



Minutes of 128th Meeting of the Senate

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

Meeting: 128th Senate Meeting

Venue: Senate Hall, NIT Warangal

Date: 20th November 2023

Time: 15:00 hrs

Minutes of 128th Meeting of the Senate held on 20th November 2023

Chairman

Prof. Bidyadhar Subudhi

Director, NIT Warangal

Secretary

Prof. C.S.R.K. Prasad

Registrar (I/c), NIT Warangal

Members:

1	Prof. A. Benerji Babu (Head, MA)	34	Prof. N. Narasaiah
2	Prof. A. Sarath Babu	35	Prof. N. Selvaraj
3	Prof. A. Veeresh Babu	36	Prof. N.V. Umamahesh
4	Prof. A. Venu Vinod	37	Prof. P. Abdul Azeem
5	Prof. Amit Prashant, Ext.	38	Prof. P. Ramlal
6	Prof. Asit Kumar Khanra	39	Prof. P. Ratish Kumar
7	Prof. B. Satish Ben	40	Prof. P. Sreehari Rao
8	Prof. B. Sri Padmavati, Ext.	41	Prof. P. Sreenivasa Rao
9	Prof. B.L. Narasimha Raju	42	Prof. P. Subhash Chandra Bose
10	Prof. C.S.R.K. Prasad	43	Prof. P. Venkata Sri Laxmi
11	Prof. Ch. Sudhakar	44	Prof. P. Venkata Suresh
12	Prof. Ch. Venkaiah	45	Prof. P Venkateswara Rao
13	Prof. D. Jayakrishna	46	Prof. Pisipati Radha Krishna
14	Prof. D. Kasinath	47	Prof. Prakash Saudagar (HoD, BT)
15	Prof. D. Srinivasa Charya	48	Prof. Puli Ravi Kumar
16	Prof. D. Vakula	49	Prof. R. Dayanidhi
17	Prof. D.V.S.S. Siva Sarma	50	Prof. R. Narasimha Rao
18	Prof. Debashis Dutta	51	Prof. R. Padmavathy
19	Prof. Divi Haranath	52	Prof. R. Satish Babu
20	Prof. G.V.S. Nageswara Rao	53	Prof. R.B.V. Subrahmanyam
21	Prof. Hari Ponnammma Rani	54	Prof. Rashmi Ranjan Rout
22	Prof. K. Anand Kishore	55	Prof. S. Srinivasa Rao (EED)
23	Prof. K. Kiran Kumar	56	Prof. S. Srinivasa Rao (MED)
24	Prof. K. Madhu Murthy	57	Prof. S Venkateswara Rao
25	Prof. K. Narasimhulu	58	Prof. Sonawane Shirish Hari
26	Prof. K. Thangaraju	59	Prof. Sourabh Roy
27	Prof. K.N.S. Kasiviswanadham	60	Prof. T. Kishore Kumar
28	Prof. K.V. Sai Srinadh	61	Prof. T. Venkatappa Rao
29	Prof. L. Krishnanand	62	Prof. T.D. Gunneswara Rao
30	Prof. M. Heera Lal	63	Prof. V. Hari Kumar
31	Prof. M. Sailaja Kumari	64	Prof. V. Rajesh Khana Raju
32	Prof. N. Bheema Rao	65	Prof. V. Ramana Murthy
33	Prof. N. Kishore Babu	66	Prof. V. Suresh Babu

- 67 Prof. V.P. Chandra Mohan
- 68 Prof. V.T. Somasekhar
- 69 Prof. Vangapandu Rama Devi
- 70 Prof. Venkaiah Chowdary
- 71 Prof. Venkatathri Narayanan

Special Invitees:

- (1) Prof. S. Vidya Sagar, Associate Dean, UG

The following members could not attend the meeting:

