

Minutes of 130th Meeting of the Senate held on 14th February 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. N. Kishore Babu
2	Prof. A. Venu Gopal	35	Prof. N. Narasaiah
3	Prof. A. Venu Vinod	36	Prof. N. Selvaraj
4	Prof. Adepur Kumar	37	Prof. N. Viswanathan
5	Prof. Arif Ali Baig Moghal	38	Prof. N.V. Umamahesh
6	Prof. B.L. Narasimha Raju	39	Prof. P. Abdul Azeem
7	Prof. C.S.R.K. Prasad	40	Prof. P. Bangaru Babu
8	Prof. Ch. Venkaiah	41	Prof. P. Hari Krishna
9	Prof. D. Kasinath	42	Prof. P. Madhusudhana Reddy
10	Prof. D. Ramaseshu	43	Prof. P. Ramlal
11	Prof. D. Vakula	44	Prof. P. Ratish Kumar
12	Prof. D.V.S.S. Siva Sarma	45	Prof. P. Sreehari Rao
13	Prof. Debashis Dutta	46	Prof. P. Sreenivasa Rao
14	Prof. Divi Haranath	47	Prof. P. Venkata Sri Laxmi
15	Prof. G. Amba Prasada Rao	48	Prof. Pisipati Radha Krishna
16	Prof. G. Nagasrinivasulu	49	Prof. R. Narasimha Rao
17	Prof. G. Rajesh Kumar	50	Prof. R.B.V. Subrahmanyam
18	Prof. G.V.S. Nageswara Rao	51	Prof. Ravi Kumar Jatoth
19	Prof. Hari Ponnamma Rani	52	Prof. S. Anuradha
20	Prof. K. Anand Kishore	53	Prof. S. Srinivasa Rao (EED)
21	Prof. K. Kiran Kumar	54	Prof. S. Venkateswara Rao
22	Prof. K. Madhavi	55	Prof. Sonawane Shirish Hari
23	Prof. K. Narasimhulu	56	Prof. Srikanth Korla
24	Prof. K. Thangaraju	57	Prof. T. Kishore Kumar
25	Prof. K. Venkata Reddy	58	Prof. T.D. Gunneswara Rao
26	Prof. K.V. Gobi	59	Prof. T.V.K. Hanumantha Rao
27	Prof. K.V. Sai Srinadh	60	Prof. V. Hari Kumar
28	Prof. KNS Kasiviswanadham	61	Prof. V. Rajesh Khana Raju
29	Prof. L. Anjaneyulu	62	Prof. V. Ramana Murthy
30	Prof. L. Krishnanand	63	Prof. V. Suresh Babu
31	Prof. M. Heera Lal	64	Prof. V.P. Chandra Mohan
32	Prof. M. Joseph Davidson	65	Prof. V.T. Somasekhar
33	Prof. N. Bheema Rao	66	Prof. Vangapandu Rama Devi
67	Prof. Velagapudi Vasu	68	Prof. Venkaiah Chowdary

Special Invitees:

1. Prof. A. Benerji Babu (Head, MA)
2. Prof. Prakash Saudagar (Head, BT)
3. Prof. Karthik Balasubramanian, Chairperson, NBA
4. Prof. S. Vidya Sagar, Associate Dean, UG
5. Mr. T. Sreenivas, Asst. Registrar, Academic

The following members could not attend the meeting:

