

**Department of CSE (Cyber Security)**

**CYBERWATCH**

**EYES ON CYBER - MINDS ON SECURITY  
JULY-2025 to DECEMBER-2025**

**VOLUME-1, ISSUE-1**

**EDITORIAL BOARD**

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**DR.V.V.A.S.LAKSHMI, PROFESSOR & HOD**

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**STUDENT COORDINATORS:**

1. **B. Sowmya - (22471A4607)**
2. **Ch. Prasadu- (22471A4611)**
3. **J. Aamuktha - (22471A4618)**
4. **N. Poojitha - (22471A4633)**
5. **V. Anitha - (22471A4650)**

**ABOUT DEPARTMENT**

**NEC Website: <https://www.nrtec.in/>**

**VISION:**

- ❖ To cultivate a future generation of proficient Cyber Security professionals dedicated to fortifying industry and society by employing cutting-edge security measures.

**MISSION:**

- ❖ To provide allied research and academic resources that support for cyber security professionals.
- ❖ To cultivate research-oriented thinking for the design of new security algorithms.
- ❖ To collaborate with innovators for solving real world cyber security threats.

**PROGRAM SPECIFIC OBJECTIVES (PSOs)**

**PSO1:** Apply a range of Cyber Security techniques and measures to protect digital systems effectively and mitigate security risks.

**PSO2:** Demonstrate to conduct research in the field of Cyber Security, contributing to the development of new knowledge, algorithms, and approaches for enhanced security.

**PSO3:** Analyze and develop proficiency in the areas of network security, cyberlaws and ethics.

**PROGRAM EDUCATIONAL OBJECTIVES (PEOs)**

**PEO1:** Graduates will apply the necessary skills and knowledge to become Cyber Security professionals capable of addressing current security challenges effectively.

**PEO2:** Graduates are able to develop a research-oriented mind set and the ability to contribute to the field of Cyber Security through innovative approaches and solutions.

**PEO3:** Graduates possess the skills to solve security issues efficiently and adapt to changing circumstances, ensuring the resilience and protection of digital systems.

**STUDENT STRENGTH PARTICULARS**

- 2022 Batch (Regular) - 49
- 2023 Batch (Lateral Entry) - 1

**FACULTY FOCUS**

**INTERNATIONAL JOURNALS:**

- ❖ The Author(s), under exclusive license to Springer Nature Singapore Pvt Ltd. 2025 H. Zen et al. (eds.), Soft Computing and Signal Processing, Lecture Notes in Networks and Systems 1200, [https://doi.org/10.1007/978-981-97-9926-8\\_12](https://doi.org/10.1007/978-981-97-9926-8_12)

1. **V. V. A. S. Lakshmi, Gujjarlamudi Mahesh Babu** - The Evaluation of Data Aggregation and Compression in WSN Routing Networks Using the Best Clustering Methods.
2. **Puttamraju Srinivasa Rao, Danda Sreekanth** - Improved AODV Routing Protocol Development and Analysis for Enhanced Network Performance in MANETs Based on Machine Learning Model.

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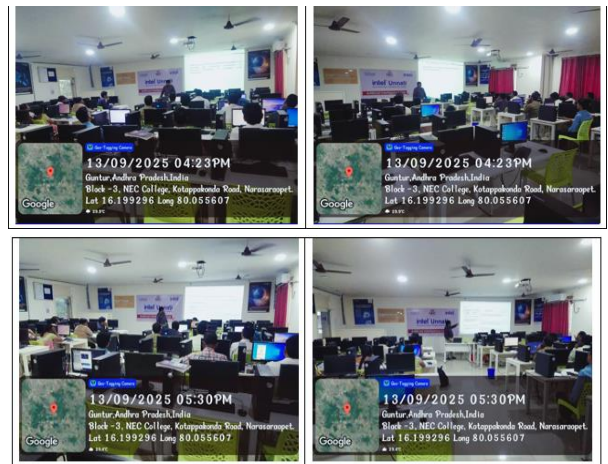
VOLUME-1, ISSUE-1