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|---------------------------------------|--------------------------------|
| 1 Prof. A. Venu Gopal | 21 Prof. M. Joseph Davidson |
| 2 Prof. Adepu Kumar | 22 Prof. Mahesh Kumar Talari |
| 3 Prof. Arif Ali Baig Moghal | 23 Prof. N. Viswanathan |
| 4 Prof. Ashok K. Pradhan, Ext. | 24 Prof. N.V. Srikanth |
| 5 Prof. B. Lakshmi | 25 Prof. P. Bangaru Babu |
| 6 Prof. Bhagwan K. Murthy | 26 Prof. P. Hari Krishna |
| 7 Prof. C. Vanitha | 27 Prof. P. Madhusudhana Reddy |
| 8 Prof. C.S.P. Rao | 28 Prof. P. Ravi Kumar |
| 9 Prof. D. Dinakar | 29 Prof. P. Syam Prasad |
| 10 Prof. D. Ramaseshu | 30 Prof. P. Vamsi Krishna |
| 11 Prof. G. Amba Prasada Rao | 31 Prof. Ravi Kumar Jatoth |
| 12 Prof. G. Nagasrinivasulu | 32 Prof. S. Anuradha |
| 13 Prof. G. Rajesh Kumar | 33 Prof. S. Srinath |
| 14 Prof. J.V. Ramana Murthy | 34 Prof. Srikanth Korla |
| 15 Prof. K. Madhavi | 35 Prof. T.V.K. Hanumantha Rao |
| 16 Prof. K. Venkata Reddy | 36 Prof. V. Venkata Mani |
| 17 Prof. K. Ramesh | 37 Prof. Velagapudi Vasu |
| 18 Prof. K.V. Gobi | 38 Prof. Vishnu Shanker |
| 19 Prof. L. Anjaneyulu | 39 Prof. Y. Ravi Kumar |
| 20 Prof. M. Chandrasekhar | |

Student Representatives:

1. Sanika Nikhil Kanhere
2. Rayappa David Amar Raj

Leave of absence was approved for all members absent.

The Chairman, Senate and the members of the Senate have extended a warm welcome to the new senators: Prof. P. Venkateswara Rao (CE); Prof. S. Venkateswara Rao (CE); Prof. Arif Ali Baig Moghal (CE) and Prof. N. Kishore Babu (MM).

The Chairman Senate and the Senators have placed on record the services rendered by Prof. Y. N. Reddy and Prof. S.G. Sanjeevi, who superannuated in October 2023.

2023-128-Senate-01	Student representations
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Academic issues of the Students (UG, PG and PhD) sent to Dean (Academic)/Director will be taken up by the SUGC, SPGC and RPEC for detailed discussion and appropriate recommendations will be presented to the Senate.

The Senate noted down the above recommendation.

2023-128-Senate-02	Confirmation of the minutes of 127th Senate meeting
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The minutes of the 127th Meeting of the Senate were placed before the Senate after incorporating the comments received from members.

The Senate approved the minutes of 127th Senate meeting.

2023-128-Senate-03	Items for ratification
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- (a) Chairman, Senate has approved the proposal to conduct re-mid examinations for VII semester B.Tech students as a special case.

The Senate ratified the approval of the Chairman.

- (b) Change of Supervisor/inclusion of Co-Supervisor

Sl. No.	Roll No.	Name of the Scholar	Existing Supervisor	Proposed New Supervisor & Co-Supervisor	Reason for changes
1	721026	Prem Reddy Potuganti	Dr. Y. Chandrasekhar	Dr. Debasmita Panda	Resignation of Dr. Y. Chandrasekhar
2	21EERER04	Syed Abdul Mujeer	Dr. Y. Chandrasekhar	Prof. M. Sailaja Kumari	
3	21PYREP03	Satish Kumar Manda	Dr. Kusum Kumari and Dr. Sastry, IIIT, Basara	Prof. P Abdul Azeem and Dr. Sastry, IIIT, Basara	Availing long leave by Dr. Kusum Kumari
4	21PYFJ163	Rohit Yadav	Dr. Kusum Kumari	Dr. Kusum Kumari and Dr. Hitesh Borkar (co-supervisor)	
5	716026	Sripathi Siva Prasad	Prof. C. B. Rama Rao	Prof. C. B. Rama Rao and Prof. V. Rama (Co-supervisor)	Superannuation of Prof. C.B. Rama Rao
6	22ECR2R07	Ayesha Tabassum	Prof. L. Anjaneyulu	Prof. L. Anjaneyulu and Dr. R. Srinivas, MD, DM	Expertise of the Cardiologist and real time data of his patients

