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# **REPORT ON COLLEGE ACTIVITIES – JANUARY 2025**

# January 2, 2025

NAGARJUNA

COLLEGE OF ENGINEERING & TECHNOLOGY

• Dr. Sanjeevkumar Hatture, Professor and Head, ISE department worked as Session Chair for IEEE International Conference.



January 4, 2025



 Dr. Navya Rani, Associate Dean(R&D) and Dr. Mahesh Shastri, Assistant Professor, ECE published a research article in SCIE Journal. Dr. Navya Rani, Associate Dean(R&D) and Dr. Mahesh

Shastri, Assistant Professor, ECE have published a research paper in a reputed SCIE journal, titled, "Sulfur coated RGO Composite Synthesized via a Rapid Heating Method for Li-S Battery Application"

Journal Name: Physica Scripta, IOP Science

Mahesh Shastri, Navya Rani M, Murthy M, Majunath..

Impact factor:2.6, Quartile: Q2, H- Index: 97

https://iopscience.iop.org/article/10.1088/14024896/ada 3a4

## **January 9, 2025**

• Mr. Manjuanth KN, Assistant Professor, AIML has completed Online Courses.



• Open House Activities by First Semester B.E. Students (2024-2025) on 9.01.2025.

Experiential Learning as encapsulated in the Learning by doing method was used in various First Semester B.E. (2024-2025) courses namely the Innovation and Design Thinking, Creative Learning, Mechanics, Introduction to Civil engineering, Waste Management, Scientific Foundation for health, Communicative English and Constitution of India, so as to enhance learning outcomes and better prepare students for practical challenges.

An Open House of activities by First semester B.E. students was held on 9th Jan. 2025. Several Models such as Automatic Street Lamp, Wisdom Apartment, Types of Supports, Accident prevention, Carbon purification for industries, recycling plastics to make road tar, waste water treatment, waste Management and recycling, other prototypes, puzzles, poster presentations were the highlights of the open house. In the House of creative learning Salt and Sugrue rocket experiment was illustrated.



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Sankranthi Celebrations on 11.01.2025. • Marshall and the states Let's celebrate together! Pass of 89440 Sankranthi Sambhrama Jan 11, 2025 | 10:30am arvest festival fills the air with Joy a ould be delighted to have your prese Sankranthi Sante Venue: NCET Square NAGARJUNA Sankranti Celebration & Staff Potluci Sankranti Celebration & Staff Polluck The Xenne 2. Seekarne 3. Poori 4. Hitakida avarebele sambar 5. Bisibelebath with Khara Boondi 6. Curd Rice with Pickle 7. White Rice, Rasam with Papad 8. Pakoda 9. Fruit crusted 10. Jaljeera 11. Pan Beeda ASS TARRIERS COMPUNICATION No. 11. Pan Beeda JENSES January 11, 2025 • Final Year Project Exhibition Prakalpa 2025 on 11.01.2025.

Nagarjuna College of Engineering & Technology Ogentware Project Expo – 2025 Prackalpa "moretien Mests Chalenges" I P. Jonuary 2025 P. Main Block, Samhar Hall.





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January 12, 2025

NCC Unit organized Marathon on 12.1.2025



Mr. Sananth Kumar, NSS officer attended 5 days • NSS Officers Training Program at Bangalore University.



#### **January 15, 2025**

Singh, Dr. Pallavi Assistant Professor, ECE. published a research article in SCIE Journal.

Dr. Pallavi Singh, ECE dept. faculty, has published a research paper in a reputed SCIE journal, titled, "A Review on Computational Low-Light Image Enhancement Models: Challenges, Benchmarks, and Perspectives".

Journal Name: Archives of Computational Methods in Engineering - Springer , Impact factor: 9.7, Quartile: Q1, H-Index: 92

#### January 17, 2025

#### • ECE Faculty completed Atal FDPs



Dr. Syed N H, Professor & Head, CSE(Data Science) invited as a resource person for ATAL FDP.



 NCET received 3 star rating for IIC activities during the year 2023-24.

NCET has received a prestigious 3-star rating out of 4 for IIC 6.0 for the activities during the year 2023-24.



Dr. Lohit J J, Professor & Head, CSE(AIML) has been invited as session chair for a conference at BNMIT.





• ISE Student presented a research paper in IEEE conference held at IIT, Kharagpur. Ms. Asharani M. S (1NC21IS008) of 7th Semester ISE

Student participated and Presented a paper in 21st IEEE INDICON 2024 at IIT, Kharagpur.



