



Minutes of 129th Meeting of the Senate

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

Meeting: 129th Senate Meeting

Venue: Senate Hall, NIT Warangal

Date: 16th January 2024

Time: 11:00 hrs

Minutes of 129th Meeting of the Senate held on 16th January 2024

Chairman

Prof. Bidyadhar Subudhi

Director, NIT Warangal

Secretary

Prof. N. V. Umamahesh

Registrar (I/c), NIT Warangal

Members:

1	Prof. A. Sarath Babu	34	Prof. P. Madhusudhana Reddy
2	Prof. A. Venu Gopal	35	Prof. P. Ratish Kumar
3	Prof. A. Venu Vinod	36	Prof. P. Ravi Kumar
4	Prof. Adepur Kumar	37	Prof. P. Sreehari Rao
5	Prof. Arif Ali Baig Moghal	38	Prof. P. Sreenivasa Rao
6	Prof. Asit Kumar Khanra	39	Prof. P. Subhash Chandra Bose
7	Prof. B. Sathish Ben	40	Prof. P. Syam Prasad
8	Prof. B. Sri Padmavati, Ext.	41	Prof. P. Vamsi Krishna
9	Prof. B.L. Narasimha Raju	42	Prof. P. Venkata Sri Laxmi
10	Prof. C.S.R.K. Prasad	43	Prof. P. Venkateswara Rao
11	Prof. D. Dinakar	44	Prof. Puli Ravi Kumar
12	Prof. D. Kasinath	45	Prof. R. Narasimha Rao
13	Prof. D. Ramaseshu	46	Prof. R. Padmavathy
14	Prof. D. Srinivasa Charya	47	Prof. R. Satish Babu
15	Prof. D.V.S.S. Siva Sarma	48	Prof. Rashmi Ranjan Rout
16	Prof. Debashis Dutta	49	Prof. Ravi Kumar Jatoth
17	Prof. G. Amba Prasada Rao	50	Prof. S. Srinath
18	Prof. K. Kiran Kumar	51	Prof. S. Srinivasa Rao (EE)
19	Prof. K. Madhavi	52	Prof. Sonawane Shirish Hari
20	Prof. K. Narasimhulu	53	Prof. Sourabh Roy
21	Prof. K.V. Gobi	54	Prof. Srikanth Korla
22	Prof. K.V. Sai Srinadh	55	Prof. T. Kishore Kumar
23	Prof. L. Anjaneyulu	56	Prof. T. Venkatappa Rao
24	Prof. M. Joseph Davidson	57	Prof. T.D. Gunneswara Rao
25	Prof. Mahesh Kumar Talari	58	Prof. T.V.K. Hanumantha Rao
26	Prof. N. Bheema Rao	59	Prof. V. Rajesh Khana Raju
27	Prof. N. Kishore Babu	60	Prof. V.T. Somasekhar
28	Prof. N. Narasaiah	61	Prof. Vangapandu Rama Devi
29	Prof. N. Viswanathan	62	Prof. Venkaiah Chowdary
30	Prof. N.V. Umamahesh	63	Prof. Venkatathri Narayanan
31	Prof. P. Abdul Azeem	64	Prof. Vishnu Shanker
32	Prof. P. Bangaru Babu	65	Prof. Y. Ravi Kumar
33	Prof. P. Hari Krishna		

Special Invitees:

- (1) Prof. A. Benerji Babu (Head, MA)
- (2) Prof. S. Vidya Sagar, Associate Dean, UG

The following members could not attend the meeting:

1	Prof. A. Veeresh Babu	23	Prof. KNS Kasiviswanadham
2	Prof. Amit Prashant, External	24	Prof. L. Krishnanand
3	Prof. Ashok Pradhan, External	25	Prof. M. Chandrasekhar
4	Prof. B. Lakshmi	26	Prof. M. Heera Lal
5	Prof. Bhagwan K. Murthy	27	Prof. M. Sailaja Kumari
6	Prof. C. Vanitha	28	Prof. N. Selvaraj
7	Prof. C.S.P. Rao	29	Prof. N.V. Srikanth
8	Prof. Ch. Sudhakar	30	Prof. P. Ramlal
9	Prof. Ch. Venkaiah	31	Prof. P. Venkata Suresh
10	Prof. D. Jayakrishna	32	Prof. Pisipati Radha Krishna
11	Prof. D. Vakula	33	Prof. Prakash Saudagar
12	Prof. Divi Haranath	34	Prof. R. Dayanidhi
13	Prof. G. Nagasrinivasulu	35	Prof. R.B.V. Subrahmanyam
14	Prof. G. Rajesh Kumar	36	Prof. S. Anuradha
15	Prof. G.V.S. Nageswara Rao	37	Prof. S. Srinivasa Rao (ME)
16	Prof. Hari Ponnammma Rani	38	Prof. S. Venkateswara Rao
17	Prof. J.V. Ramana Murthy	39	Prof. V. Hari Kumar
18	Prof. K. Anand Kishore	40	Prof. V. Ramana Murthy
19	Prof. K. Madhu Murthy	41	Prof. V. Suresh Babu
20	Prof. K. Ramesh	42	Prof. V. Venkata Mani
21	Prof. K. Thangaraju	43	Prof. V.P. Chandra Mohan
22	Prof. K. Venkata Reddy	44	Prof. Velagapudi Vasu

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

The Chairman Senate welcomed all the Senators.