1	Prof. A. Veeresh Babu	21	Prof. N.V. Srikanth
2	Prof. Amit Prashant	22	Prof. P. Ravi Kumar
3	Prof. Ashok K. Pradhan.	23	Prof. P. Subhash Chandra Bose
4	Prof. Asit Kumar Khanra	24	Prof. P. Syam Prasad
5	Prof. B. Lakshmi	25	Prof. P. Vamsi Krishna
6	Prof. B. Sathish Ben	26	Prof. P. Venkata Suresh
7	Prof. B. Sri Padmavati	27	Prof. P. Venkateswara Rao
8	Prof. Bhagwan K. Murthy	28	Prof. Puli Ravi Kumar
9	Prof. C. Vanitha	29	Prof. R. Dayanidhi
10	Prof. C.S.P. Rao	30	Prof. R. Padmavathy
11	Prof. Ch. Sudhakar	31	Prof. R. Satish Babu
12	Prof. D. Jayakrishna	32	Prof. Rashmi Ranjan Rout
13	Prof. D. Dinakar	33	Prof. S. Srinath
14	Prof. D. Srinivasa Charya	34	Prof. S. Srinivasa Rao (ME)
15	Prof. J.V. Ramana Murthy	35	Prof. Sourabh Roy
16	Prof. K. Madhu Murthy	36	Prof. T. Venkatappa Rao
17	Prof. K. Ramesh	37	Prof. V. Venkata Mani
18	Prof. M. Chandrasekhar	38	Prof. Venkatathri Narayanan
19	Prof. M. Sailaja Kumari	39	Prof. Vishnu Shanker
20	Prof. Mahesh Kumar Talari	40	Prof. Y. Ravi Kumar

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

The Chairman, Senate welcomed all the Senators, Special Invitees and Student Representatives to the meeting.

2024-130-Senate-01	Student Representations
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- (a) Request of Mr. Mohammed Omar Anjar (22CEB0A01) to change the R-Grade to F-Grade in Fluid Mechanics-2; Concrete Technology; and Numerical Statistical methods.
- (b) Request of Mr. Mohammed Murtaza (22CSB0A01) to change the R-Grade to F-Grade in all the courses of III semester.

The above requests have been referred to SUGC. SUGC noted that there is no provision to convert "R" grades to "F" grades and recommended that both the students have to attend the courses in study mode, as and when the said courses are offered. SUGC recommends to proceed with the decision taken in the 129th Senate meeting held on 16-01-2024 with regard to Mr. Masroor Ahmed.

The Senate approved the recommendation of the SUGC. The Senate suggested to initiate suitable disciplinary action against the above students through Institute Standing Disciplinary Committee.

- (c) Mr. Nareshkumar Reddy Pallela (22MER1P03), a part-time Research Scholar (ME) has made a request that his absence in the previous semester may be treated as temporary withdrawal on medical grounds. The DSC has recommended the request.

The Senate approved the request as a special case. Chairman, Senate suggested that all such requests shall be routed through RPEC in future.

- (d) The following requests of Research Scholars have been referred to RPEC.

- (1) Mr. K. Harish Kumar (21CEPJ002) and Mr. K. Mallikarjuna Reddy (21CEPJ023), Part-time Research Scholars (CE) have requested to allow them to attend Comprehensive Viva-Voce Examination. Both of them are in their 6th semester in their PhD program.

- (2) Ms. Swati Sarma (22CER1P12) a Full time Research Scholar (CE) has requested to allow her to attend Comprehensive Viva-Voce Examination. She is in 4th Semester.

Both the requests have been referred to RPEC. RPEC observed that as per the rule Comprehensive Viva-Voce has to be completed by third semester and recommends to cancel the admission with respect to Mr. K. Harish Kumar and Mr. K. Mallikarjuna Reddy. However, RPEC recommends to permit Ms. Swati Sarma as a special case.

The Senate approved the recommendations of RPEC. The Senate suggested that the Supervisor and the DSC will have to take responsibility for conducting the comprehensive viva voce examination as per rules.

- (3) Mr. A. Chandra Mohan (717168), a Full-time Research Scholar (CY) has made a complaint that the facilities such as chemicals and equipment required for carrying out his Research are not being made available by the Department. The issue has been referred to RPEC.

RPEC discussed with the Head of the Department (CY), Supervisor and the Research Scholar. RPEC recommends the following:

Committee asked the student to restrain from making this type of complaint. The student has been advised to look for facilities available in the entire institute for his research. At the same time the Supervisor and HoD have been requested to facilitate the student with the available resources in a productive way.

The Senate noted the recommendations of RPEC. The Chairman, Senate suggested to refer the case to Institute Standing Disciplinary Committee. The Chairman further expressed dissatisfaction for the equipment being kept in the faculty rooms instead in the laboratories. It is recommended all the equipment facility shall be made available to the students and faculty members of the Department.