### January 18, 2025

• Dr. Shilpashree S, Department of CSE completed Atal FDP.



• ECE students published a research article in IEEE International Conference.

The research paper "Automatic Door Opening System Using RFID and Arduino System" of our 3rd year ECE students' batch of Shashidhar, Sinchana HV, Narendra R N, Priyanka CM under the guidance of Dr. Vivek Singh and Dr. Ajay Kumar Dwivedi has been accepted at IEEE International Conference on Intelligent control, Computing and Communications-2025, GL Bajaj Group of Institutions, Mathura U.P. (India). Indexing: IEEE Xplore (Scopus) **Conference Link:** https://www.glbajajgroup.org/IC3 2025

The research article by 7th Semester CSE-DS student's

The research article by 7<sup>th</sup> Semester CSE(DS) students titled "Enhance fake news news detection using GPT-2" under the guidance of prof. Lakshmaiah and Dr Praveen has been accepted at the ERCICAM-2025 NITTE-MIT Nitte, Bangalore

- Darshan K
- Kiran Kumar C H
- Subhash C S
- Vishwas M,

The article will be published in springer in their prestigious "lecture notes in electrical engineering series ( https: Springer.Com/series/7818

 ISE Students published a research article in Conference.

The research by 7<sup>th</sup> Semester ISE Students Mr. Manoj, Mr. Jayanth N, Mr. K. Akash Reddy, Mr. Nithin M, Mr. Kushwanth M.V, titled "Modularity-Driven Influence: An Enhanced LPA Framework for Comunity Detection and Maximization in Social Networks" under the guidance of Mrs. Ankita Shukla has been accepted at the 4th International Conference on

Sentiment Analysis and Deep Learning ICSADL 2025, Far Western University Bhimdatta, Indexing: IEEE Xplore (Scopus Indexd)

#### **January 19, 2025**

#### • DS Students published a research paper.

7th Semester CSE-DS student's team consisting of :

- Sumanth
- Puneeth
- Manu
- Narendrababu

have published a research paper entitled "Behavioral and Hybrid Anamoly Detection for Enhanced E-commerce Fraud Detection System" (Guide: Dr Praveen Kumar), MLIP-2025, Conference Date: 21&22 of Feb-2025. Paper Publication: All the accepted and registered conference papers will be published in the Conference Proceedings with ISBN and it will be indexed by Scopus and Crossref.

• Mr. Subhakar, Assistant Professor, Data Science Department published a conference paper.

Prof. Subhakar presented a paper entitled " Skin Lesion segmentation on ISIC melanoma images by employing Artificial Gorilla Troops Optimizer" ICSMDI-2025.



• Dr. Praveenkumar S C, Data Science department was invited as Resource Person for FDP.

Dr. Praveenkumar S C, Associate Professor, Department of Data Science, wasinvited as a resource person for the National Level FDP on Imminent Innovations for Interdisciplinary Application using Al.



#### January 20, 2025

# • Mrs. Geetha D L, Assistant Professor, Mathematics department published a research article.

Mrs. Geetha D L, Assistant Professor, Mathematics department published a research article in Elsevier journal.

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• ECE Faculty Members Completed ATAL FPDs.

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#### • FDP by Department of ECE.

Five day Faculty Development Program on "Leadership and Team Building" was organized by Department of ECE in association with MSME Technology Center, Bengaluru, Govt. of India, from 20th Jan 2025 to 24th Jan 2025.

Department of Electronics and Communication Engineering, NCET, in collaboration with MSME Technology Centre, Bangalore, successfully inaugurated the 5-day Faculty Development Program (FDP) on "Leadership and Team Building" on January 20, 2025.





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 AICTE sanctioned AICTE-IDEA Lab to NCET with a grant of Rs. 1.20 Crores. College Project proposal, submitted to AICTE under the AICTE-IDEA Lab Scheme for the academic year 2024-25, has been Selected for funding with a generous grant worth of Rs. 1.2 Crore. The proposal was developed under the esteemed leadership of Chief-Mentor Dr. B. V. Ravishankar, Principal. Coordinator: Dr. Nagesh K. N., Vice Principal & Head, ECE Co-Cordinator: Dr. Rohith S., Associate Professor, ECE.

#### January 25, 2025

 Dr. Sanjeevakumar Hatture, Professor & Head, ISE has been nominated as Academic Council Member of WIT, Solapur.

Dr. Sanjeevkumar Hatture, Professor & Head, Department of Information Science and Engineering has been nominated as the Member of the Academic Council of Walchand Institute of Technology, Solapur, Maharastra.

Mrs. Jyothi S K, Assistant Professor, ECE, Completed Pre-PhD Comprehensive Viva Voce.

Mrs. Jyothi SK, Assistant Professor, Dept of ECE NCET has successfully completed her Ph.D. Pre-Comprehensive Viva Voce today with her research titled "Designing and Investigation of In Vitro Diagnostics of Diabetes"

The viva was conducted in presence of External Panel-RAC and faculties with valuable insights and assessments from the Research Advisory Committee panel comprising Dr.Ramachandra A.C, Professor Dept. of ECE, NMIT, , Bengaluru and Dr. Rajesh N, Professor, Dept.of ECE, NMIT, Bengaluru.



MBA Department Organized Parichay-Freshers Welcome Function.







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 Department of MBA organized Road Safety Awareness Program.

Department of MBA organised National Road Safety Awareness Program in association with Ministry of Youth Affairs & Sports, GOI, Nehru Youth Kendra, Bengaluru in coordination with Vijayapura Police.



ರಸ್ತೆ ಸುರಕ್ಷತೆ ಜಾಗೃತಿ ಅಭಿಯಾನ 2025 ಆಯೋಜನೆ, ಹೆಲ್ಮೆಟ್ ದರಿಸದೆ ವಾಹನ ಓಡಿಸದಿರಿ. ಸಂಚಾರಿ ಎಸ್ ಐ ಮಂಜುಳಾ, ಸಂಚಾರಿ ಜಾಗೃತಿ ಅಭಿಯಾನ ವಿಧ್ಯಾರ್ಥಿಗಳಿಗೆ ಚಹಾದಿಯಾಗಲಿದೆ. ಪಾಂತುಪಾಲ, ದವಿತಂತದ್

January 26, 2025









#### January 28, 2025

• Dr. Syed N H, Professor and Head, Data Science has been recognized as Reviewer for IEEE International Conference.



 Research Paper by Data Science students got selected for IEEE Conference Proceedings.

A Research Paper by 5th sem CSE(DS) students, Misba, Gaurav and Heena, got accepted in ICEARS-25, all the accepted paper will be published in IEEE explore.

• Dr Bhargav R, Associate Professor, CSE department invited as Resource Person for FDP.



• Faculty Members completed Atal FDPs.





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### Internship opportunity for Students

#### Following EC Students got internship with a Stipend:

- 1) 3 students are selected under Project work at ISRO TELEMETRY Tracking and Command Network [ISTRAC], BENGALURU for 6 months
- 2) 13 students at BHARAT ELECTRONICS LIMITED [BEL], BENGALURU for 3 months.
- 3) 8 students at Microwave Tube Research and Development Centre(MTRDC) (DRDO) for 6 months.
- 4) 2 Students got opportunity as intership in National Arenoutics Limited (NAL)
- 5) 2 students exclusively got Internship Opportunity with stipend of 8000 per month in A3T technologies.
- 1 student from 3rd Semester got an internship Opportunity 6) for 3 months in OS CODE with stipend of 8000 per month.
- 7) 1 student from 7th Semester got an internship Opportunity for 4 months at IIT Goa under ADVANCED DRONE CENTER.

ISE Students Internship with Stipend 2024-25

- 1. Tayana Mobility Technologies: Rs. 15050/- @ month 3 students
- 2. Trikara Software Solutions Ltd: Rs. 12000/- @ month - 7 Students
- 3. Cellcomm Solutions Ltd: Rs. 5,000/-@month 1 Student

SLNo	Name of the	USN	Date of	Industry/	
51.80	Candidate	USN	Commencement/Duration	Organization	
1.	Mr. Aryan Verma	INC211S007	09-09-2024 to 09-03-2025	Tayana Mobility Technologies Private Limited,	
2.	Ma. Priya Darshini. S	1NC211S043	09-09-2024 to 09-03-2025		
3.	Mr. Vined C.M	INC211S060	09-09-2024 to 09-03-2025	Bengaluru	
4	Mr. Niranjan B. G	INC211S036	01-10-2024 to 31-12-2024	QuGatez Technologies, Bengaluru	
3	Ms. Madim Shree H K	INC2115032	07-10-2024 to 07-01-2025.	Callcomm Solutions Limited, Bengaluru- 562149	
6	Mr. Kamal Pandey	1NC17IS014	09-10-2024 to 09-04-2025	Inkara	
7	Mr. Abinav Raj	INC211S001	09-10-2024 to 09-04-2025	Technologies Private Limited, Bengaluru	
8	Mr. Ankit Kumar	1NC211S006	09-10-2024 to 09-04-2025		
9	Mr. Atul Kumar	INC2115009	09-10-2024 to 09-04-2025		
10	Mr. Atul Pandey	INC211S010	09-10-2024 to 09-04-2025		
11	Mr. Rohit Kurnar	INC2115048	09-10-2024 to 09-04-2025		
12	Ms. Shree Nithya	INC211S046	01-08-2024 to 31-03-2025	Eorbit	
13	Mr. Vishal H M	INC2115063	01-01-2025 to 31-03-2025	JOMS Commerce	