3. **Nalabothu Siva Rama Krishna** - The Augmentation of Social Media and Its Notable Impact on Sentiment Research Review Systems for Public Movie Theaters Using Deep Learning.
4. **Gundala Nageswara Rao** - Prediction of Distinctive Human Behavioral Activity Using PIFP and Big Data Methods.
5. Dr. VVAS Lakshmi & P V Sateesh Kumar for the Paper Titled **Auto Prognosis-M++: Uncertainty-Aware Multimodal Ensemble Learning for Interpretable and Efficient Clinical Diagnosis** presented at the 5<sup>th</sup> International Conference on Evolutionary Computing and Mobile Sustainable Networks (ICECMSN 2025) Organized by Dept of IT, Hindusthan Institute of Technology, Coimbatore, India on 24-26 November 2025.
6. P V Sateesh Kumar & N. Siva Rama Krishna for the Paper Titled **Heuristic-based Multi-Objective RSU Deployment and Adaptive Repositioning for Secure Internet of Vehicles** presented at the 5<sup>th</sup> International Conference on Evolutionary Computing and Mobile Sustainable Networks (ICECMSN 2025) Organized by Dept of IT, Hindusthan Institute of Technology, Coimbatore, India on 24-26 November 2025.
7. J. Syam Babu has Presenting a Paper Titled **Smart Tourism Management System: An Enhancement of Traditional Travel Platforms Using Real-Time Technologies** in the 2025 IEEE International Conference on Innovate for Humanitarian Tech Solutions for Global Challenge (ICIH) Acropolis Institute of Technology and Research, Indore 21<sup>st</sup> – 22<sup>nd</sup> November 2025.
8. P. Srinivasarao has Presenting a Paper Titled **Simultaneous Localization and Mapping (SLAM) Algorithm Development Using 2-D LiDAR** in the 2025 IEEE International Conference on Innovate for Humanitarian Tech Solutions for Global Challenge (ICIH) Acropolis Institute of Technology and Research, Indore 21<sup>st</sup> – 22<sup>nd</sup> November 2025.
9. D. Sreekanth has Presenting a Paper **E-Commerce Transaction Fraud Detection Using Machine Learning Technique** at the Conference organized by the National Institute for Engineering and Research (NIER) held on 1<sup>st</sup> November 2025 at Trivendrum - India.

10. V.V A S Lakshmi has successfully presented the paper titled **Lifecycle-Wide AI Security Enhancement Using Generative AI: A Unified Framework for Robustness, Privacy and Self-Healing** in the 5<sup>th</sup> International Conference on Ubiquitous Computing and Intelligent Information Systems (ICUIS 2025) held on 26-28 Nov 2025.

### FDPS ATTENDED:

- ❖ **Awareness on NBA Accreditation – Resource Person:**  
Dr. P. Hari Krishna Prasad.



- ❖ 3day FDP on **Hands-On FDP on Flutter for Android, IOS and Web Apps** on 3<sup>rd</sup> to 5<sup>th</sup> Nov 2025.



**THREE DAY FACULTY DEVELOPMENT PROGRAMME**  
on  
**HANDS-ON FACULTY DEVELOPMENT PROGRAM ON FLUTTER FOR ANDROID, IOS AND WEB APPS**

Resource Person:  
**Mr. B.S. Manjunatha**  
Associate Consultant  
Skill Dzire

03<sup>rd</sup> to 05<sup>th</sup> Nov, 2025  
2:00 PM to 4:30 PM  
Online Mode

Organized by  
Departments of  
**IQAC, CSE(AIML), CSE (DS), CSE(CS), IT, CSE (AI) & CSE**



**FACULTY ACHIEVEMENT:**

❖ Our Department Faculty got an Excellence Certificates.



- ❖ Dr. V.V.A.S.Lakshmi, G.V.Neelimadhavi, G. Mahesh Babu, M. Sai Yaswanth, G. Nageswara Rao, P. Solmon, P. Sateesh Kumar, J. Syam Babu & P. Sardar Khan for the Successful Completion of a **One Week Faculty Development Program on Emerging Trends and Challenges in Cyber Security** Organized by the Department of CSE(AIML) held from 25<sup>th</sup> August to 30<sup>th</sup> August 2025 (**KITS Autonomous**).
- ❖ J. Syambabu participated in **Faculty Development Program on Cloud Computing** Organized by the J B Institute of Engineering & Technology (JBET), Hyderabad, Telangana in Collaboration with ExcelR Edtech Pvt. Ltd Date: 14<sup>th</sup> July to 18<sup>th</sup> July 2025.



