examiner	Dr. Hamed Yazdani Nezhad, Associate Professor in Mech. Engg., University of Leeds, UK.
	Indian Examiner	Prof. S. Aravindan, ME, IIT-Delhi
	Supervisor(s)	Prof. G. Venkatesh
Thesis Title	Numerical and Experimental Studies on Microwave-Welded Stainless Steel (316L) and Hastelloy (C-276) Joints	
5	Mr. D. Ramesh Reddy	
	Department	EC
	Roll No.	701944
	Date of Viva-voce Examination	08-05-2024
Foreign Examiner	Prof. Surender Reddy Salkuti, Dept. of Railroad and Electrical Engineering, Woosong University, West Campus, Daejeon, Republic of Korea	

	Indian Examiner	Dr. Suresh Sundaram, Associate Professor, EC, IIT Guwahati
	Supervisor(s)	Prof. Kodali Prakash
	Thesis Title	Design and Development of Seed Germination Classification System using AI and IoT
6	Mr. Srinivas Arukonda	
	Department	CS
	Roll No.	721089
	Date of Viva-voce Examination	10-05-2024
	Foreign Examiner	Prof. Hadi Heidari, James Watt School of Engineering, University of Glasgow, Glasgow, UK.
	Indian Examiner	Dr. Deepti R. Bathula, Associate Professor, CSE, IIT Ropar
	Supervisor(s)	Prof. Ramalingaswamy Cheruku
Thesis Title	Metaheuristic Algorithms based Ensemble Models for Enhanced Chronic Disease Diagnosis	
7	Ms. Romana Mariyam Rasheed	
	Department	CE
	Roll No.	21CEPJ020
	Date of Viva-voce Examination	10-05-2024
	Foreign Examiner	Dr. Vinod Jayan Sylaja, Associate Professor, University of Wollongong, NSW, Australia
	Indian Examiner	Prof. Neelima Satyam, Professor, Indian Institute of Technology Indore
	Supervisor(s)	Prof. Arif Ali Baig Moghal
Thesis Title	Geotechnical Behavioural Studies on Low Organic Soil Treated With Chitosan and Casein Biopolymers	
8	Mr. Ajoy Kumar Nandy	
	Department	ME
	Roll No.	718023
	Date of Viva-voce Examination	14-05-2024
	Foreign Examiner	Prof. Chun Yang, Nanyang Technological University, Singapore
	Indian Examiner	Dr. Harish N. Dixit, IIT Hyderabad
	Supervisor(s)	Prof. Karthik Subramanian
Thesis Title	A Numerical Study on Heat Transfer and Fluid Flow Characteristics of Solid/Porous Compound Wavy Microchannel Heat Sinks	
9	Mr. Boddu Sudhir Kumar	
	Department	CE
	Roll No.	718106
	Date of Viva-voce Examination	16-05-2024
	Foreign Examiner	Prof. Stephen Mattingly, Dept. of Civil Engineering, University of Texas
	Indian Examiner	Prof. P. Vedagiri, Department of Civil Engineering, IIT Bombay
	Supervisor(s)	Prof. Venkaiah Chowdary
Thesis Title	Assessment of Rail Transport Noise Perceived by Trackside Dwellers	
10	Mr. Indranil Dey	
	Department	CH
	Roll No.	16-05-2024
	Date of Viva-voce Examination	21CHFJ122
	Foreign Examiner	Prof. Zoltan K Nagy, Purdue University, West Lafayette, IN 47907-2100
	Indian Examiner	Dr. Selvaraju Narayamasami, Associate Professor IIT, Guwahati
	Supervisor(s)	Prof. Seshagiri Rao Ambati and Prof. P. Sridhar
Thesis Title	Design and performance evaluation of advanced control Strategies for biological wastewater treatment plants.	
	Ms. Sarvelappi Mounika	