(4) Mr. S. Siva Kumar a full-time Research Scholar has made a request for allowing him re-admission into PhD program. The issue is referred to RPEC.

After going through the record of Mr. S. Siva Kumar, RPEC observed the following:

- Admission of Mr. S. Siva Kumar has been cancelled in the year 2022 (120th Senate) because of non-registration for more than 3 successive semesters.*
- The claim of Mr. S. Siva Kumar that he has registered is found to be incorrect, as his registration was neither forwarded nor signed by the Supervisor as well as the Chairman, DSC. Further it was observed that the student has not presented his progress before the DSC for 3 semesters.*
- He has already completed the maximum period of eight years by the year 2022.*

In view of the above, RPEC recommends that Mr. S. Siva Kumar's request for re-admission into the program should not be entertained.

The Senate approved the recommendation of RPEC.

2024-130-Senate-02	Confirmation of the minutes of 129th Senate meeting
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The minutes of the 129th Meeting of the Senate were circulated to all the Senators. The suggestions and corrections suggested by the members were incorporated. The minutes are placed before the Senate for approval.

The Senate approved the minutes of the 129th Senate Meeting.

2024-130-Senate-03	Items for ratification
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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	22CER2R04	Nalla Harish	Prof. Aneetha V	Supervisor: Prof. T.D. Gunneswara Rao; Co-Sup.: Prof. Aneetha V	Change in the area of the Research
2	23CSR1P01	Yerolla Chanti	Prof. P V Subba Reddy	Co-Supervisor: Prof. Dorota Kuziak, Spain	Inclusion of a foreign Professor

The Senate approved the change of Supervisor and Co-Supervisor for Mr. Nalla Harish. The request for inclusion of a foreign Professor, Prof. Dorota Kuziak as Co-supervisor for the research scholar Mr. Y. Chanti is not approved by the Senate.

2024-130-Senate-04	Results of Ph.D. Viva Voce Examination
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The result of the following Ph.D. students who have been provisionally awarded degrees after 129th Senate meeting held on 16-01-2024 on approval of the Chairman, Senate is placed before the Senate for approval.

PHD RESULTS		
1	RANGILAL BHUKYA	
	Department	ME
	Roll No.	715041
	Date of Viva-voce Examination	22.01.2024
	Foreign Examiner	Dr. Prakash Srirangam, Associate Professor, WMG, University of Warwick Gibbet Hill Road Coventry, UK
	Indian Examiner	Dr. Rahul S. Mulik, Associate Professor, Dept of Mech & Indl Engg., IIT Roorkee
	Supervisor(s)	Prof. N. Selvaraj and Prof. P. Subhashchandra Bose
2	C. RAVIKANTH REDDY	
	Department	MM
	Roll No.	715055
	Date of Viva-voce Examination	22.01.2024
	Foreign Examiner	Prof. Manoj Gupta Department of Mechanical Engineering EA-07-08, 9 Engineering Drive 1, NUS Singapore 117576
	Indian Examiner	Prof. Bharat B. Panigrahi Dept. of Materials Science and Metallurgical Eng. IIT Hyderabad
Supervisor(s)	Prof. Bontha Srinivasa Rao	