## Department of CSE (Cyber Security)

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JULY-2025 to DECEMBER-2025

### VOLUME-1, ISSUE-1

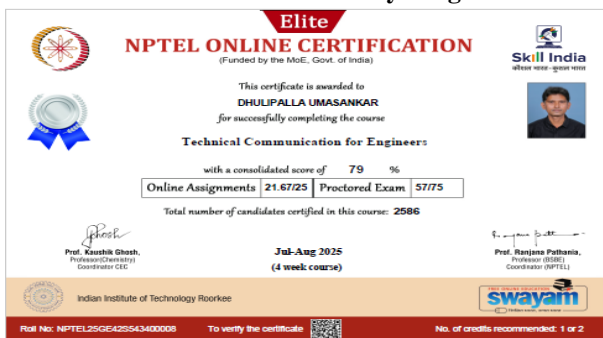
- ❖ G. Mahesh Babu has successfully presented the paper entitled Firewall Configuration Review Tool with Secure Data Transmission at the 6<sup>th</sup> International Conference on Smart Electronics and Communication (ICOSEC 2025) organised by Kongunadu College of Engineering and Technology, Trichy, India on 24-26, September 2025.
- ❖ G. Mahesh Babu for demonstrating competence in the completion of Fundamentals of Deep Learning on 26<sup>th</sup> September 2025.



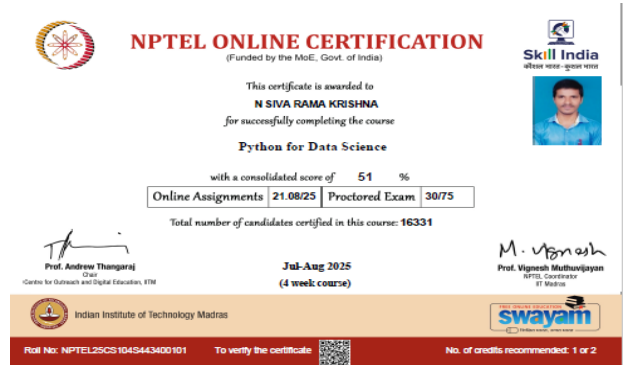
- ❖ Dr. V V A S Lakshmi for successfully completing the course Data Base Management System with a consolidated score of 58% on July–Sep 2025.



- ❖ Dhulipalla Umasankar for successfully completing the course Technical Communication for Engineers with a consolidated score of 79% on July–Aug 2025.



- ❖ N. Siva Rama Krishna for successfully completing the course Python for Data Science with a consolidated score of 51% on July–Aug 2025.



- ❖ D. Sreekanth for successfully completing the course Python for Data Science with a consolidated score of 51% on July–Aug 2025.



- ❖ G. Mahesh Babu & N. Siva Rama Krishna has successfully presented the paper titled Deep Learning-based Plant Leaf Disease Detection at the 7<sup>th</sup> International Conference on Innovative Data Communication Technologies and Application (ICIDCA 2025) Organised by RVS College of Engineering Technology, Coimbatore, India on 6<sup>th</sup> to 8<sup>th</sup> October 2025.



## Department of CSE (Cyber Security)

# CYBERWATCH

EYES ON CYBER - MINDS ON SECURITY  
JULY-2025 to DECEMBER-2025

### VOLUME-1, ISSUE-1

- Gujjarlamudi Mahesh Babu has presented the paper entitled **Predicting Mental Health Conditions from Survey Data** at the **2nd Asia Pacific Conference on Innovation in Technology (APCIT-2025) (IEEE)**, organized by Vidyavardhaka College of Engineering, Mysuru, India, held on 19th –20th , September 2025.