The Senate ratified the change of Supervisor/inclusion of Co-Supervisor in respect of scholars listed 1 to 5 as mentioned above. The proposal for inclusion of Dr. R. Srinivas (MD, DM) is accepted by the Senate after a detailed discussion.

2023-128-Senate-04	Change in eligibility for part-time PhD admissions
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The proposal to remove the criteria that the Institute shall be within 200 NIRF rank at least once in the last five years for admission into PhD program under part-time with effect from December 2023 session has been placed before the Senate.

The Senate deliberated the proposal and suggested to differ the revised condition be effective from June 2024 session subject to the following. Instead of mandating the NIRF rank of 200, the Senate emphasized on the modification of the written test. The written test should include three components namely, Subject area, Experimental/Computational competence and writing skill for research documentation.

Based on the comments and discussions, the Senate approved the following modifications:

- *Renaming of the Part-time PhD programme as Sponsored PhD programme is deferred.*
- *The candidate's work place should be within 300 km from NITW is deferred.*
- *The residential requirement for part-time scholars may be waived by the Senate based on the recommendations of DSC on a case to case basis.*
- *As the eligibility criteria for admission into Part-time PhD program has been revised to five and four years in respect of students with UG and PG qualifications, minimum experience for waiver of residential requirement is also reduced accordingly.*
- *The scholars may be permitted to register: Self-study courses or online courses through NPTEL/SWAYAM as recommended by the respective DSCs.*

2023-128-Senate-05	Additional qualifications for PhD admissions
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The proposal of the Department of Biotechnology to include additional qualifications: B.Pharm, M.Pharm, MBBS, MVSc, BVSc, BDS and other allied fields of Pharmacy/Medicine/Life Sciences for admission into PhD program in the ensuing Dec. 2023 session is placed before the Senate.

The Senate advised the Department to submit a detailed proposal on the eligibility of academic qualifications referring to other NITs and IITs.

2023-128-Senate-06	Changes in the eligibility criteria to MBA and PhD programs
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- (a) The proposal of the Department of Management Studies to modify the eligibility criteria for admission into MBA program as: "Any Bachelor's degree with at least 60% marks or 6.5 CGPA on 10-point scale (55% marks or 6.0 CGPA on 10-point scale for SC/ST/PWD candidates) with a valid CAT/MAT/GMAT score.

The Senate approved the proposal of modification in the eligibility criteria as proposed by the Department.

- (b) The proposal of the Department of Management Studies to change the eligibility criteria for admission into PhD in Management as: "Master's degree or equivalent in Management/Social Sciences/Commerce/2-year PGDM/ M.Tech in Industrial Engineering/

Management/Technology Management/ Entrepreneurship Management/ MSc Statistics/ CA/CS/ICWA/ with a CAT/UGC-NET/GMAT/ GRE/ GATE/CSIR NET effective from Dec. 2023 session is placed before the Senate.

The Senate approved the proposed eligibility criteria with the following modifications: (i) Include all M.Tech specializations and (ii) Bachelor degree followed by PG degree as adopted in IIMs.

2023-128-Senate-07	Academic Review of UG and PG programs
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The proposal to organize Academic review meeting with external experts scheduled on 16th December, 2023 to deliberate the structure of (i) UG, PG and PhD programs along with rules and regulations and (ii) restructuring of the PG programs has been informed to the Senate.

The Senate noted down the information.