2024-129-Senate-01	Student representations
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- (a) Request of Mr. Masroor Ahmed, Roll No. 151261, BTech (CE) to extend the period of study by two semesters beyond 8 years to register and complete 8 courses in study mode. The matter was referred to SUGC. The SUGC recommended not to allow the candidate for further extension and registration. The Senate discussed in detail about the case.

The Senate ratified the recommendation of SUGC.

- (b) Request of Ms. Rangu Alekhya (Roll No. 21CEM8R12), M.Tech (Waste Management) for presentation of Dissertation Part-B in Nov. 2023, without semester registration has been referred to SPGC. SPGC after going through the record, observed several deviations and recommends the issue be brought to the notice of the Senate for consideration.

The Senate decided the following:

- *The student shall return the stipend paid for the months of April and May 2023.*
- *The student is allowed to register for the current semester (Even Semester of 2023-24) and continue her dissertation work for the entire semester.*

2024-129-Senate-02	Confirmation of the minutes of 128 th Senate meeting
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The minutes of the 128th Meeting of the Senate were placed before the Senate.

The Senate approved the minutes with the following modifications in Item No. 4:

- *Suggested to defer the changes with regard to PhD regulations until the next revision.*
- *The residential requirement for part-time scholars may be waived by the Senate based on the recommendations of DSC.*
- *The scholars may be permitted to register either through Self-study courses or online courses through NPTEL/SWAYAM as recommended by the respective DSCs.*

2024-129-Senate-03	Items for ratification
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- (a) Ms. Katineni Ramani, Roll No. 716008, Part Time PhD Scholar in the Department of Civil Engineering has made a request for extension of six months to submit her thesis. The DAC-PG&R has recommended the extension. The Chairman, Senate has approved the recommendation.

The Senate ratified the decision of the Chairman.

- (b) The request for the extension of six months to Mr. B Murali, Roll No. 716031, Part Time PhD Scholar in the Department of Electronics and Communication Engineering, recommended by the DAC-PG&R, is placed before the Senate for consideration and approval.

The Senate approved the request.

- (c) The request for the extension of six months to Ms. D. Mounika (Roll No. 716012), Research Scholar of EE, recommended by DAC-PG&R of the Department, is placed before the Senate for consideration and approval.

The Senate approved the request.

- (d) The request for one more Semester Break due to her medical condition, by Ms. Sri Vidhya Komarina (21ECSJ093), PhD Research Scholar in the Department of Electronics & Communication Engineering, recommended by DAC-PG&R, has been approved by the Chairman, Senate.

The Senate ratified the decision of the Chairman.

- (e) The Chairman, Senate approved the requests made by the following scholars from full time to part time.

Sl. No.	Roll No.	Name of the Scholar	Supervisor	Department	Reason for changes
1	717124	Sankineni Rakesh	Prof. Y. Ravi Kumar	ME	Employment offer at NIT Rourkela
2	719050	Maraboina Raju	Dr. Vamshi Krishna	ME	Employment offer
3	719063	K A Srinivasa Raghavan	Prof. S. Srinivasa Rao	ME	Employment offer at M/s. CoreEL Tech.

The Senate ratified the decisions made by the Chairman.

- (f) 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	23EER1R05	Boda Jayasri	Prof. N.V. Srikanth	Dr. A.V. Giridhar	Due to ill health of the existing supervisor
2	22CYR1P03	Shiva Kumar Punna	Dr. Vadla Balaraju (Ext)	Dr. T Satyanarayana	Present Co-supervisor recently left the organization
3	21CEFJ028	P Shanmuka Sai Kumar	Prof. M. Chandra Sekhar	Dr. Sumanth Ch. (Co-Supervisor)	Prof M Chandra Sekhar has been deputed as the Director of IIIT, Nuzvid
4	21CER1P13	Krati Sharma		Dr. P. Hari Prasad Reddy (Co-Supervisor)	
5	719018	K. Sandeep Kumar		Prof. N.V. Uma Mahesh	
6	22CER1R17	Wakode Prachi Nana		Prof. M. Chandra Sekhar (Co-supervisor)	
7	719125	T. Praveen Kumar	Prof. N. Subrahmanyam	Dr. T. Vinay Kumar	Both Supervisor & Co-supervisor have retired
8	21MEPJ068	Mohanarao G.	Prof. A. Venu Gopal	Prof. T. Mahesh Kumar	Co-supervisor at IIIT Nuzvidu has expired.

The Chairman, Senate approved the above recommendations.