- Gujjarlamudi Mahesh Babu has successfully presented the paper entitled **Interpretable Deep Learning for Pancreatic Cancer Diagnosis using TabNet and Shapley Addictive Explanations (IEEE)** at the **2<sup>nd</sup> International Conference on Electronic Circuits and Signaling Technologies ICECST 2025**, organized by Lincoln University College Petaling Jaya, Malaysia on 23<sup>rd</sup> –25<sup>th</sup>, October 2025.



- M. Sai Yaswanth, J. Syam Babu has successfully presented the paper titled **Performance Assessment of Feature Ranking Algorithms for Breast Cancer Prediction** at the 9<sup>th</sup> International Conference on Electronics, Communication and Aerospace Technology ICECA 2025 on 5<sup>th</sup> to 7<sup>th</sup> November 2025.



- M. Sai Yaswanth has successfully presented the paper titled **Unresolved Challenges and Future Directions in AI-Based Skin Cancer Detection: A Review of Data Diversity, Model Interpretability, and Clinical Integration** at the 9<sup>th</sup> International Conference on Electronics, Communication and Aerospace Technology ICECA 2025 on 5<sup>th</sup> to 7<sup>th</sup> November 2025.



- G. Nageswara Rao & Ch. Padma for the successfully completion of a One Week FDP (Hybrid) on **“Innovation & Research Opportunities in Cyber Security”** Organized by the Department of CSE (AIML) held from 27<sup>th</sup> October 2025 to 1<sup>st</sup> November 2025.



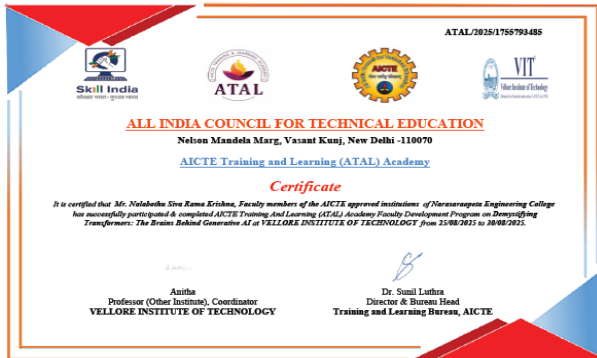
- N. Siva Rama Krishna has successfully participated & completed AICTE Training and Learning (ATAL) Academy FDP on **Demystifying Transformers: The Brains behind Generative AI** at Vellore Institute of Technology from 25<sup>th</sup> Aug to 30<sup>th</sup> Aug 2025.

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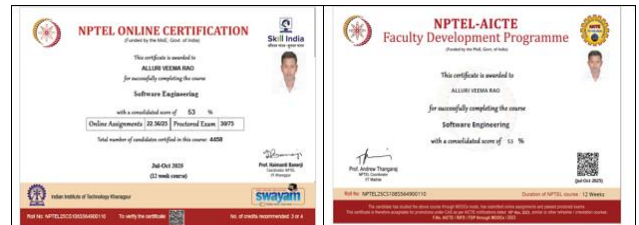
VOLUME-1, ISSUE-1



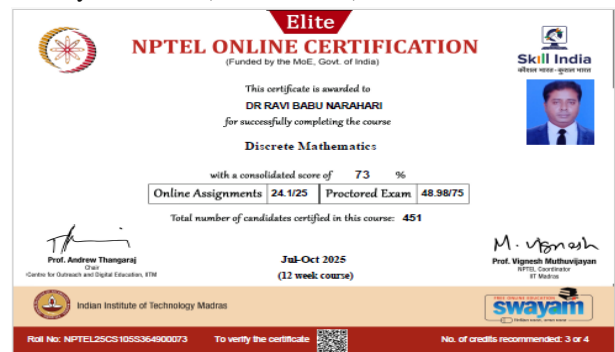
- ❖ P. Solmon, N. Siva Rama Krishna, A. Veemarao, J. Syam Babu & G. V Neelmadhavi for the successful completion of 10 days Online International FDP on “Transforming Research into Quality Publication: Tools, Techniques & Practices” from 30<sup>th</sup> October 2025 to 8<sup>th</sup> November 2025 Organized by Department of Business Administration, Annamacharya University.