2023-128-Senate-08	Results of Ph.D. Viva Voce Examination
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The results of the Ph.D. students who have been provisionally awarded degrees after 127th Senate meeting is given below:

1	Diksha Pandey	
	Department	Biotechnology
	Roll No.	717156
	Date of Viva-voce Examination	22.09.2023
	Foreign Examiner	Prof. Shoba Ranganathan, Chair of Bioinformatics, Applied Biosciences, Macquarie University NSW 2109, Australia
	Indian Examiner	R. Balasubramanian, Dept. of Computer Science and Engineering, IIT Roorkee, Roorkee 247667
	Supervisor(s)	Dr. Onkara Perumal
	Thesis Title	Insights into Next Generation RNA-seq. data through Meta-analysis and Deep Learning approaches
2	Papisetti Venkatesham	
	Department	Chemistry
	Roll No.	718077
	Date of Viva-voce Examination	22.09.2023
	Foreign Examiner	Prof. Hephzibah J Kumpaty, Department of Chemistry, University of Wisconsin-White water, Whitewater, USA

	Indian Examiner	Prof. Baskaran S, Department of Chemistry, IIT, Madras, Chennai- 600 036
	Supervisor(s)	Prof. V. Rajeshwar Rao (Retired)
	Thesis Title	Synthesis and Biological Activity Studies Of New Heterocyclic Compounds Using Multicomponent Strategies
3	Zelege Lulayehu Tedesse	
	Department	Civil Engineering
	Roll No.	719128
	Date of Viva-voce Examination	29.09.2023
	Foreign Examiner	Sai K. Vanapalli, Professor, Department of Civil Engineering, University Ottawa, OTTAWA, Canada, K1N 6N5
	Indian Examiner	Prof. G L Sivakumar Babu, Department of Civil Engineering, Indian Institute of Science, Bangalore 560012
	Supervisor(s)	Dr. P. Hari Krishna
	Thesis Title	Numerical Study on the Influence of Subterranean Levels on the Seismic Response Characteristics of Building Frames
4	Kiran Gunde	
	Department	Electronics and Communication Engineering
	Roll No.	719074
	Date of Viva-voce Examination	12.10.2023
	Foreign Examiner	Prof. Hoa Le Minh, 14 Russell Lane, N20 0AB, London, UK
	Indian Examiner	Prof. ShaikRafi Ahamed, Professor, Dept. of EEE, IIT, Guwahati,
	Supervisor(s)	Dr. S. Anuradha
	Thesis Title	Investigations on the Performance of Generalized Quadrature Spatial Modulation Techniques
5	A G SHARANYA	
	Department	Civil Engg.
	Roll No.	718108
	Date of Viva-voce Examination	12.10.2023
	Foreign Examiner	Dr. Kennedy C. Onyelowe, Associate Professor, Department of Civil Engineering, Michael Okpara University of Agriculture, Umudike, 440109, Nigeria
	Indian Examiner	Prof. Sarat Kumar Das, Professor, Civil Engineering Department, IIT(ISM) Dhanbad, Jharkhand- 826004
	Supervisor(s)	Prof. M. Heeralal
	Thesis Title	Effect of Post-Compaction Moisture Variation in Unsaturated Stabilized Subgrade Soils
6	Banotu Bhav Singh	