The following Ph.D. students have been provisionally awarded degrees on approval of the Chairman, Senate. This is placed before the Senate for information.

PhD Result		
1	Diksha Pandey	
	Department	BT
	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)	Prof. Onkara Perumal
	Thesis Title	Insights into Next Generation RNA-seq. data through Meta-analysis and Deep Learning approaches
	Papisetti Venkatesham	
	Department	CY
	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	CE
	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	EC
	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	CE
	Roll No.	718108
	Date of Viva-voce Examination	12.10.2023
	Foreign Examiner	Dr. Kennedy C. Onyelowe, Associate Professor, Department of Civil Engineering, Michael OkparaUniversity of Agriculture, Umudike, 440109,Nigeria
	Indian Examiner	Prof. Sarat Kumar Das, Professor, Civil Engineering Department, IIT(ISM) Dhanbad - 826004

	Supervisor(s)	Prof. M. Heeralal
	Thesis Title	Effect of Post-Compaction Moisture Variation in Unsaturated Stabilized Subgrade Soils
6	Banotu Bhav Singh	
	Department	MM
	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)	Prof. R. Arockia Kumar and Dr. V. Madhu
	Thesis Title	Ballistic Impact Studies on High Nitrogen Steel for Armour Applications
7	Bhavin Salvi	
	Department	EE
	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 and Prof. N. Vishwanathan
	Thesis Title	Development of High Frequency Soft-switched Inverter Configurations for Multi-load Induction Cooking System
8	ASHOK AMGOTH	
	Department	CE
	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	PH
	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 and 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	MA
	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. N. Selvaraj and Dr. M.K. Burgohain

	Thesis Title	Degradation of Properties of Eglass/Epoxy Composite under Hostile Environment
11	SELVETIKAR ASHOK	
	Department	CE
	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, IITKharagpur, 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	CE
	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 EventBased Conceptual Model for Ensemble Flood Forecasting

The Senate approved the results.

2024-129-Senate-05	Admission related issues
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The following proposals of Associate Dean (Admissions) are placed before the Senate for consideration and approval.

- a) "One Year PG Diploma (Self Finance) Programme" may be dropped from admission notification.
- b) Retain the old terminology "Part-time PhD programme"
- c) The condition that the part-time PhD candidate's work place should be within 300 km from NITW. Such a condition may be dropped.
- d) A valid GATE score may not be mandatory for part-time PhD candidates with B.Tech qualification.
- e) The eligibility conditions of PhD admission: GATE qualification is not mandatory.
- f) The revised fellowships are applicable only to scholars with GATE qualification.
- g) JRF to Institute Fellowship – need not submit application for admission, if the JRF is already admitted into PhD program

The Senate approved the proposals.

2024-129-Senate-06	Conversion of JRFs to Institute Fellows
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The recommendations of the Department of Biotechnology for conversion of two JRFs (Ms. Satwika Das and Mr. S. Nayak working under two different projects to Institute Fellows and the proposal to allot two resulting vacancies after PhD admissions to the two JRFs is placed before the Senate for approval.

The Senate approved the proposal for conversion of the two JRFs namely Ms. Satwika Das and Mr. S. Nayak to Institute Fellows with effect from 17-01-2023.

2024-129-Senate-07	UG, PG, PhD course work and Special Makeup exam results
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All the UG, PG, PhD course work results including Special makeup examinations have been circulated to the Senators. Dean (Academic) presented the results.

The following Committee is constituted for suggesting Academic Performance improvement of students:

Prof. G. Amba Prasad Rao, ME (Chairman)
Prof. P. Bangaru Babu, ME (Member)
Prof. DVSS Siva Sarma, EE (Member)
Prof. M. J. Davidson, ME (Member)
Prof. K. Kiran Kumar, ME (Member)
Prof. Arif Ali Baig Moghal, CE (Member)
Sri. T. Srinivas, AR-Academic (Convener)

The Senate approved the results. The request of the Dean (Academic) to share the analysis of the results to the Senate by circulation is also approved.

- i. Academic Calendar proposed by the Coordinator, ITEP has been presented to the Senate for approval.

The Senate approved the proposed calendar and suggested to include class work on Saturdays in order to ensure 14 weeks of class work.

- ii. The Chairman, Senate suggested the Dean (Academic) to propose the Academic Calendar for the next academic session with the following changes:
- 1) Autumn End semester exam must be over by 30th November and Grades must be submitted before 10th December. The results must be published before 15th December.
 - 2) Spring End semester exam must be over by 30th April and Grades must be submitted before 10th May. The results must be published before 15th May.
 - 3) Autumn semester classes must begin from 2nd week of July.
 - 4) Spring semester classes must begin from 1st week of January.
 - 5) The Technozion and Spring Spree shall be organized one in Autumn semester and one in Spring semester.

The meeting ended with thanks to the Chair and Senators.



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



Prof. Bidyadhar Subudhi
Director & Chairman