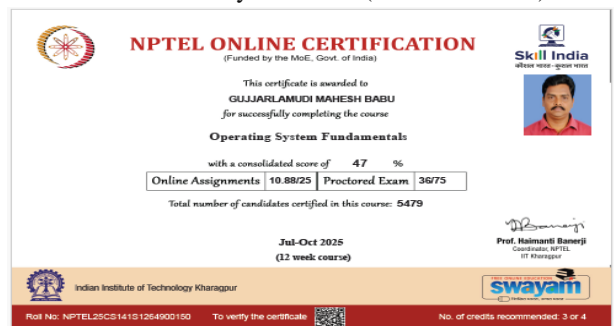
- ❖ Veema Rao has successfully completing the course **Software Engineering** with consolidated score of **53%** on July-Oct 2025.(NPTEL & FDP)



- ❖ Dr. N. Ravi Babu has successfully completing the course **Discrete Mathematics** with consolidated score of **73%** on July-Oct 2025.(NPTEL Elite)



- ❖ G. Mahesh Babu has successfully completing the course **Operating System Fundamentals** with consolidated score of **47%** on July-Oct 2025.(NPTEL & FDP)



- ❖ G. Mahesh Babu has successfully completing the course **Deep Learning - IIT Ropar** with consolidated score of **55%** on July-Oct 2025.(NPTEL & FDP)



VOLUME-1, ISSUE-1

- P. Srinivasa Rao has successfully completing the course **Deep Learning - IIT Ropar** with consolidated score of **60%** on July-Oct 2025.(NPTEL Elite & FDP)



- A. Veema Rao, J. Syam Babu & M. Sai Yaswanth has attended A Five-Day National Level Online FDP on “Emerging paradigms in Quantum Computing for Next-Generation Technologies: AI, VLSI, and Secure Communication” organized by KITS Autonomous Guntur from 10<sup>th</sup> to 14<sup>th</sup> Nov 2025.



- J. Syam Babu for successfully completing the course **Introduction to Internet of Things** with consolidated score of **58%** on July – Oct 2025 (NPTEL & AICTE FDP).



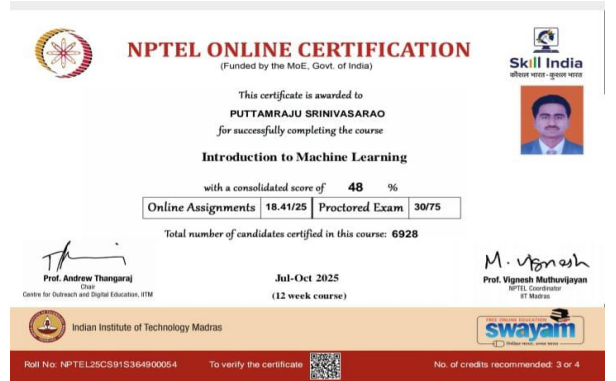
- N. Siva Rama Krishna for successfully completing the course **Introduction to Internet of Things** with consolidated score of **54%** on July – Oct 2025 (NPTEL).



- K. Mounika for successfully completing the course **Introduction to Internet of Things** with consolidated score of **53%** on July – Oct 2025 (NPTEL).



- P. Srinivasarao for successfully completing the course **Introduction to Machine Learning** with consolidated score of **48%** on July – Oct 2025 (NPTEL).



- P. Sardar Khan for successfully completing the course **Introduction to Machine Learning** with consolidated score of **60%** on July – Oct 2025 (NPTEL ELITE).



- ❖ Certificate of Appreciation to P. Srinivasarao for being recognized as NPTEL motivated learner Jul-Dec 2025.



- ❖ Certificate of Appreciation to U. Vijay Kumar has participated as Resource Person / Jury member and successfully conducted the event in District Level Science Fair held at PNC & KR College, NRT on 19<sup>th</sup> Dec 2025.



### WEBINARS, WORKSHOPS / TRAININGS PROGRAMS / OTHERS CONDUCTED

- ❖ III Year I Semester students are hereby informed that TechnoElite, ISTE and our department is going to organize a one-week workshop on 'Data Security Tools and Techniques' during 07th – 12th July, 2025 in collaboration with Supraja Technologies.