	Department	Metallurgical and Materials Engineering
	Roll No.	716115
	Date of Viva-voce Examination	16.10.2023
	Foreign Examiner	Joong Keun Park, Professor Emeritus, Depart. Of Mater. Sci. & Engr., Korea, Advanced Institute of Science and Technology, 291 Daehak-ro, Yuseong-gu, Daejeon 34141, S. Korea.
	Indian Examiner	M. Balasubramanian, Professor, Dept. of Metallurgical & Materials Engineering, IIT Madras, Chennai - 600036
	Supervisor(s)	Dr. R. Arockia Kumar & Dr. V. Madhu
	Thesis Title	Ballistic Impact Studies on High Nitrogen Steel for Armour Applications
7	Bhavin Salvi	
	Department	Electrical Engineering
	Roll No.	701920
	Date of Viva-voce Examination	17.10.2023
	Foreign Examiner	Dr Lin Jiang, Department of Electrical Engineering and Electronics, The University of Liverpool, Liverpool, L169 3GJ, UK
	Indian Examiner	Prof S. P. Singh (Retd.) EE, IIT Roorkee, 247667
	Supervisor(s)	Prof. Propandaselvi & Prof. N. Vishwanathan
	Thesis Title	Development of High Frequency Soft-switched Inverter Configurations for Multi-load Induction Cooking System
8	ASHOK AMGOTH	
	Department	Civil Engg
	Roll No.	718112
	Date of Viva-voce Examination	20.10.2023
	Foreign Examiner	Gordana Kaplan, PhD, Iki Eylul Kampusu, Eskisehir, Technical University, Yer ve Uzay Bilimleri, Enstitusu, 26555 Eskisehir, Turkey
	Indian Examiner	Dr Ritesh Kumar, Director, Wetlands International, South Asia, Module 003, NSIC Business Park, Okhla Industrial Area, New Delhi - 110003
	Supervisor(s)	Prof. K.V. Jayakumar (Retired)
	Thesis Title	Time Series Analysis of Landsat NDVI and NDWI for Mapping of Wetlands Areas Using Google Earth Engine
9	Lakkamraju Uma Chandi	
	Department	Physics
	Roll No.	716056
	Date of Viva-voce Examination	20.10.2023

	Foreign Examiner	Prof. Luca Schenato, Dept. Information Engineering, University of Padova
	Indian Examiner	Dr. Nayani Kiranmai, Senior Scientist, Department of Organic Synthesis and Process Chemistry, CSIR-IICT, Hyderabad-500007
	Supervisor(s)	Dr. Sourabh Roy & Dr. M. Lakshmi Prasad
	Thesis Title	Design and Development of Digital Micromirror Device Based Near Infrared Spectrometer for Food Quality Testing
10	HAR LAL SARAN	
	Department	Mathematics
	Roll No.	719100
	Date of Viva-voce Examination	31.10.2023
	Foreign Examiner	Professor Jitesh S B Gajjar, Department of Mathematics, University of Manchester, Manchester M13 9PL, UK
	Indian Examiner	Prof. P V SN Murthy, Department of Mathematics, IIT Kharagpur
	Supervisor(s)	Prof. Ch. Ramreddy
	Thesis Title	Stability Analysis of Mono and Hybrid Nano Fluid Flows Admitting Multiple Solutions
11	SELVETIKAR ASHOK	
	Department	Civil Engineering
	Roll No.	716109
	Date of Viva-voce Examination	09.11.2023
	Foreign Examiner	Prof. Saravanan Arunachalam, The University of North Carolina at Chapel Hill, Chapel Hill, NC 27517, USA
	Indian Examiner	Prof Brajesh Kumar Dubey, Professor- Dept of Civil Engineering, IIT Kharagpur, Kharagpur, WB 721302
	Supervisor(s)	Prof. M. Chandra Sekhar
	Thesis Title	Investigations on use of Satellite Data and Back Trajectory Analysis for Prediction and Retrieval of PM2.5 and Identification of Regional Contributions by Long Range Transport
12	Velpuri Manikanta	
	Department	Civil Engineering
	Roll No.	701911
	Date of Viva-voce Examination	09.11.2023
	Foreign Examiner	Dr. Venkatesh Merwade, Professor, Lyles School of

		Civil Engineering, USA
	Indian Examiner	Prof. Dhanya C. T., Rama Kanta Chair Professor & Professor in Dept. of Civil Engineering, IIT Delhi
	Supervisor(s)	Prof. N.V. Umamahesh
	Thesis Title	Assessing Hydrologic Uncertainty with an Event Based Conceptual Model for Ensemble Flood Forecasting

The Senate approved the results.

2023-128-Senate-09	Student Disciplinary Manual
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The revised Student Disciplinary manual is placed before the Senate (Annexure).

The Senate in principle approved the revised Student Disciplinary Manual.

2023-128-Senate-10	Nomination of two faculty members to Institute Standing Disciplinary Committee (ISDC)
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The Senate is requested to nominate two faculty members for a period of one year to serve as members in the Institute Standing Disciplinary Committee (ISDC).

The Senate nominated Prof. K.N.S. Kasi Viswanadham (MA) and Prof. S. Shankar (CE) as members of the Institute Standing Disciplinary Committee for a period of one year from the date of this Senate meeting.

2023-128-Senate-11	Revision of Feedback forms
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Prof. P. Bangaru Babu, Chair-person, Academic Oversight Committee presented the revised course feedback form.

The Senate advised to present the revised feedback form in the Academic Review meeting.

2023-128-Senate-12	Academic Calendars for Even Semester & Summer courses
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The draft Academic Calendars for Even Semester and summer courses have been placed before the Senate for consideration and approval.

The Senate approved the Academic Calendars and suggested to include the proposed dates for Technozion and Spring Spree in the Academic calendar.

- (a) Mrs. J. Lakshmi Prasanna (Roll No. 720062) a part-time Research Scholar in the Department of EC, joined in 20-09-2020. She has completed 3 years but the minimum required period for submitting the thesis is 4 years as per rules. The DSC and the DAC-PG&R is recommending for early submission of the thesis as the quantum of work is sufficient and she has already published 5 papers SCI journals.
- (b) Mrs. Romana Mariam Rasheed (Roll No. 21CEPJ020) a part time scholar in the Department of CE, joined on Sep. 2021. She has published 3 papers in SCI journals and a German Patent has been granted to her credit. The DSC and the DAC-PG&R have recommended for early submission of the thesis.

The Senate approved the DSC recommendations for early submission of theses by both Mrs. J. Lakshmi Prasanna and Mrs. Romana Mariam Rasheed. The Senate also decided to evaluate the merit of the proposal for early submission based on the publications made by the student in top most journals in his/her area as decided by the Department instead of just counting the number of SCI Journal papers.

- (a) The correction of the typographical error (maternity) as paternity in 124th Senate minutes (Item No. 124.17) has been brought to the notice of the Senate.

The Senate noted down the correction.

- (b) The Academic Standing Committee and the Senate sub-committee for results have been replaced by SUGC, SPGC and RPEC. It has been brought to the notice of the Senate that the Academic Standing Committee and the Senate Sub-committee for results stands abolished.

The Senate noted down the information.

- (c) It has been informed to the Senate that Dr. R.S. Selvaraj has been nominated as Supervisor and Dr. T. Kurmaiah (Associate Professor of NIT, AP) as Co-Supervisor for Ms. Archana Bhatt as per the Senate in its 122nd meeting.

The Senate noted down the information.

- (d) The proposal to offer Six months internship at NIT Warangal for other College/Institute students has been placed before the Senate for consideration and approval.

The Senate in principle approved the proposal. Prof. Amit Prashant (External Senator) is requested to propose detailed guidelines for the same.

- (e) The proposal to conduct make-up exams for the present final year B.Tech students and Students of 2019-23 batch in December 2023 is placed before the Senate for consideration and approval.


The Senate approved the proposal as a special case. It is suggested to conduct the make-up exams for only V and VI semester courses during 18-23 December 2023.

- (f) The request of the Department of Mechanical Engineering to include the course ME5176: Thermal Energy Storage in the 2nd Semester list of electives for MTech - Thermal Engineering is placed before the Senate.

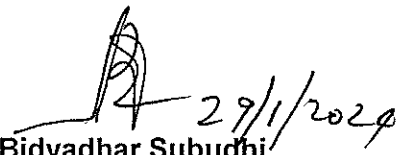
- (g) Chemical Engineering Department is recommending Mr. Kolli Harsh Vardhan (Roll No. 206225) to carry out full semester research internship at IIT Hyderabad in his VIII semester.

The Senate in principle approved the proposal subjected to the guidelines applicable for semester long internship in companies/industries.

The meeting ended with thanks to the Chair and Senators.



Prof. C.S.R.K. Prasad
Registrar (I/c) & Secretary



Prof. Bidyadhar Subudhi
Director & Chairman