	Thesis Title	Development of high strength Mg-Ni-Gd and Mg-(Ni, Zn)-Gd-Li alloys
3	VENKATARAMANA DARLA	
	Department	ME
	Roll No.	719052
	Date of Viva-voce Examination	29.01.2024
	Foreign Examiner	Dr. Murali Mohan Cheepu, Research Associate Professor Pukyong National University, Welding Research Development Center (Starwelds Inc.) Busan, South Korea.
	Indian Examiner	Prof. P S Robi, Department of Mechanical Engineering, IIT Guwahati, Guwahati - 781039
	Supervisor(s)	Prof. K.V. Sai Srinadh and Prof. B. Satish Ben
	Thesis Title	Investigation of Bond Strength between Aluminum and CFRP composite for improved Structural performance
4	SANA MUNQUAD	
	Department	BT
	Roll No.	718063
	Date of Viva-voce Examination	29.01.2024
	Foreign Examiner	Kunal Rai, PhD Associate, Professor, Department of Genomic Medicine, University of Texas MD Anderson Cancer Center. 1910 East Road, Houston, Texas, 77054
	Indian Examiner	Prof. Ranjit Prasad Bahadur , Department of Biotechnology, IIT Kharagpur
	Supervisor(s)	Prof. Asim Bikas Das
	Thesis Title	Development of Artificial Intelligence Models Based on Genomics Data for Precision Therapy of Glioma
5	GANESH MIRIYALA	
	Department	EC
	Roll No.	718039
	Date of Viva-voce Examination	31.01.2024
	Foreign Examiner	Dr. Luca Reggiani, Dipartimento di Elettronica, Informazione e, Bioingegneria, Politecnico di Milano P.zza Leonardo da Vinci 32, 20133 Milano - Italy
	Indian Examiner	Dr. Abhinav Kumar, Associate Professor, Department of Electrical Engineering, Indian Institute of Technology Hyderabad, 502284
	Supervisor(s)	Prof. V.V. Mani
	Thesis Title	Low Complex, Power Efficient Modulation Schemes for VLC Systems and Hardware Implementation
6	POTU SUPRAJA	
	Department	PH
	Roll No.	701965
	Date of Viva-voce Examination	02.02.2024
	Foreign Examiner	Dr. Buddha Deka Boruah,, Assistant Professor, Institute for Materials Discovery (IMD), University College London (UCL), London, WC1E 7JE, UK
	Indian Examiner	Prof D Pamu, Department of Physics, Indian Institute of Technology Guwahati, Guwahati-781039
	Supervisor(s)	Prof. R. Rakesh Kumar

	Thesis Title	Design and Development of ZnO Nanosheet based Nanogenerators to Drive Self-Powered Systems
7	V.P. MADHURIMA	
	Department	PH
	Roll No.	717055
	Date of Viva-voce Examination	02.02.2024
	Foreign Examiner	Dr. Rambabu Bobba PhD. Professor of Physics Southern University and A&M College Baton Rouge, Louisiana-70813, USA
	Indian Examiner	Prof. Mahesh Kumar, Professor IIT Jodhpur
	Supervisor(s)	Prof. K. Kumari
	Thesis Title	Design and Optimization of Graphitic Carbon Nitride Hybrid Nanostructures for Enhanced Photocatalytic Activity
8	P. Sunitha	
	Department	ME
	Roll No.	714134
	Date of Viva-voce Examination	13.02.2024
	Foreign Examiner	Dr. Amer Hameed Professor of Defence Engineering Cranfield Univeristy
	Indian Examiner	Prof. M. Ravi Sankar, Associate Professor, Department of Mechanical Engineering, IIT Tirupati, AP-517619
	Supervisor(s)	Prof. K. Madhu Murthy and Dr. V.V. Rao (External)
	Thesis Title	Studies on the Influence of Selected Process Conditions and Grain Configuration on Performance Parameters of a Typical Solid Rocket Propellant Composition
9	A.Venkata Ramana	
	Department	ME.
	Roll No.	716019
	Date of Viva-voce Examination	14.02.2024
	Foreign Examiner	Andrew Kusiak, Professor, 4627 Seamans Center, University of Iowa; Iowa City, IA 52242; USA
	Indian Examiner	Prof. J Ramkumar, Dept. Mech. Engg., & Design, IIT, Kanpur
	Supervisor(s)	Prof. M. J. Davidson and Dr. T. Raghu (External)
	Thesis Title	High temperature deformation behaviour of High strength low alloy (HSLA) steel
10	Ravi Sankar Puppala	
	Department	EC
	Roll No.	719067
	Date of Viva-voce Examination	19.02.2024
	Foreign Examiner	Roy Vellaisamy, Chair Professor, School of Science and Technology, Hong Kong Metropolitan University, Hong Kong
	Indian Examiner	Prof. Dharavath Ramesh, Associate Professor, Department of Computer Science and Engineering, IIT, Dhanbad 826004

Supervisor(s)	Prof. Kodali Prakash
Thesis Title	Triboelectric Nanogenerator Device Development Analysis and Prediction for Energy Harvesting

The Senate approved the results.

