NARASARAOPETA ENGINEERING COLLEGE
(AUTONOMOUS)

Department of CSE (Cyber Security)
CYBERWATCH
EYES ON CYBER - MINDS ON SECURITY
JANUARY-2024 to JUNE-2024

VOLUME-1, ISSUE-1

EDITORIAL BOARD

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

EDITOR

P. MALLIKA, ASST.PROFESSOR

STUDENT COORDINATORS:

- ➢ **B. Sowmya - (22471A4607)**
- ➢ **Ch. Prasadu- (22471A4611)**
- ➢ **J. Aamuktha - (22471A4618)**
- ➢ **N. Pujitha - (22471A4633)**
- ➢ **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) - 50
- ➢ 2023 Batch (Lateral Entry) - 2

FACULTY FOCUS
INTERNATIONAL JOURNALS:

- ❖ Dr.V.V.A.S.Lakshmi, Dr. R. Satya, D. Murali Krishna Reddy, "Digital Incontrovertible Multi Level Key Set Based Node Authentication Model for Malicious Node Detection for Secure Data Transmission in WSN", International Journal of Safety and Security Engineering. Vol. 13, No. 6, December, 2023, pp. 1099-1108. Journal homepage: http://iieta.org/journals/ijsse.

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FDPS ATTENDED:

- P. Srinivasarao & G. Nageswararao has participated in 10hours **NFDP on Business Analytics** organized by AISSMS College of engineering on 5th to 9th Feb 2024.
- P. Srinivasarao, G. Nageswararao, N. Siva Rama Krishna & P. Mallika has Participated in 10hours **NFDP on Deep Learning and Artificial Intelligence** organized by **APSSDC** in Collaboration with ExcelR Edtech Pvt.Ltd on 26th Feb to 1st March 2024.
- P.Srinivasarao, P.Mallika, G.Nageswara Rao has been participated in the (NITTTR) AICTE Recognized **FDP on NSQL Aligned Skill Development.**
- P. Srinivasa Rao, G. Nageswara Rao, G. Mahesh Babu & P. Mallika are participated in 10 hours **NFDP on Data Analytics Using Power BI and Tableau** organized by Faculty of IT and CS-Parul University, Gujarat.
- G. Mahesh Babu has successfully participated and completed A Five Day **FDP on Principles of Machine Learning** from 25th to 30th April 2024.
- P. Srinivasarao, N. Siva Rama Krishna, G. Nageswara Rao, D. Sreekanth, P. Mallika & Ch. Sravan Kumar has participated in 10 hours **NFDP on "GenAI and Prompt Engineering using Microsoft Copilot"** organized by P B Siddhartha college of Arts & Science. Date: 15th to 19th April 2024.

FACULTY ACHIEVEMENT:

- P. Srinivasarao for successful completion of 30 hours live training program on **NLP, ChatGTP and Prompt Engineering** held form 18-12-2023 to 09-01-2024.

- P. Mallika has participated in Expert talk on "Financial Time Series Volatility Forecasting" organized by CSE, CBIT-HYD on 27th Jan 2024.

- G. Mahesh Babu - Wipro Certified Faculty in **.NET Full Stack.** & N. Siva Rama Krishna – **Wipro** Participated in Java Full Stack.

- Dr.VVAS Lakshmi, P. Srinivasarao, G. Mahesh Babu, G. Nageswararao, N. Siva Rama Krishna & P. Mallika has participated in one week online **NFDP on "Data Visualization Using Tableau"** conducted on 1st to 5th April, 2024 organized by Department of CSE MBU Tirupathi & EXCELR EDTECH PVT. LTD.

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- ❖ N. Siva Rama Krishna, P. Srinivasarao, G. Nageswara Rao, A. Papa Rao & Ch. Padma has successfully completed and received a passing grade in Machine Learning with Python: A Practical Introduction. A course of study offered by IBM, an online learning initiative of IBM.

- ❖ Dr. VVAS Lakshmi, P. Srinivasarao has successfully completed and received a passing grade in Data Analytics Basics for Everyone. A course of study offered by IBM, an online learning initiative of IBM.

- ❖ A. Papa Rao, Ch. Padma, D. Srikanth has successfully completed and received a passing grade in Introduction to Cloud Computing. A course of study offered by IBM, an online learning initiative of IBM.

- ❖ G. Mahesh Babu has successfully completed and received a passing grade in DevOps Basics for Everyone. A course of study offered by IBM, an online learning initiative of IBM.

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❖ Dr. V.V.A.S.Lakshmi, D. Sreekanth, P. Mallika & A. Paparao has attended Online 1 week training program on "Research Proposal Writing and AI Tools in Education and Research" sponsored by ISTE, New Delhi during 06/05/2024 to 11/05/2024 organized by dept of AI & DS at P.R.Pote Patil College, Amaravathi.

❖ Dr. V.V.A.S.Lakshmi for successfully completing MongoDB Atlas Administrator Path on 08/05/2024.

❖ P. Srinivasarao for successfully completing the course Programming in Java (Jan-Apr 2024).

❖ P. Srinivasarao, N. Siva Rama Krishna, G. Nageswara Rao, D. Sreekanth, P. Mallika & Ch. Sravan Kumar has participated in 10 hours NFDP on **"GenAI and Prompt Engineering using Microsoft Copilot"** organized by P B Siddhartha college of Arts & Science. Date: 15th to 19th April 2024.

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❖ Dr. V.V.A.S.Lakshmi for the successful completion of Introduction to Cyber Security & Cryptography Issued on 30/01/2024.
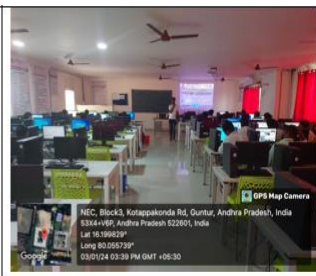

❖ N. Siva Rama Krishna, Ch. Padma & P. Mallika has been participated in 5 days International Faculty Development Program on Digital Marketing Organized by MIT Arts, Commerce & Science College.
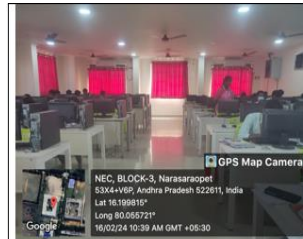

❖ Dr. V.V.A.S. Lakshmi, N. Siva Rama Krishna, P. Mallika, G.V. Neelimadhavi, M. Kishore Babu Ch. Padma, K. Mounika for the successful completion of one week FDP on "OBE & NEP 2020" during 10th to 14th June 2024, jointly organized by VIT- AP University, Amaravathi.

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WEBINARS , WORKSHOPS / TRAININGS PROGRAMS / OTHERS CONDUCTED

❖ One Week Workshop & Hackathon on "Cyber Security & Ethical Hacking" Dates: 03-01-2024 to 09-01-2024

❖ **APSCHE** Employability Profiling Test **CS-38** Dates: 15-02-2024 & 16-02-2024.

❖ A Guest Lecture on **"Build your first Generative AI Model" Mr Trivikrama,** association with AI-Master and IIT Delhi Alumnus (AIR 99) on 19-01-2024 **(CS-23)**

❖ One Day Workshop on **"Awareness program on Challenges in Innovation and Entrepreneurship"** by Dr.S.V.N.Srinivasu, IIC Convenor organized by Department of CSE (CS). Date: 13-02-2024.

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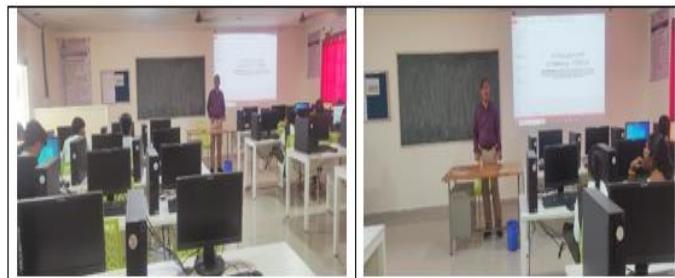### EYES ON CYBER - MINDS ON SECURITY
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❖ A Guest Lecture on **"Web Penetration Testing"** Mrs. V. Lakshmi Prathyusha, Product Security Manager, Bosch Global Software Technologies Pvt.Ltd, Hyderabad on 14-02-2024 **(CS-37)**

❖ **Bytexl CRT** Training for II-II B.Tech CSE-CS in Tech Hub. Schedule: **11th to 28thMarch, 2024**.

❖ A Guest Lecture on '**Intellectual Property Rights**' Dr. Aravind, Professor, Department of MBA on 24-04-2024 (CS-50)

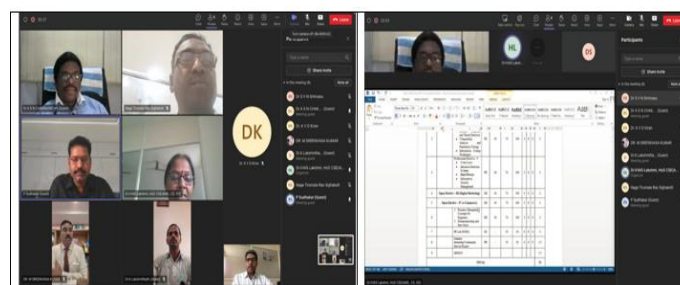❖ The department of CSE (CS) conducted a BoS meeting for approval of III & IV Year Syllabus of R20 regulations on 16-12-2023.

CSE (Cyber Security) BoS

STUDENT FOCUS

NPTEL Course Details

Student Details	Title	Course Duration	No. of Students Completed
II-II	The Joy of Computing Python	12 weeks Program	28

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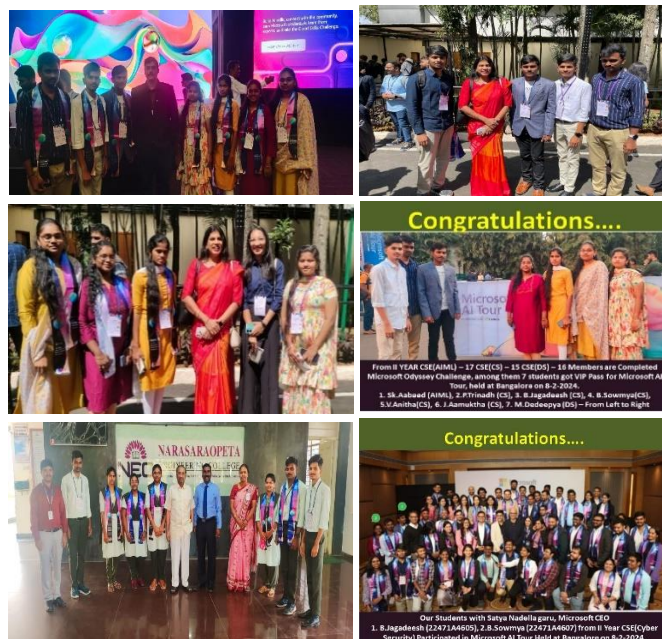## EXTRA CIRRCULAR ACTIVITIES

STUDENT ACHIEVEMENTS:-

❖ CSE - CS students had successfully completing the course of "The Joy of Computing using Python" Duration 12 Weeks (Jan-Apr 2024). NPTEL Online Certification.

❖ 2nd Year CS Student K. Pavan won the cricket match in Eswar Fest-2K24 conducted by Eswar College of Engineering on 23rd Feb, 2024.

MongoDB Course Certificates

❖ Microsoft AI Skills Challenge odyssey program has successfully completed by **45** students. **(AIML-16, CS-15, DS-14).** 7 Students got VIP Pass for attending Satya Nadendla's Program at Bangalore. **(AIML-1, CS-5, DS-1)**

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❖ 2nd Year CS Student Nandipati Pujitha for Successfully Completing an Internship Program on Python Development from 01-12-2023 to 31-12-2023 at TechnoHacks EduTech.

❖ 2nd Year CS Students L. Vasu, P. Trinadh, G. Ganesh, N. Pujitha, B. Sowmya, B. Jagadeesh & Ch. Prasadu are successfully completed Web Development Internship Program on 01-03-2024 to 01-04-2024 at Octanet Services Pvt.Ltd.

❖ L. Vasu Deva Siva Sai Subbarao GeeksforGeeks is delighted and excited to welcome you as a Campus Mantri of NEC Guntur.

❖ CSE-CS Inauguration of TechnoElite.

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❖ CSE- CS Department Association Inauguration.

Department Association Logos

❖ Class Review Conducted was meeting on 17-02-2024

CISCO CERTIFICATION

❖ **From our department 41 students have been successfully completed "Introduction to Cyber Security" Course offered by CISCO Networking Academy.**

SANKRANTHI SAMBARALU COMPETITIONS

BHOGI MANTALU

RANGOLI

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PAINTING & PHOTOGRAPHY PHOTOS

CSP BATCHES

Title: Cyber Crime
1. B. Koteswara Rao – 22471A4604
2. B. Sowmya – 22471A4607
3. J. Aamuktha – 22471A4618
4. K. Yamini Niharika – 22471A4627
5. V. Anitha – 22471A4650

Title: Awareness on Hotel Management
1. B. Sridevi – 22471A4603
2. K. Keerthika – 22471A4620

Title: Advantages And Disadvantages Of Mobile Phones
1. N. Pujitha – 22471A4633
2. T. Anusha – 22471A4644

Title: Smart Home Automation by Aiml with IoT
1. S. Pujitha – 22471A4642

Title: Tree Plantation
1. K. Pavan – 23475A4601

Title: Tree Plantation
1. Ch. Akhil – 22471A4608
2. K. Inak – 22471A4625

Title: Reducing the Death Rate of Farmers
1. K. Anusha– 22471A4624
2. K. Seetha – 22471A4628

Title: Digital Transaction
1. G.V.N.L.S. Satya Ganesh – 22471A4614
2. K. Siva Sankara Reddy – 22471A4629

Title: Digital Transaction
1. L. Vasudeva Siva Sai Subbarao – 22471A4630

Title: Education Using Smart Phone
1. Ch. Hari Prasanthi – 22471A4610
2. K.V.L.K. Poojitha – 22471A4621
3. S. Anusha – 22471A4640

Title: Road Transport
1. D. Ganesh Bharathvaj – 22471A4613

Title: Aquaculture
1. A. K. Manideep – 22471A4601
2. B. Jayanth – 22471A4606
3. Sk. Mohd. Khaleel – 22471A4641
4. U. Nithin – 22471A4647

Title: Agriculture Schemes
1. D. Brahmaji – 22471A4612
2. P. Chaitanya – 22471A4635
3. R. Manoj Kumar – 22471A4639
4. K. Ajay Kumar – 23475A4602

Title: Water Pollution
1. A. Siva Nagaraju– 22471A4602
2. B. Jagadeesh – 22471A4605
3. P. Trinadh – 22471A4637

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Title: Android Effect and Awareness
1. U. Srinivas – 22471A4645
2. U. V. Muneeswar Reddy – 22471A4646

Title: Digital Transaction
1. K. Praveen Kumar – 22471A4623

Title: Plantation
1. G. Venkateswarlu – 22471A4616
2. V. Hemanth – 22471A4649

Title: Services and Management of Hospital
1. N. Chandu Prasad – 22471A4632

Title: Plantation
1. P. Veeranjaneyulu – 22471A4636

Title: Tree Plantation
1. K. Sai Kumar – 22471A4626

Title: Agriculture Products
1. Ch. Samba Siva Rao – 22471A4609
2. K. Ajay Kumar Reddy – 22471A4622
3. S. Ramakrishna Reddy – 22471A4643
4. V. Rahul Babu – 22471A4648

Title: Water Pollution
1. P. Jagadeesh– 22471A4651

Title: Air Pollution
1. G. Krishna Vamsi – 22471A4615
2. I. Jay Charan – 22471A4617
3. J. Barzillai – 22471A4619
4. M. Ashok– 22471A4631

Title: Awareness on Mobile Usage
1. Ch. Prasadu– 22471A4611

Title: Air Pollution
1. R. Lekhya– 22471A4638

ACADEMIC TOPPERS:

❖ The following students are secured with highest marks in their respective semester results.

STUDENT'S VOICE:

As a second 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

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