- ❖ All the II Year I Semester students are hereby informed that TechnoElite, ISTE and our department is going to organize a one-week workshop on ‘AWS (Amazon Web Services) Cloud Computing’ during 07th – 12th July, 2025 in collaboration with Viksha Tech Solutions (OPC) Private Limited.



- ❖ Savantis Solutions On Campus (Physical) Drive – 18th July, 2025 for AIML, CS, DS IV Year Students.



## Department of CSE (Cyber Security)

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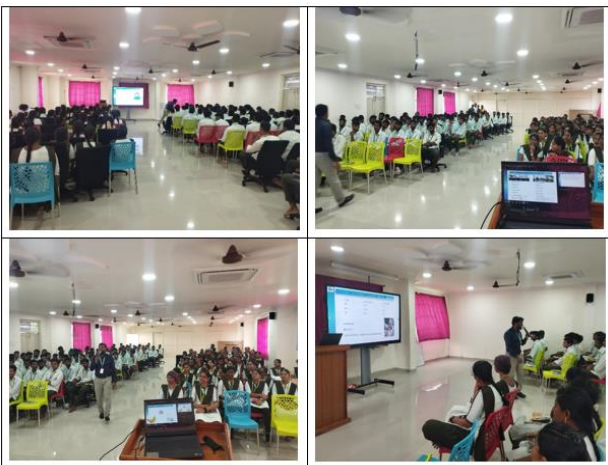
EYES ON CYBER - MINDS ON SECURITY  
JULY-2025 to DECEMBER-2025

### VOLUME-1, ISSUE-1

- ❖ All the III Year I Semester students are hereby informed that our department and TechnoElite Club, is going to organize a one-day seminar on **“Prompt Engineering”** on August 6, 2025.



- ❖ All the III B.Tech. Students are hereby informed that our department and Technoelite Club, is going to organize a one-day seminar on **“Cloud Computing Gateway to a High-Demand Tech Career”** on August 11, 2025.



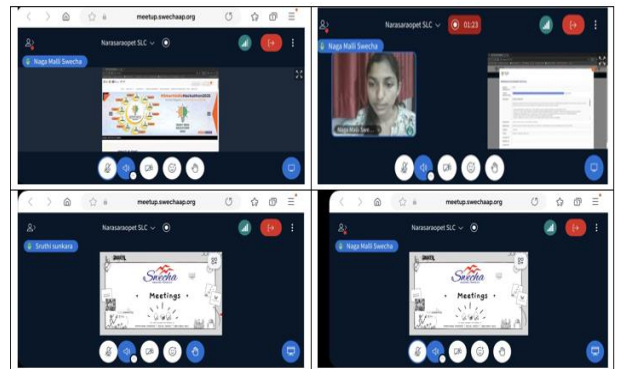
- ❖ All the IV B.Tech. Students are hereby informed that our department and Technoelite Club, is going to organize a one-day seminar on **“Power Automate”** on August 12, 2025.



- ❖ IV Year I Semester CS Students CRC was constituted for the academic year 2025-26 on 10-09-2025.



- ❖ All II, III, and IV year students registered for SIH-2025 are hereby informed that the TechnoElite Club, in association with Swecha, is organizing an **Online Orientation on Smart India Hackathon** on 13-09-2025.



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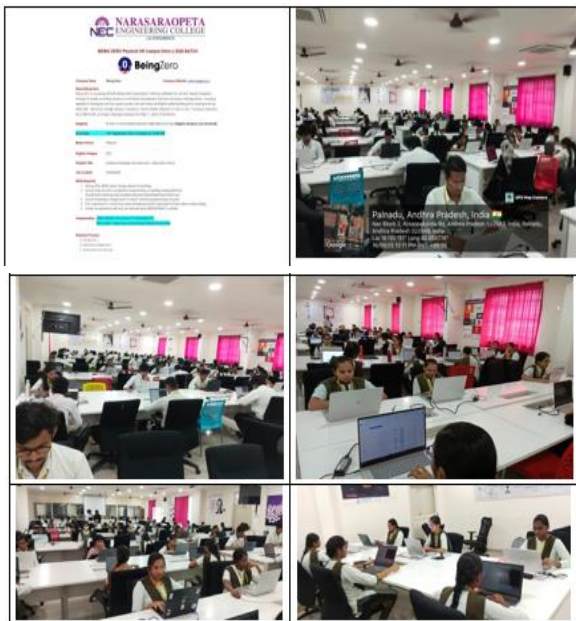
EYES ON CYBER - MINDS ON SECURITY  
JULY-2025 to DECEMBER-2025