### **January 29, 2025**

Interaction with Students from MIT, Cambridge, **USA by Creative Learning Centre.** 

hosted the students from NCET the prestigious Massachusetts Institute of Technology (MIT), USA at NCET! As part of MIT's flagship initiative, MISTI (MIT International Science and Technology Initiatives), specifically the Global Teaching Labs (GTL) program, these students are traveling the world to teach STEM to school children. At NCET, they interacted with our MBA students and staff, sharing experiences and perspectives.

Thanks to Mr. Akshay Mashelkar, Head-CCLE for facilitating this collaboration.



## Department of CSE received a consultancy project of Rs.2.40 lakhs.

Department of CSE in association with Tech-Hub received PO/WO of consultancy project work on "Content development and delivery of programming course and study on effective teaching of programming course" from G.K Cloud Solutions Pvt Ltd.

Cost of project: Rs. 2,40,000

Duration of project : 3 months

Principal Investigator : Dr Mallikarjun Kodabagi, Professor and HoD-CSE, Dean Academics-SoC

Co-Principal Investigators: Dr. Bhargava, Associate Professor and TechHub program Manager and Ms. Gayatri H. P. TechHub trainer.



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# • Department of CSE completed a consultancy work

#### of Rs. 3.60 lakhs.

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Department of CSE in association with Tech-Hub completed consultancy project work on "content development and delivery of Metaverse course" from GLOBAL KNOWLEDGE PVT LTD.

Cost of project: Rs. 3,60,000

Duration of project : 3 months

Principal Investigator : Dr Mallikarjun Kodabagi, Professor and HoD-CSE, Dean Academics-SoC

Co-Principal Investigators: Dr. Bhargava, Associate Professor and TechHub program Manager and Ms. Gayatri H. P. TechHub trainer.

#### January 30, 2025

# • CSE Research Scholar Completed Pre-PhD Comprehensive Viva Voce.

Mr. Gurusiddappa Hugar, Asst. Professor, Department of CSE, KLEIT, Hubballi, successfully completed his Ph.D. Pre-Comprehensive Viva Voce at the Research Center of Computer Science and Engineering, Nagarjuna College of Engineering and Technology, Bengaluru.

His research, titled "Design Methodology for Generating a Kannada Text Description from Real-Time Deaf Sign Language Action Using Deep Learning Techniques" was thoroughly evaluated in the presence of an External Panel -RAC and esteemed faculty members.

The Research Advisory Committee (RAC) panel comprised: Dr. Mithun B. N., Professor and Head, Dept. of Cyber Security, APS College of Engineering, Dr. Mallikarjun M. Kodabagi, Dean, School of Computing and Dr. Rajakumar, Professor and Research Center Head, CSE.

The panel provided valuable insights, constructive assessments, and recommendations, which will be duly incorporated to further enhance the research work.



### January 31, 2025

• Mr. Manjuanth KN, Assistant Professor, AIML has participated in Faculty Development Programme at BNMIT. Bengaluru



• Dr. Yogeesha H C, Associate Director(IQAC) completed AICTE-QIP PG Certificate Course in Cyber Security from IIIT, Dharwad.

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	AICTE -QIP-PO	G Certificate Programm	ne in Cyber Security	
		This is to certify that		
Mr/Ms/Dr.	Yogeeshal		): <u>1-762352778</u> ) of	
	Mechanica	l Engineering	departm	ent
of	Nagarjuna College	of Engineering and Technolo	gy, Bangalore	College
Institute/Univer	sity has successfu	lly completed the AICTE-QIP	PG Certificate Course in Cy	ber
Security held be	tween July 2024 to	December 2024. This certifi	cate is issued in testimony o	fthe
partial fulfilmen	t of the requireme	nts of the said certificate.	116/	
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Dr. Suvadij	Hazra	Dr. Rajendra Hegadi	Prof. S. R. Mahadeva I	rasan
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Programme Co-c Assistant Pr IIIT Dha	rwad	IIIT Dharwad		