11.	Department	BT
	Roll No.	717157
	Date of Viva-voce Examination	17-05-2024
	Foreign Examiner	Dr. Show Pau Loke, Full Professor of Biochemical Engg. at Khalifa University, Abu Dhabi, United Arab Emirates
	Indian Examiner	Prof. Sathyanarayana N. Gummadi, Department of Biotechnology, IIT Madras
	Supervisor(s)	Prof. K. Narasimhulu
	Thesis Title	Production, purification and characterization of siderophores from marine bacteria and their application in heavy metal chelation and silver nano particles synthesis
12	Ms. Nidhi Humnekar	
	Department	MA
	Roll No.	719096
	Date of Viva-voce Examination	17-05-2024
	Foreign Examiner	Prof. Ashwin Vaidya, Montclair State University, Montclair NJ 07043, USA.
	Indian Examiner	Prof. S.R. Manam, Department of Mathematics, IIT Madras, Chennai 600036
	Supervisor(s)	Prof. D. Srinivasacharya
Thesis Title	Linear Stability of Convection in an Inclined Porous Channel Filled with Nanofluid, Casson Fluid, and Dusty Fluid	
13	Ms. Chinta Manjula	
	Department	CE
	Roll No.	719027
	Date of Viva-voce Examination	21-05-2024
	Foreign Examiner	Prof. Keijin Wang, Iowa State University, USA
	Indian Examiner	Prof. K. K. Pathak, Civil Engg., IIT(BHU) Varanasi
	Supervisor(s)	Prof. D. Rama Seshu and Prof. T.D. Gunneswara Rao
Thesis Title	A Study on the Behavior of RC Beams Provided With Welded Wire Mesh as a Core Zone Reinforcement	
14	Mr. Pradeep Kumar Gandam	
	Department	BT
	Roll No.	716181
	Date of Viva-voce Examination	17-05-2024
	Foreign Examiner	Prof. Vijai Kumar Gupta, School of Biotechnology, Dublin City University, Ireland
	Indian Examiner	Prof. Venkata Dasu Veeranki, Department of Biosciences & Bioengg, IIT, Guwahati
	Supervisor(s)	Prof. B Rama Raju
Thesis Title	Synergistic Sustainable Biorefinery Approach for Corncob Biomass: Optimization, Production, and Assessment of Bioethanol, Glycerol, and Xylooligosaccharides	
15	Mr. Abhishek Kumar	
	Department	ME
	Roll No.	718030
	Date of Viva-voce Examination	21-05-2024
	Foreign Examiner	Prof. Ratneshwar Jha, Florida Institute of Technology, University Blvd., Melbourne, USA
	Indian Examiner	Prof. C.V. Krishnamurthy, Department of Physics, IIT Madras
	Supervisor(s)	Prof. P. Suresh
Thesis Title	Ultrasonic waveguide techniques for level sensing and adulteration detection of fluids	
16	Mr. Yarramsetty Subbarao	
	Department	CE
	Roll No.	716104
	Date of Viva-voce Examination	22-05-2024
Foreign Examiner	Prof. Dr. Ana Bras, Liverpool John Moores University	

Indian Examiner	Prof.K.N. Jha, IIT Delhi
Supervisor(s)	Prof. P. Anand Raj and Prof. M.V.N. Siva Kumar
Thesis Title	Evaluation of Combined Comfort Index and Energy Conservation of Institutional Buildings using Multi-Criteria Decision Making.

The Senate approved the results.

2024-133-Senate-06	Nomination of Board Member
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Prof. G.R.K. Gupta, Associate Professor (ME) who is currently serving as a member of the Board of Governors will be superannuating from service on 31-05-2024. It is proposed to nominate Prof. S.K.L.V. Saiprakash, Associate Professor (EC) as the member of the Board of Governors with effect from 01-06-2024 in place of Prof. G.R.K. Gupta.

The Senate approved the nomination of Prof. S.K.L.V. Saiprakash as the member of Board of Governors with effect from 01-06-2024.

2024-133-Senate-07	Proposals for offering new programs
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- i) The Department of Mechanical Engineering submitted a proposal to start an e-Masters' program on Additive Manufacturing
- ii) Department of Mathematics submitted a proposal to offer a Joint Masters' Program in MSc Digital Manufacturing and Data Analytics in collaboration with the Swansea University, UK.

The Senate expressed its satisfaction on the endeavors of the Departments for launching new e-Masters program. However it was suggested that the Department of MA to rephrase the name of the program to avoid duplications among Academic programs. Prof. DVSS Sarma, Chairman, New Programs Committee was requested to formulate comprehensive guidelines for starting e-Master's programs and offering Joint Programs for discussion in the next Senate.

2024-132-Senate-08	UG/PG/PhD course work Results
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The results of all the UG, PG and PhD programs have been circulated to the Senators. The Dean, Academic has informed the Senate that II Year M.Tech, III year MCA and III year MSc. (Tech) results are pending. Prof. K. Kiran Kumar, PIC, Examinations has presented a detailed analysis of the results to the Senate.

The Senate approved the results. It has been resolved to issue Provisional Certificates to M.Tech, MCA and MSc. (Tech) dated 28-06-2024. The Chairman, Senate has appointed the following Committee to suggest guidelines for processing and publishing results:

Prof. P. V. Suresh (CH), Chairman

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Prof. D. Kasinath (CY), Member

Prof. K. Venkata Reddy (CE), Member

Prof. Prakash Saudagar (BT), Member.

2024-132-Senate-09	Academic Ambience and safety in the Campus
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The Chairman, Senate has informed that installation of Video Surveillance system will be taken up soon. Approval for the same has been made by FC/BoG.


2024-132-Senate-10	Any other item with the permission of the Chair
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Prof. Kiran Kumar has requested that a policy document may be made about the Exit Degree/Diploma to be issued as per NEP guidelines.

The Chairman, Senate requested Prof. D.V.S.S. Siva Sarma to formulate the policy guidelines.

The meeting ended with thanks to the Chair.


Prof. N. V. Umamahesh
Registrar (I/c) & Secretary


Prof. A. Sarath Babu
Dean, Academic


Prof. Bidyadhar Subudhi
Director & Chairman