### VOLUME-1, ISSUE-1

- ❖ All the students of II Year are hereby informed that TechnoElite Club is going to organize a session on Peer Learning on “Threat Hunting: Techniques & Practices in Cyber Security” will be conducted as per the details below: **Date:** 11-9-2025 (II Year CS) **Resource Persons (Peers):** 1. K. Sai Amar Durgesh (23471A4619), 2. M. Harsha Vardhan (23471A4626).



- ❖ IV Year AIML, CS, DS Eligible Students **BEING ZERO** Physical ON Campus Drive – 2026 Batch on 16<sup>th</sup> Sep 2025.



- ❖ IV Year AIML, CS, DS Eligible Students **UTS (Unistring Tech Solutions)** Physical ON Campus Drive – 2026 Batch on 24<sup>th</sup> Sep 2025.



- ❖ III Year I Semester CSE (CS) Class Review Committee (CRC) meeting in HoD room on 14-10-2025.



- ❖ II Year I Semester CSE (CS) Class Review Committee (CRC) meeting in HoD room on 14-10-2025.



## Department of CSE (Cyber Security)

# CYBERWATCH

EYES ON CYBER - MINDS ON SECURITY  
JULY-2025 to DECEMBER-2025

### VOLUME-1, ISSUE-1

- ❖ Workshop & Hackathon for 25 Batch Ist Year B.Tech. Students has **Join The Excitement at Code Challenge 2025** on 22<sup>nd</sup> November 2025.



- ❖ All the III Year I Semester CSE (CS) students are hereby informed that TechnoElite, ISTE and our department is going to organize a 5 Days Practical Hands-on Workshop on 'Vulnerability Assessment Penetration Testing (VAPT) and next followed by one day Hackathon' during 24th – 29th November, 2025.



- ❖ All the III B.Tech. Students are hereby informed that our department and Technoelite Club, is going to organize a one day seminar on "Innovating with Data: Awareness Program on Data Science and AI/ML Technologies" on December 03, 2025.



## Department of CSE (Cyber Security)

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EYES ON CYBER - MINDS ON SECURITY  
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### VOLUME-1, ISSUE-1

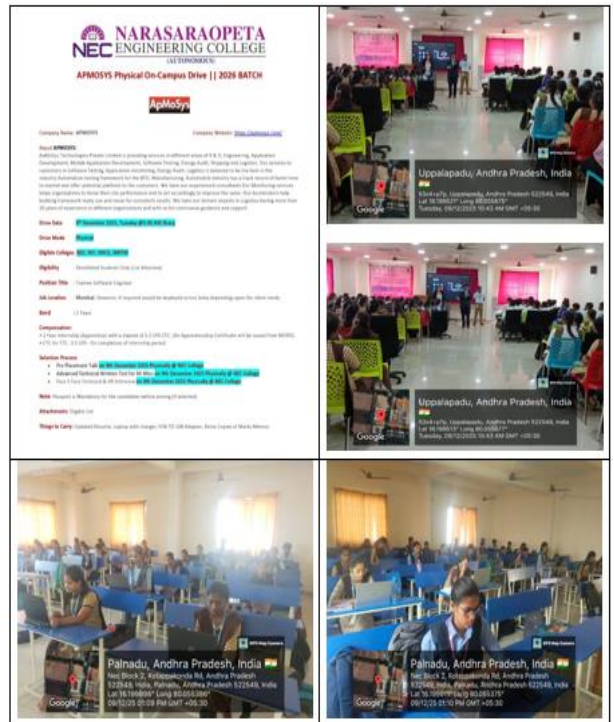
❖ NEC opens its new “AI Center” of Excellence with WeXL. The Grand inauguration of the “Center of Excellence in AI” was held on 9<sup>th</sup> December. WeXL is an innovation and learning hub that promotes experiential learning and industry exposure. It helps students develop practical skills through hands-on projects, technology and real-world problem solving.



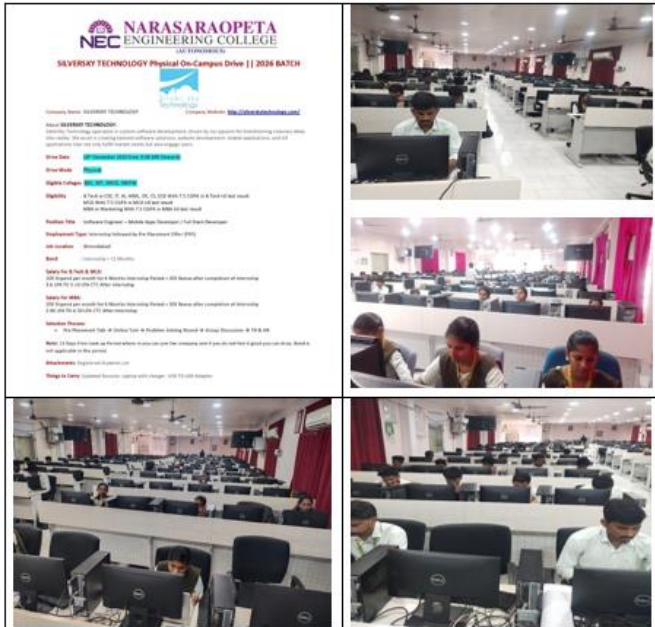
❖ Our department organised Parent – Teacher Meeting on 13<sup>th</sup> December 2025. The meeting aims to discuss students’ academic progress and college events, extra-curricular activities, and workshops.



❖ IV Year AIML, CS, DS Eligible Students APMOSYS Physical on Campus Drive – 2026 Batch on 09<sup>th</sup> Dec 2025.



❖ IV Year AIML, CS, DS Eligible Students Silver sky Technology Physical On Campus Drive – 2026 Batch on 18<sup>th</sup> Dec 2025.



- ❖ IV Year AIML, CS, DS Eligible Students **Technoparin Soft Drive Physical On Campus Drive – 2026 Batch** on 20<sup>th</sup> Dec 2025.



- ❖ All the II B.Tech. Students are hereby informed that our department and Technoelite Club, is going to organize a one day seminar on "6-Day Hands-On Workshop on Python, NumPy & Pandas with EDA & Projects (Fynity Innovations)" on 15th to 19th December 2025.



### STUDENT FOCUS

#### NPTEL Course Details

Student Details	Title	Course Duration	No. of Students Completed
24 Batch II-I	Python for Data Science	12 weeks Program	15

### EXTRA CIRRCULAR ACTIVITIES

#### STUDENT ACHIEVEMENTS:-

- ❖ All Cream Batch Students got to Java Full Stack with AI & Mern Full Stack with AI Certificates.





❖ NEC students with faculty at WeXL centre Hyderabad participating in a workshop on 25<sup>th</sup> Sep 2025.

**WEXL CENTRE - HYDERBAD**



❖ II Year CSE (CS) Student & CSE (AI) Student has won the Batminton Game in Hindu College Fest.



❖ II Year CSE (CS) Student & CSE (AI) Student has won the Batminton Game in VRS College Fest.



### STUDENT'S VOICE:

As a Fourth year student. I would like to share my experience in Narasaraopeta Engineering College. Till now I had completed two semesters & participated so many competitions in & out of the campus, to improve my skills.

Our department faculty so supportive & encourage me to participate in various programs like Technical Quiz, paper Presentations & Cultural activities to eliminate stage fear. NEC College Provides Pradhan Mantri Yuva Yojana Programs for students to implement their ideas as an entrepreneurs.



**22471A4605**  
**B. Jagadeesh**