VISION OF THE DEPARTMENT

To become a centre of excellence in nurturing the quality Computer Science & Engineering professionals embedded with software knowledge, aptitude for research and ethical values to cater to the needs of industry and society.

MISSION OF THE DEPARTMENT

M1: Mould the students to become Software Professionals, Researchers and Entrepreneurs by providing advanced laboratories.

M2: Impart high quality professional training to get expertize in modern software tools and technologies to cater to the real time requirements of the Industry.

M3: Inculcate team work and lifelong learning among students with a sense of societal and ethical responsibilities.

PROGRAM EDUCATIONAL OBJECTIVES (PEOs)

PEO 1 Apply the knowledge of Mathematics, Science and Engineering fundamentals to identify and solve Computer Science and Engineering problems.

PEO 2 Use various software tools and technologies to solve problems related to academia, industry and society.

PEO 3 Work with ethical and moral values in the multi-disciplinary teams and can communicate effectively among team members with continuous learning.

PEO 4 Pursue higher studies and develop their career in software industry.

PROGRAM SPECIFIC OUTCOMES (PSOs)

PSO 1 Apply mathematical and scientific skills in numerous areas of Computer Science and Engineering to design and develop software-based systems.

PSO 2 Acquaint module knowledge on emerging trends of modern era in Computer Science and Engineering.

PSO 3 Promote novel applications that meet the needs of entrepreneur, environmental and social issues.

PROGRAM OUTCOMES (POs)

Engineering Graduates will be able to:

PO1: **Engineering knowledge:** Apply the knowledge of mathematics, science, engineering fundamentals, and an engineering specialization to the solution of complex engineering problems.

PO2: **Problem analysis:** Identify, formulate, review research literature, and analyze complex engineering problems reaching substantiated conclusions using first principles of mathematics, natural sciences, and engineering sciences.

PO3: **Design/development of solutions:** Design solutions for complex engineering problems and design system components or processes that meet the specified needs with appropriate consideration for the public health and safety, and the cultural, societal, and environmental considerations.

PO4: **Conduct investigations of complex problems:** Use research-based knowledge and research methods including design of experiments, analysis and interpretation of data, and synthesis of the information to provide valid conclusions.

PO5: **Modern tool usage:** Create, select, and apply appropriate techniques, resources, and modern engineering and IT tools including prediction and modeling to complex engineering activities with an understanding of the limitations.

PO6: **The engineer and society:** Apply reasoning informed by the contextual knowledge to assess societal, health, safety, legal and cultural issues and the consequent responsibilities relevant to the professional engineering practice.

PO7: **Environment and sustainability:** Understand the impact of the professional engineering solutions in societal and environmental contexts, and demonstrate the knowledge of, and need for sustainable development.

PO8: **Ethics:** Apply ethical principles and commit to professional ethics and responsibilities and norms of the engineering practice.

PO9: **Individual and team work:** Function effectively as an individual, and as a member or leader in diverse teams, and in multidisciplinary settings.

PO10: **Communication:** Communicate effectively on complex engineering activities with the engineering community and with society at large, such as, being able to comprehend and write effective reports and design documentation, make effective presentations, and give and receive clear instructions.

PO11: **Project management and finance:** Demonstrate knowledge and understanding of the engineering and management principles and apply these to one's own work, as a member and leader in a team, to manage projects and in multidisciplinary environments.

PO12: **Life-long learning:** Recognize the need for, and have the preparation and ability to engage in independent and life-long learning in the broadest context of technological change.

> The first law of computer science: Every problem is solved by yet another indirection
>
> Bjarne Stroustrup

Vision

- To become a centre of excellence in nurturing the quality computer science & engineering professional embedded with software knowledge, aptitude for research and ethical values to cater to the needs of industry and society.

Mission

The department of computer science and engineering is committed to

- M1: Mould the students to become software Professionals, researchers and entrepreneurs by providing advanced laboratories.

- M2: Impart high quality professional training to get expertize in modern software tools and technologies to cater to the real time requirements of the industry.

- M3: Inculcate team work and lifelong learning among students with a sense of societal and ethical responsibilities.

Modern Trends in Technology Artificial Intelligence

Artificial Intelligence (AI) refers to the simulation of human intelligence processes by computer systems. These processes include learning (the acquisition of information and rules for using the information), reasoning (using rules to reach approximate or definite conclusions), and self-correction. AI encompasses a variety of techniques and approaches, including machine learning, natural language processing, computer vision, robotics, and expert systems, among others. The goal of AI is to create systems that can perform tasks that typically require human intelligence, such as understanding natural language, recognizing patterns, solving problems, and making decisions, albeit often faster and more accurately than humans.

Component	Description
Data Input	Collects and aggregates data from various sources such as sensors or databases.
Data Preprocessing	Cleans, filters, and transforms raw data into a suitable format for analysis.
Feature Extraction	Identifies and extracts relevant features from the preprocessed data.
Model Training	Uses machine learning algorithms to train models on labeled data.
Model Evaluation	Assess the performance and generalization capabilities of the trained model.
Inference	Utilizes the trained model to make predictions or decisions on new data.
Feedback Loop	Incorporates new data or user feedback to update and improve the model over time.
Decision Making	Processes the model's output to make decisions or take actions.
Integration	Facilitates communication between the AI system and external systems or devices.
Monitoring & Maintenance	Continuously monitors and maintains the AI system to ensure reliability.

This table provides a high-level overview of the key components involved in the architecture of artificial intelligence data.

Certainly! Here's a simplified flowchart representing the architecture of artificial intelligence data:
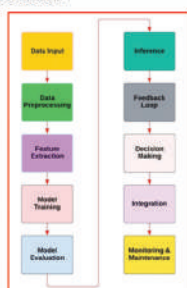
Advantages of Artificial Intelligence

Artificial Intelligence (AI) offers numerous advantages across various fields and industries. Some of the key advantages include:

1. Automation: AI enables the automation of repetitive tasks, allowing humans to focus on more creative and strategic activities. This leads to increased efficiency and productivity.

2. Accuracy: AI systems can perform tasks with a high degree of accuracy and precision, reducing errors and improving outcomes in various domains such as healthcare, finance, and manufacturing.

3. Speed: AI algorithms can process vast amounts of data and perform complex calculations much faster than humans, enabling real-time decision-making and analysis.

4. Scalability: AI systems can scale to handle large volumes of data and tasks without significant increases in cost or effort, making them suitable for handling growing demands and workloads.

5. Personalization : AI enables personalized experiences and recommendations by analyzing individual preferences, behaviours, and historical data, enhancing customer satisfaction and engagement.

6. Decision Support : AI provides valuable insights and predictive analytics that help businesses and organizations make informed decisions and strategize more effectively.

7. Innovation : AI fosters innovation by enabling the development of new products, services, and solutions across various industries, driving technological advancements and economic growth.

8. 24/7 Availability : AI-powered systems can operate continuously without the need for breaks, leading to round-the-clock availability and support in areas such as customer service and monitoring.

9. Risk Reduction : AI can help mitigate risks by identifying patterns, anomalies, and potential threats in data, enabling proactive risk management and mitigation strategies.

10. Accessibility : AI technologies can improve accessibility for individuals with disabilities by providing assistive technologies and adaptive interfaces that cater to diverse needs and preferences.

Overall, the advantages of AI are substantial and contribute to improvements in efficiency, productivity, decision-making, innovation, and customer satisfaction across various domains

Disadvantages of Artificial Intelligence

Intelligence (AI) offers numerous benefits, there are also several disadvantages and challenges associated with its adoption and implementation. Some of the key disadvantages include:

1. High Initial Costs : Developing and implementing AI systems can be expensive, requiring significant investments in infrastructure, technology, and talent. This can pose challenges for smaller organizations or those with limited resources.

2. Complexity and Lack of Transparency : AI algorithms can be highly complex and difficult to interpret, leading to a lack of transparency in decision-making processes. This opacity can raise concerns about accountability, fairness, and potential biases in AI-powered systems.

3. Data Privacy and Security Risks : AI relies heavily on data, and the collection, storage, and analysis of large datasets can pose privacy and security risks. Issues such as data breaches, unauthorized access, and misuse of personal information are significant concerns in AI applications.

4. Job Displacement and Economic Disruption : Automation driven by AI technologies has the potential to displace jobs and disrupt entire industries, leading to unemployment, income inequality, and socioeconomic challenges. Workers may require retraining or reskilling to adapt to the changing labor market.

5. Ethical and Legal Implications : AI raises complex ethical and legal questions related to accountability, privacy, discrimination, and autonomy. Issues such as algorithmic bias, unintended consequences, and the ethical use of AI in decision-making contexts require careful consideration and regulation.

6. Overreliance on Technology : Dependence on AI systems can lead to overreliance on technology, reducing human autonomy, critical thinking, and decision-making capabilities. Trusting AI systems blindly without human oversight can lead to unintended consequences or errors.

7. Lack of Generalization and Robustness : AI models trained on specific datasets may struggle to generalize to new or unseen data, leading to performance degradation or inaccuracies in real-world applications. Ensuring the robustness and reliability of AI systems across diverse contexts remains a significant challenge.

8. Environmental Impact : The computational resources required to train and deploy AI models can have a substantial environmental impact, contributing to energy consumption, carbon emissions, and electronic waste generation. Green AI initiatives and energy-efficient algorithms are being developed to address these concerns.

9. Social and Cultural Disruption : AI technologies can exacerbate existing societal challenges, such as privacy concerns, job displacement, and cultural shifts. Addressing these issues requires interdisciplinary collaboration and inclusive decision-making processes.

10. Malicious Use and Cyber security Threats : AI-powered technologies can be exploited for malicious purposes, including misinformation, cyber-attacks, and surveillance. Ensuring the security and integrity of AI systems is essential to mitigate these risks and safeguard against potential threats.

Overall, while AI offers significant potential benefits, addressing the associated disadvantages and challenges requires careful consideration, responsible deployment, and ongoing research and regulation.

Features of Artificial Intelligence

Artificial Intelligence (AI) encompasses a wide range of features and capabilities that enablemachines tomimic human-like intelligence and perform various tasks. Some key features of AI include:

1. Learning : AI systems can learn from data, experiences, and feedback to improve performance over time. This includes techniques such as machine learning, deep learning, and reinforcement learning.

2. Reasoning : AI can apply logic, rules, and algorithms to make decisions, solve problems, and draw conclusions based on available information.

3. Problem Solving : AI systems can analyze complex problems, break them down into smaller components, and develop strategies to find solutions or optimize outcomes.

4. Adaptability : AI exhibits adaptability by adjusting to changing environments, tasks, or requirements, and by learning from new experiences or information.

5. Perception : AI technologies can perceive and interpret sensory inputs such as images, speech, text, and sensor data, enabling capabilities like computer vision, natural language processing, and speech recognition.

6. Prediction : AI can analyze patterns, trends, and relationships in data to make predictions about future events, behaviours, or outcomes.

7. Automation : AI enables the automation of repetitive tasks, processes, and workflows, reducing manual effort and improving efficiency..

8. Creativity: Some AI systems exhibit creativity by generating novel ideas, solutions, or artworks, often through techniques like generative adversarial networks (GANs) and creative AI algorithms.

9. Interaction:AI systems can interact with humans and other machines through various interfaces such as voice commands, chatbots, virtual assistants, and human-robot interaction.

10. Autonomy:AI technologies can operate independently and make decisions without human intervention in certain contexts, such as autonomous vehicles, drones, and smart home devices.

11. Explain ability: Explainable AI (XAI) techniques aim to make AI systems more transparent and understandable, enabling users to interpret and trust the decisions made by AI algorithms.

12. Context Awareness:AI systems can understand and adapt to the context in which they operate, taking into account factors such as user preferences, location, time, and environmental conditions.

These features collectively enable AI to perform a wide range of tasks across various domains, from assisting in healthcare diagnosis and optimizing business operations to powering autonomous vehicles and enhancing entertainment experiences.

FACULTY FOCUS
Publications / Conferences / FDP:

Dr Soma Sekhar K has got certificate for successfully completing Artificial intelligence Foundation Certification on july 1st.by Infosys spring board,

MSuneethahasgotcertificatesforsuccessfully completing Artificial intelligence Foundation Certification on july 1st.by Infosys spring board,and another certificate of introduction to Data science by Infosys spring board.

VenkataraoMarellaandKarunakuamarandA Anusha has got certificate for successfully completing programming using JAVA Certificationonjuly2nd.byInfosysspringboard and another certificate in Data structers and algarithemsusingjavabyInfosysspringboard.

M.Venkata raohas got certificate for participated in one week FDP on "DESIGN THINGING AND INNOVATION" organized by IQAC & Dept of mechanical engg. Narasaraopeta engineering college. inassociationwithVITfrom18-06-2024to 22-06-2024.

SkRafihasgotcertificateforpartici-patedinone week FDP on "DESIGNTHINGINGAND INNO-VATION"organizedby IQAC & Dept of mechanical engineering, Narasaraopeta engineering college . in association with VIT from 18-06-2024 to 22-06-2024.

Karuna kumar has got certificates in Java foundation certificate

M Venkata rao has got certificates in Java foundation certificate

AAnushahasgotcertificateinbuildy-ourown static website from Nxtwave,

M.SatyamReddyhascompletedcer-tification programme on SOFT COMPUTING AND SIGNAL-PROCESSING(ICSCSP–2024) JUNE 21-22, 7thInternational Con-ference (an analysis on the capacity of the convolutional neutralnetwor-kandthecurrentneutralnetwork to identify vocalproblems.

M .Suneetha has completed certifi-cation programme on SOFT COM-PUTING AND SIGNAL PROCESSING (ICSCSP–2024) JUNE 21-22, 7thInternational Con-ference (an analysis on the capacity of the convolutional neutralnetwor-kandthecurrentneutralnetwork to identify vocalproblems.

Mr . Nukala Vijaya Kumar has successfully attended an online workshop session on Entrepre-neurship as career conducted on june 22,2024 conducted byEntre-preneurship developmentinstitu-teofindiaAHMEDABAD.

ANUSHA .A has completed on JAVA Foundationcertificationby-INFOSYSSPRING BOARD.

Dr.S.V.N Srinivasulu has success-fully completed and received a passing grade in CC0101EN:Intro-ductiontocloudComputinga course of study offered by IBM, an online learning initiative of IBM by issued may 7, 2024 .

DR.SomaSekherksuccessfully-completedArtificial Intelligence Foundation Certification on july 15, 2024 by Infosys spring board.

M.Mounika forsuccessfully completedMachine LearningFoundation Certification on july 9,2024 by Infosys spring board and another CertificationExplore Machine Learning using python on july 9 ,2024 by Infosys spring board.

M.Mounika for successfully completing Applied Generative AI Certification on July 21 2024 by Infosys spring board and Open AI Generative pre- trained Transformer 3 (GPT-3) for developers on July 6,2024 by Infosys spring board. And also completedIntroduc-tiontoOpenAIGPTmodelson July6th 2024,and also completed AI-first software Engineering on July 6th 2024.another certificate completed from Malaviya national indenture of technologyJaipur , India on 5th international conference on data science and Application s (ICDSA 2024).

completion of 30 hours Live Training Program on PYTHONPRO-GRAMMINGandSQLHeldFrom 27thNov 2023 to 15thDec2023 by EDL. Another participated in 10 Hours national Faculty Development Program on Deep Learning and – Artificial Intelligence Organized byAndhra Pradesh state skill Development Corporation (APSSDC) in Collaboration with EXCELER ED techpt.Ltd.Date: 26thFebto1thmarch2024.AND Anotherparticipated in 10 HoursnationalFaculty Development Program Data analytics using Power BI and Tableau organized by Faculty of IT and CS –Parul University-Gujarat, Atria Institute of Technology- Karnataka Amity Pune –Maharashtra inCollaborationwithExcelEdtechpvt.ltd. Date11thMarch to 15 March 2024.Another certificate to participated in the five daysnationalFaculty Development Program On "EXPLORING COMPITATIONALINTELLIGENCE(ONLINE)"

Organized bySchool of computer science and Engineering. VIT_AP University Amravati from 16thJuly 2024 to 20thJuly 2024.Another certificate for your contribution as a Technical Reviewer for 2024 SixthIEEESponsored International Conference on Electrical, computer and Communication Technologies (IEEE ICECCT 2024) held at Chhattisgarh Swami Vivekananda Technical University (CSVTU), Bhilai,Chhattisgarh,Indiaduring26-28,June 2024.The conference has been organized by the IEEE Student Branch of CSVTU and Technically Co-Sponsored by IEEE Madhya Pradesh section.

🔵 T G Ramnadh Babu got certificate for successfully completing the course Introduction to Artificial Intelligence on July 24 ,2024 by Infosys spring board.

Satheeshkumar R completed certificate for successfullycompletingthecourseIntroductionto Machine Learningon July 17, 2024 by Infosys springboard.

🔵 Yaragani Neelima has got certification of participation on completing the workshop on "Knumbu Use Awareness Training Session" organized by Narasaraopeta Engineering College on 4th July 2024.

🔵 _APUniversity,Amaravathi.Anothercertificatefor Active and Invaluable participation of during the conduct of five day online FacultyDevelopment Program on the "EXPLORE INNOVATIVE TRENDSINMACHINELEANINGANDDEEP

LEARNING" held on 10th-14thJune 2024 , Organized by Department of CSE –Artificial Intelligence & Machine LearningLakireddy BaliReddy-CollegeofEngineering(A),Mylavaram

,NTR (Dist.)-521 230,Andra Pradesh. Another certificate has attended one –week online FDP on "Distributed Larger Technologies ", organized by Department of Artificial Intelligence & Data science,Dr. Dmodefrom4thDecember2023to11thDecember 2023.And another certificate has successfully participated in the five Days National Level Faculty Development program on "EXPLORING COMPUTATIONAL INTELLIGENCE"OrganizedbySCOPE,VIT–AP University, amaravathi,From 16-07-2024 to 20-07- 2024. And another certificate for successfully

🔵 Dr. R. Satheeskumar , Dr .M.Seerisha, M.Suneetha, Narasaraopeta Engineering College has successfully participated in the Five Days National Faculty Development Progrmme On "EXPLORING COMPUTATIONAL INTELLIGENCE(ONLINE)" Organized bySchool of computer science and Engineering. VIT_AP University Amaravathi from 16thJuly 2024 to 20thJuly2024.

A.Anusha on successfully completing the course, BUILD YOUR OWN RESPONSIVE WEBSITE Technologies Covered Bootstrap,Flexbox issue Date: July 31,2024.
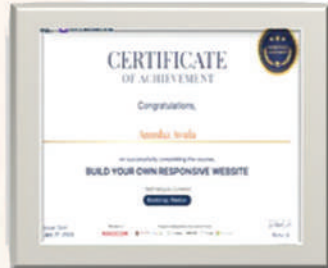
G.Saranya on successfully completing Machine Learning Foundation Certification on July 29,2024 by Infosys Spring board.

SK.RAFI,M.Suneetha got certifcication for actively participating on Faculty Enablement Program On Artificial Inttelligence conducted from June 24,2024 to June 28,2024 by Infosys Springboard.

M.SampathKumar for successfully completing the course Introduction to Artificial Intelligence conducted from July 24,2024 by Infosys Springboard.Another certificate Programming In C on July 15,2024 byInfosys Springboard. Another certificate Narasaraopeta Engineering College has successfully participated in the Five Days National Faculty Development Programme On "EXPLORING COMPUTATIONAL INTELLIGENCE(ONLINE)" Organized bySchool of computer science and Engineering. VIT_AP University Amaravathi from 16th July 2024 to 20th July2024.

M.Venkata Raofor actively participating on Faculty Enablement Program On Java Programming conducted from July 1,2024 to July 5,2024 byInfosys Spring-board.

K.V.NarasimhaReddyfor successfully completing the course Introduction to Agile Methodology on August5,2024byInfosys Springboard.

N.Vijay Kumar In recognition of successfully completing a one week International Faculty Development Progrmme On"AI Sustainable Development" from 5th August 2024 to 9th August 2024, organized by VIIT,pune, IEEE Region 10 Humanitarian Technology activities ,IEEE Pune section, IEEE pune section SIGHT group, IEEE Pune section SIG on "Energy and Environmental Engineering "and IEEE VIIT Student Branch.

K.V.Narasimha Reddy, T.G.Ramnadh Babu, M.sathyam Reddy, M. Sampath Kumar, M.Suneetha,Ch.rajani,M.MounikaParticipatedin

10 Huors International FacultyDevelopment Progrmme on AI And Gen AI With Industry Application organized by MIT Acadamyof Engineering(MITACE)Autonmous-Maharastra.The National Institute ofEngineering –MYSURE. Narasaraopeta Engineering College Autonmous- Andhra Pradesh. MatrusriEngineering College Autonmous-Telanganain Collabration with ExceLR Edtech pvt ltd. On 16th July to 22nd July 2024.

Conference Partification Certificates on 13-14 March2024 ByS.N. TirumalaRao, K.V.Narasimha Reddy, S.V.N.Srinivasulu,N.VijayKumar,D.VenkataReddy, M.Sireesha, M.Venkata Rao, G.Saranya.

DEPARTMENT OF
COMPUTER SCIENCE & ENGINEERING

Innovation is our tradition

R. Sathees Kumar got certified Introduction to Deep Learning on August1, 2024 by Infosys Springboard.

M. SureshgotcertifiedDeepLearning With Python on August 1, 2024 by Infosys Springboard.

Dr.E.Rama Krishna got certified has attenda two- day FDP on "Deep Learning and IOT Technologies in precision Healthcare" during 16th and17th August 2024 by Kongu Engineering college (Autonomous) and another certificate has participated in the Five Days FDP on "Exploring MachineLearningCyberSecurity:ToolsandTrends " organized by the Department of Computer Scienceand Engineering,Sri Venkateswara College ofEngineering from 05-08-2024 to 09-08-2024.

Mr. DODDA VENKATA REDDY NARASARAOPETA ENGI-NEERING COLLEGE has actively participated in the 5-day Online Faculty Development Program on "AI and IoT for Agriculture and-HealthCareApplications",orga-nized by the Department of ECE, Chaitanya Bharathi Institute of Technology, Hyderabad inassocia-tion with theCentre for Training and Learning, National Institute of Technology Warangal, during 23rd - 27th of July, 2024.

Dr S V N Srinivasulu got certified has successfullycompleted the one –week National Level Faculty Development Program(FDP) on "Generative AI and Advanced Toolsfor Academic Research", heldfromAugust26toSeptember01 ,2024,by SCROLLWELL.

Dr. k. Suresh Babu has undergone Innovation Ambassador (IA) training "Foundation Level"(Total 16 Sessions of 30 contact hours) conducted in online mode byMoE's Innovation Cell & AICTE during the IIc calendar-year from 01-09-2024.

Dr.M.Sireesha, Dr.K.Suresh Babu and N.Vijay Kumar have partici-pated in 10 hours International FacultyDevelopment Program onMachineLearningandArtificialIntelligence organized by pimpri chinchwad College of EngineeringandResearch,Ravet,Pune– Maha-rastra, Sri Venkateswara Degree College, Kadapa – Andra Pradesh , SJB Institute of Technology , Bangalore – Karnataka and sri Indu PG College, Hydarabad – Telengana in Collaboration with EXceIREdtechPVT.Ltdfrom 12th AUG to 19th 2024.

K.V.Narasimha Reddy had patici-patedin the International Confer-ence on Intelligent Algarithams for Computational Intelligence Systems(IACIS) organized by NNavks College of Engineering, Hassan(NECH),23rd   -24th August 2024,entitled as "ResNet-CNN Model for Plant Disease Classification for E-Agriculture Applications".

M.Sampath Kumar has partici-pated in3rd International Confer-ence for Advancement in Technology (ICONAT) during 13th to 15th September 2024, entitled as "An Interactive Health-care Recommendation System Using Big Data Analytics".

K.V.Narasimha ReddyandT.G.RamanadBabu haveparticipatedinat-thefirstinternational   conferenceonAdvancementsinSustainable Energy,Materials &Manufacturing Technology (ICASMMT2024) during13th&14thSeptember, Technology,Hyderabad,telangana,India. 2024 organizedbytheDepartmentofMechanical Engineering,MLRIn-stituteofTechnology, Hyderabad,Telangana,India.

A.Ramesh Babu, M.Venkata Rao have participated in NPTEL-AICTE Faculty Development Program in data base management system by Jul-sep 2024.

E.RamaKrishnahasparticipatedinElite NPTEL inIntroductiontoMachineLearningbyJul-Sep-2024.

K.Suresh Babu, E.Rama Krishna have participated in 6th International-Conferenceon Advances in Electrical and Computer Technologies 26-27, Sep 2024 Tiruchengode, Tamilnadu,India .The Conference has been organized in ONLINE MODE.

SHAIKRAFI had participated in 9th International Conferenceon IoT & ConnectedTechnologies ICIoTCT 2024,and his "Multimodal Multi Objective Grey Wolf Optimization with SVM and Random Forest as Classifier Selection" held at National Institute of technology Mizoram, Aizawl,Mizoramfrom27thSep2024.

Dr. R. Sateesh Kumar, Dr.K.Suresh Babu, Dr.E.RamaKrishna,V. KarunaKumar,CH.Rajini, M.Koteshwara Rao, A.Ramesh Babu, D.Sunil have participated in the one week International Faculty Development Program on "Cutting –Edge Technologies in Computer Science" during 23-09-2024 to 29-09-2024.

D.Venkata Reddy,M.Mounika Naga Bhavani have participated in Sixth International Conference on Advances in Electrical and Computer Technologies 2024 (ICAECT2024) during26-27,September 2024.ICAECT 2024 is jointly organized by the Sengunthar Engineering College (AUTONOMOUS), Tiruchengode, Tamilnadu, India.

Dr SVN Srinivasulu has successfulcompleting the coursePython forData Science byNPTEL, during Jul-Aug 2024.

M.Sampath Kumar has participated in One Week Faculty Development Program on Planning Execution and Evaluation of Project Work Conducted by AICTE Recognized from 09-09-2024 to 13-09-2024.

S.N.Tirumala Rao had participated in 3rdInternational Conference on Optimization Techniques in the Field of Engineering (ICOFE- 2024) Organized by K. S.R College of Engineering Namakkal, Tamil Nadu,India on 22&23 October 2024

- ShaikRafihadparticipatedin4thIEEEInternational Conference on Artificial Intelligence and Signal Processing(AISP)-2024) Organized by the School of Electronics Engineering ,VIT-AP University,Amaravathi held between 26th-28thOctober 2024.

- Dr.RSatheesKumargotCertificateofRegistration for a UK Design . The design of which a representation or Specimen is attached On 22 Oct 2024 to 29 Aug 2024.

- Dr. S V N Srinivasu had participated in 4th IEEE International Conference on Artificial Intelligenceand-Signalproccessing(AISP'24) organizedby the school of Eltronics Engineering VIT- AP University , Amaravathi held between 26th -28th October 2024.

- Dr. R. SatheesKumar had participated in 6thInternational Conference on Communication and Intelligent Systems (ICCIS 2024) Organized by Maulana Azad National Institute of Technology (manit),Bhopal,IndiaTecnically-SponseredbySoft Computing Research Society November 08- 09, 2024.

- V.Karuna Kumar had participated in 5 Days International Faculty Development Program on Gen-AI and Prompt Engineering Using Microsoft Co-Pilot organizedby BNM Institute ofTechnologyBangalore(BNMIT)-Karnatakain Collaboration with EXceLR Edtech pvt. Ltd. Date: 16th Sep to 20th Sep 2024.

- G.Seranyahad participated in 2024 First International Conference on Innovations in Communications, Electrical and Computer Engineering (ICICEC 2024) held at Bapuji InstituteofEngineeringandTechnology(BIET), davangere, Karnataka, India during 24-25, October 2024.

- V.Karuna Kumarhad participated in 2024 First International Conference on Innovations in Communications, Electrical and Computer Engineering (ICICEC 2024) held at Bapuji InstituteofEngineeringandTechnology(BIET), davangere, Karnataka, India during 24-25, October 2024.

- