



Minutes of 124th Meeting of the Senate

**National Institute of Technology Warangal
Hanamkonda, Warangal-506004, Telangana**

Meeting: 124th Senate Meeting

Venue: Senate Hall, NIT Warangal

Date: 16th May 2023

Time: 15:00 hrs



**MINUTES OF THE 124th MEETING OF THE SENATE HELD
ON 16.05.2023 AT 03.00 PM IN SENATE HALL**

Chairman

Prof. Bidyadhar Subudhi

Director, NITW

Secretary

Sri S. Goverdhan Rao

Registrar

External Member:

Prof. Sujatha Mukiri, IEFL, Hyderabad

Internal:

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| 1. Prof. N.V.Uma Mahesh | 31. Prof. Adepu Kumar |
| 2. Prof. D.V.S.S.Siva Sarma | 32. Prof. V.Suresh Babu |
| 3. Prof. C.S.R.K.Prasad | 33. Prof. Nagasrinivasulu, G |
| 4. Prof. S.Srinivasa Rao | 34. Prof. A. Veeresh Babu |
| 5. Prof. P.Bangaru Babu | 35. Prof. Y. Ravi Kumar |
| 6. Prof. J.V.Ramana Murthy | 36. Prof. V.Rajesh Khana Raju |
| 7. Prof. A.Venugopal | 37. Prof. M. Joseph Davidson |
| 8. Prof. N.Selvaraj | 38. Prof. Velagapudi Vasu |
| 9. Prof. G.Amba Prasada Rao | 39. Prof. P.Vamsi Krishna |
| 10. Prof. V.Rajeswara Rao | 40. Prof. P.Subhash Chandra Bose |
| 11. Prof. G.V.S.Nageswara Rao | 41. Prof. V. Hari Kumar |
| 12. Prof. G.Rajesh Kumar | 42. Prof. D.Jayakrishna |
| 13. Prof. V.T.Somasekhar | 43. Prof. K. Srikanth |
| 14. Prof. D. Ramaseshu | 44. Prof. V.P.Chandra Mohan |
| 15. Prof. Y N Reddy | 45. Prof. K. Kiran Kumar |
| 16. Prof. P.Ratish Kumar | 46. Prof. B.Satish Ben |
| 17. Prof. T.D.Gunneswara Rao | 47. Prof. T.Kishore Kumar |
| 18. Prof. V.Ramana Murthy | 48. Prof. L.Anjaneyulu |
| 19. Prof. P.Hari Krishna | 49. Prof. N.Bheema Rao |
| 20. Prof. M.Heera Lal | 50. Prof. B.Lakshmi |
| 21. Prof. Venkaiah Chowdary | 51. Prof. P.Sreehari Rao |
| 22. Prof. K. Venkata Reddy | 52. Prof. V. Venkata Mani |
| 23. Prof. N.Viswanathan | 53. Prof. D. Vakula |
| 24. Prof. S.Srinivasa Rao | 54. Prof. S. Anuradha |
| 25. Prof. M.Sailaja Kumari | 55. Prof. Ravi Kumar Jatoth |
| 26. Prof. Ch.Venkaiah | 56. Prof. N. Narasaiah |
| 27. Prof. N.V.Srikanth | 57. Prof. Asit Kumar Khanra |
| 28. Prof. B.L. Narasimha Raju | 58. Prof. C. Vanitha |
| 29. Prof. K.V.Sai Srinadh | 59. Prof. Mahesh Kumar Talari |
| 30. Prof. R.Narasimha Rao | 60. Prof. Sonawane Shirish Hari |



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| 61. Prof. A.Venu Vinod | 79. Prof. Hari Ponnammma Rani |
| 62. Prof. A. Sarath Babu | 80. Prof. T. Venkatappa Rao |
| 63. Prof. S.Srinath | 81. Prof. Haranath Divi |
| 64. Prof. P. Venkata Suresh | 82. Prof. P.Abdul Azeem |
| 65. Prof. S.G.Sanjeevi | 83. Prof. P.Syam Prasad |
| 66. Prof. R.B.V. Subrahmanyam | 84. Prof. K.Thangaraju |
| 67. Prof. Pisipati Radha Krishna | 85. Prof. Sourabh Roy |
| 68. Prof. K.Ramesh | 86. Prof. K.V.Gobi |
| 69. Prof. R.Padmavathy | 87. Prof. P. Venkata Sri Laxmi |
| 70. Prof. Ch.Sudhakar | 88. Prof. Venkatathri Narayanan |
| 71. Prof. Rashmi Ranjan Rout | 89. Prof. Vishnu Shanker |
| 72. Dr. S. Ravichandra, HOD, CSE | 90. Prof. D. Kasinath |
| 73. Prof. P. Sreenivasa Rao | 91. Prof. P. Ramlal |
| 74. Prof. R. Satish Babu | 92. Prof. Vangapandu Rama Devi |
| 75. Prof. K. Narasimhulu | 93. Prof. K.Madhavi |
| 76. Prof. K.N.S. Kasiviswanadham | 94. Prof. R.Dayanidhi |
| 77. Prof. Debashis Dutta | 95. Prof. P.Madhusudhana Reddy |
| 78. Prof. D.Srinivasa Charya | |

Special Invitees:

- (1) Dr. S. Vidya Sagar, Assoiciate Dean, UG
- (2) Sri Soumen Karmakar, Dy. Registrar, Academic

The following members could not attend the meeting:

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| 1. Prof. K. V. L. Subramaniam, IIT Hyd. | 8. Prof. P. Anand Raj |
| 2. Prof. Ch. Subrahmanyam, IIT Hyd. | 9. Prof. Bhagwan K.Murthy |
| 3. Prof. K. Madhumurthy | 10. Prof. T.V.K. Hanumantha Rao |
| 4. Prof. C.S.P. Rao | 11. Prof. K. Anand Kishore |
| 5. Prof. Puli Ravikumar | 12. Prof. B.B. Amberker |
| 6. Prof. M. Chandrasekhar | 13. Prof. D. Dinakar |
| 7. Prof. L. Krishnanand | 14. Prof. P. Ravi Kumar |

Leave of absence was approved for all members absent.

At the outset, Registrar welcomed Prof. Bidyadhar Subudhi, who has taken over as the Director and the Chairman of the Senate of NIT Warangal on 27th April 2023. Later, the Chairman addressed the Senators. In his address, he stressed the importance of adhering to the rules and regulations and transparency while making decisions. He suggested that the Senate meetings in future can be held in hybrid mode to facilitate the participation of the external members of the Senate.

The Chairman and the Senators placed on record their appreciation for the excellent services rendered by Prof. N V Ramana Rao as Chairman of the Senate during his tenure from October 2017 to April 2023.



The Chairman and the Senators also placed on record the valuable services rendered by the following Senators who have retired during the Academic Year 2022-23.

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| 1. Prof. C.B. Kameswara Rao | 6. Prof. C.B. Rama Rao |
| 2. Prof. D. Deva Pratap | 7. Prof. K. Laxma Reddy |
| 3. Prof. D.M. Vinod Kumar | 8. Prof. N. Subrahmanyam |
| 4. Prof. A. Neelakanteswara Rao | 9. Prof. K Venugopal Reddy |
| 5. Prof. L Ram Gopal Reddy | 10. Prof. B. Sobha |

The Chairman requested the Dean (Academic) to proceed with the agenda of the meeting.

#	Agenda	Resolution
124.1	To Confirm the minutes of the 123 rd Senate meeting The minutes of the 123 rd Meeting of the Senate were placed before the Senate after incorporating the comments received from members.	<i>The Senate confirmed the minutes of the 123rd Senate meeting.</i>
124.2	Proposal to start an interdisciplinary B.Tech. program in Mathematics and Computing by the Department of Mathematics with participation of CS, EC and EE departments.	<i>The Senate approved the proposal of starting the new B.Tech program in Mathematics and Computing. However, the scheme of instructions and the syllabi are referred back to the Department with the following suggestions: a. The Department may collect inputs from other Institutes offering similar courses. b. The Department shall coordinate with other departments of the Institute to design the course. c. The revised scheme and syllabi shall be placed before the Institute Curriculum Development Committee d. The logistics viz faculty strength, student intake etc., shall be placed before the BoG for approval.</i>
124.3	Proposal to start a B.Tech. program in VLSI by the Department of ECE Head, Department of ECE made a detailed presentation justifying the proposal to start a new B.Tech program in VLSI. The Department proposed to reduce the intake in B.Tech (ECE) to create seats in the proposed B.Tech program in VLSI.	<i>The Senate approved the proposal of starting the new B.Tech program in VLSI Design Technology. The Senate suggested the Department to place the detailed scheme of instructions and the syllabi of the proposed program before the Institute Curriculum Development Committee. The recommendation of the Curriculum development committee shall be placed in the next Senate for approval.</i>
124.4	Integrated Teacher Education Program – 4-year Integrated B.Sc. B.Ed. Program at NIT, Warangal National Council of Teacher Education (NCTE) has given permission to NIT, Warangal, to start a 4-year Integrated B.Sc. B.Ed. program in NIT, Warangal, from the Academic Year 2023-24. The sanctioned intake is 50. Admission to this program is through the National Common Entrance Test conducted by the National Testing Agency. The guidelines framing the scheme of evaluation and the curriculum for this program will be given by NCTE. The details of this program are placed before the Senate for approval.	

	<p><i>The Senate has suggested referring other premier Institutes such as NIT Calicut, IIT Kharagpur and IIT Madras etc., which are offering similar programs. The inputs shall be shared with the Institute Curriculum Development Committee. The recommendation of the committee shall be placed in the next Senate for consideration.</i></p>
124.5	<p>Proposals for starting the following new M.Tech. Programs are placed before the Senate.</p> <ol style="list-style-type: none"> 1. M.Tech in Welding Technology and Non-Destructive Testing by Department of MME 2. M.Tech in Sustainable Energy Generation and Storage Technologies by the Department of Chemical Engineering 3. M.Tech in Embedded Learning Systems by Department of ECE 4. M.Tech in Tera Hertz and 6G Communications by the Department of ECE 5. M.Tech in Electric Vehicle Technologies by the Department of Electrical Engineering 6. M.Tech in Control and Automation Engineering by the Department of Electrical Engineering <p><i>Approved to start the M.Tech programs in Welding Technology and Non-Destructive Testing and Sustainable Energy Generation and Storage Technologies from the next academic year (2023-24). The other proposed M.Tech programs are referred back to the respective Departments with a suggestion to come out with more details and justification for starting these courses.</i></p> <p><i>Senate suggested the respective Departments proposing to start the new programs to present the proposals before New Programs Committee. The recommendations of the Committee will be discussed in the next Senate.</i></p>
124.6	<p>Revision of Guidelines for Ph.D. Admission</p> <p>The following are the recommendations of the Academic Standing Committee (ASC) with regard to the revision of guidelines for PhD admission:</p> <ul style="list-style-type: none"> • For candidates with M.Tech, GATE is not mandatory for admission into Ph.D. programs in Engineering Departments • Candidates with B.Tech. seeking direct admission into Ph.D. programs shall have a valid GATE score. • GATE/ NET qualification is mandatory for candidates with M.Sc. in relevant specialization seeking admission into Ph.D. in Engineering Departments. • All the eligible candidates will be called for the written test. • The written test will be conducted for 100 marks. • The syllabus for the written test is as per the GATE syllabus in the relevant specialization. • The cut-off marks in the written examination for shortlisting for the interview shall be decided by the Department. • Candidates with a GATE score may be given more weightage during the interview. • The Engineering Departments may decide on which specializations in M.Sc. are eligible for admission into Ph.D. programs in their Department. <p>Based on the recommendations of the Academic Standing Committee, the Departments were requested to give the relevant specializations.</p> <ul style="list-style-type: none"> • Department of Metallurgical and Materials Engineering: M.Sc. in Physics/ Chemistry/ Materials Science/Polymer/ Electronics/ Nanoscience and Nanotechnology/ Ceramic Engineering/ Surface Engineering • Department of Chemical Engineering: M.Sc (Chemistry, Physics, Maths, Material Science, Environmental Science, Polymer Science, Biotechnology, Nanotechnology, Agriculture and allied areas), and M.Pharm. • Department of Biotechnology: M.Sc. in Biotechnology/ Biochemistry/ Microbiology/ Botany/ Zoology/ Bioinformatics/Life Sciences

	<p>The recommendations are placed before the Senate for approval.</p> <p><i>The Senate approved the above proposal.</i></p>
124.7	<p>Institute Level Ph.D. Courses</p> <p>The following courses are proposed to be offered as Institute level Ph.D. courses:</p> <ol style="list-style-type: none"> CH7001: Sustainable Engineering by Department of Chemical Engineering PH7870: Software tools for Materials Science and Engineering Research by Department of Physics PH7871: Smart Engineering Aerials and Devices by Department of Physics SM7406: Supply Chain Management by School of Management <p><i>The Senate approved the above proposal.</i></p>
124.8	<p>Proposal for Introducing Joint Advanced Certificate in Management in collaboration with IIM, Visakhapatnam.</p> <p><i>The Senate has resolved to collect the feedback from the current 2nd and 3rd year UG and 1st year PG students regarding the program. One Google form shall be designed and circulated in this regard. This will be presented in the next meeting.</i></p>
124.9	<p>Issuing No Objection Certificate for transferring Ph.D. candidature to IIT, Dharwad</p> <p>Mr. G Rajamohan joined as a JRF and subsequently registered for Ph.D. under the supervision of Dr. Ramesh Nayaka, Assistant Professor in the Department of Civil Engineering. Dr. Ramesh Nayaka has recently left NIT, Warangal to join as a faculty in IIT, Dharwad. Mr. Rajmohan is requesting for issue of No Objection Certificate for the transfer of his Ph.D. candidature to IIT, Dharwad so that he can continue his Ph.D. at IIT, Dharwad.</p> <p><i>The Senate approved the above proposal.</i></p>
124.10	<p>Request from the School of Management for permission to take Post-Doctoral Fellows</p> <p><i>The Senate approved the proposal to take Post-Doctoral Fellows in School of Management and Department of Humanities & Social Sciences.</i></p>
124.11	<p>Redistribution of Seats under DASA</p> <p>The number of seats under the DASA scheme for our Institute is 138 (15% of the sanctioned intake of our Institute) spread across all the B.Tech programs and are considered as supernumerary. Out of this, 46 seats are reserved under the category of CIWG (Children of Indians Working in Gulf Countries). The tuition fee for the students admitted under the CIWG quota is the same as that of the Indian students. It is observed from the last three years that most of the seats under the General Category in some of the Departments, like, Civil Engineering, Chemical Engineering, Biotechnology and Mechanical Engineering, are remaining vacant as no students are opting for these B.Tech programs under DASA General Category. Hence, it is proposed to redistribute the seats allotted under the DASA General Category by reducing the number of seats in Departments where there is less demand and increasing the seats in the Departments where there is more demand. However, the total number of seats under DASA General Category will remain at 92.</p> <p><i>The Senate approved to increase seats in EC and CS by decreasing 10 each (under non-CIWG category) and by reducing 5 seats each in CE, ME, CH and BT departments.</i></p>
124.12	<p>Request from the Department of Physical Education to sanction Ph.D. fellowships to the Department.</p> <p><i>The Senate referred back the matter to the Department of Physical Education.</i></p>
124.13	<p>Request for absorbing the Part-time Research Scholars in the School of Humanities & Management at NIT, AP to NIT, Warangal.</p> <p>The Dean Academic of NIT, AP sent a letter requesting for transfer of Part-time Ph.D. research scholars at NIT, AP, who were working under the supervision of Prof. C.S.P Rao, Professor of Mechanical Engineering and former Director of NIT, AP, to NIT, Warangal.</p> <p><i>The Senate has not approved the proposal.</i></p>



124.14	Proposal for introducing a new elective course on Compressible Flows in M.Tech by the Department of Mechanical Engineering. <i>The Senate has approved the proposal.</i>
124.15	Conducting Summer Quarter/ Makeup Examination for Final Year Students The final-year students who got only one R / F grade in only one course (either in III year or IV year) are requesting to conduct either Summer Quarter/ Makeup Examination in such courses so that they can complete their degree by the end of June. <i>The Senate has approved the proposal.</i>
16	Preparation of Student Discipline Manual The Chairman, Senate has discussed about the necessity of having a comprehensive disciplinary manual for the students in view of the growing incidents of indiscipline among the students. He suggested Dean (Academic) to draft a comprehensive discipline manual and circulate among all the Senators for their inputs. <i>The comprehensive draft manual shall be placed in the next Senate for consideration.</i>
17	Paternity Leave for Research Scholars It is proposed to modify rule 5.3 of the rules and regulations for Ph.D. scholars as follows in order to incorporate Paternity Leave. “Married Research scholars admitted to the research program of the Institute shall, in addition to casual leave and medical leave, be entitled to maternity/paternity leave as per rules of the Government of India admissible to Central Government female employees (Rule 43(1) of the CCS (leave) rules 1972, if the request for the leave is supported by an original medical certificate from a registered medical practitioner” to all the eligible Married Full-Time Ph.D. Research Scholars (under the Institute fellowship scheme) of the Institute. Male Full-Time Ph.D. scholars are eligible for paternity leave subject to the following conditions: <ul style="list-style-type: none"> • Minimum Six months of Research period prior to proceeding on maternity leave • Paternity leave will be sanctioned on submitting the original Medical Certificate. <i>The Senate has approved the proposal.</i>
124.18	Items for ratification: <ol style="list-style-type: none"> a. Permission for early submission of the Ph.D. thesis by Mr. N V Raghavaiah (719059) b. Change of supervisor for Ms. Maloth Vijaya (21ECFJ098), a research scholar in the Department of ECE c. Passing of results of I year B.Tech and I year Integrated M.Sc d. Permitting Prof. P. Krishna Reddy of IIIT, Hyderabad as Co-supervisor for Mrs. Y Gnyana Deepa, a fulltime (self-finance) research scholar in the Department of CSE. <i>The Senate ratified the above proposals.</i>
19	Any other item with the permission of the Chair:
a.	Department Curriculum Development Committee: The Chairman, Senate suggested that a Curriculum Development Committee (CDC) shall be constituted at the Department level (in place of the Board of Studies). The CDC will have either Head of the Department or a Senior Professor of the Department as Chairman. The CDC will have three experts from other academic institutions (one of them may be an alumnus of the institute), one expert from the industry and one expert from R&D labs as external members. The senior members of the Department (with at least one member from each of the PG programs offered by the Department) will be the internal members of the CDC. The CDC will be responsible for developing/ revising the curriculum for all the programs offered by the Department. <i>The Senate has approved the proposal.</i>
b.	Institute-level Curriculum Development Committee: The Chairman suggested to constitute an Institute level Curriculum Development Committee (ICDC). The ICDC will be responsible for framing the general guidelines for developing/ revising the curriculum of various programs offered in the Institute. The proposals/ recommendations of the Department level CDC will be placed before ICDC before placing



	them in the Senate for approval. Prof. A. Venugopal, Department of Mechanical Engineering is nominated as the Chairman of ICDC. <i>The Senate has approved the proposal.</i>
c.	New Program Committee: The Chairman also suggested to constitute New Programs Committee (NPC). The NPC will review and evaluate proposals for starting new programs from any Department. NPC will consider the needs of the country, job prospects, faculty expertise available while reviewing the proposal for starting any new program. The recommendations/ observations of the NPC will be placed before the Senate for approval/ consideration. Prof. D. V. S. Siva Sarma of the Department of Electrical Engineering is nominated as the Chairman of NPC. Prof. Vanitha, Department of Metallurgical and Materials Engineering, Prof. K. Thangaraju, Department of Physics and Prof. K. Madhavi, Department of Humanities and Social Sciences, are nominated as members of NPC. <i>The Senate has approved the proposal.</i>
d.	The Department of Chemistry offers M.Sc. in Chemistry with two specializations, namely, Analytical Chemistry and Organic Chemistry. The Department has requested that the two specializations may be explicitly mentioned in the CCMN website with separate seat matrix. <i>The Senate rejected the proposal.</i> <i>The Senate suggested that the Department can give publicity through brochure regarding the specialisations that the Department is offering in M.Sc. (Chemistry). The Senate has also suggested that the Department conduct a spot round after the end of CCMN counselling if there are any vacant seats.</i>

Prof. Bidyadhar Subudhi
CHAIRMAN