2024-130-Senate-05	BSc. BED (ITEP) Results
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The first semester results of BSc. BEd. have been circulated to all the Senators.

The Senate approved the results.

2024-130-Senate-06	UG, PG Results – Analysis
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The results of all UG and PG programs have been approved in the 129th Senate. The analysis of the results of all the UG and PG programs is presented by Prof. K. Kiran Kumar (PIC, Examinations) to the Senate.

The Senate noted down the analysis of results. As suggested in the Senate, the analysis of the results has been shared with all the Senators. Prof. G. Ambaprasada Rao, Chairman, Academic Performance Improvement Committee is requested to collate the recommendations and suggestions received from the Senators and present to the next Senate meeting.

2024-130-Senate-07	Academic Review
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The Academic Review meeting was held on 27-01-2024 in the presence of 13 external experts, one from each academic department. In the Academic Review, the following three aspects were discussed (i) Curricula UG and PG programs (ii) Restructuring of PG programs and (iii) Academic Regulations. The recommendations of the Academic Review Committee with regard to restructuring of PG programs have been presented to the Senate by Dean (Academic). The recommendation are as given in the table below.

Dept.	Existing Specialization	Remarks	No. of Seats	
			Existing	New
CE	Engineering Structures	To continue	30	35

	Water Resources Engineering	To continue	30	26
	Transportation Engineering	To continue	30	35
	Remote Sensing & GIS	To be renamed as Geoinformatics	20	20
	Environmental Engineering	To continue	30	34
	Construction Technology & Management	To continue	30	35
	Geotechnical Engineering	To continue	30	35
	Waste Management	To discontinue	20	--
EE	Power Systems Engineering	To continue	32	30
	Power Electronics & Drives	To continue	33	30
	Smart Electric Grid	To continue	30	25
	Control & Automation (Jointly by EE&CH)	New Program	--	20
ME	Thermal Engineering	To continue	22	25
	Automobile Engineering	To continue	20	25
	Machine Design	To continue	22	30
	Manufacturing Engineering	To continue	22	30
	Computer Integrated Manufacturing	To continue	20	20
	Materials & System Engineering Design	To discontinue	12	--
	Additive Manufacturing	To discontinue	12	--
EC	Advanced Communication Systems	To continue	30	30
	Electronics Instrumentation & Embedded Systems	To be renamed as Embedded & Machine Learning Systems	26	26
	VLSI System Design	To continue	24	24
MM	Industrial Metallurgy	To discontinue	15	--
	Materials Technology	To continue	15	20
	Welding Technology & Non-Destructive Testing	To continue	10	20


CH	Chemical Engineering	To continue	20	20
	Systems & Control Engineering	To discontinue	15	--
	Sustainable Energy Generation & Storage Technologies	To continue	15	20
CS	Computer Science and Engineering	To continue	25	25
	Computer Science and Information Security	To continue	25	25
	MCA	To continue	58	58
BT	Biotechnology	To continue	20	20
MB	MBA	To continue	77	77
MA	M.Sc. in Applied Mathematics	To continue	30	30
	M.Sc. in Mathematics & Scientific Computing	To continue	30	30
PH	M.Sc. (Tech) Engineering Physics	To continue	60	60
CY	MSc. Chemistry	To continue	60	60


The Senate approved the above recommendations on restructuring of PG programs. The proposals with regard to (i) Curricula for UG and PG Programs and (ii) Academic regulations were deferred. These will be taken-up for discussion in the next Senate Meeting.

The Senate appointed the following committee to suggest guidelines for evaluation of Dissertation Part-A and Part-B, taking into account semester long internship in Industries. The committee is suggested to refer the practices adopted in some of the IITs.

- 1. Prof. D.V.S.S. Siva Sarma (EE), Chairman**
- 2. Prof. G. Ambaprasada Rao (ME), Member**
- 3. Prof. Venkaiah Chowdary (CE), Member**

The meeting ended with thanks to the Chair and Senators.


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


Prof. A. Sarath Babu
 Dean, Academic


Prof. Bidyadhar Subudhi
 Director & Chairman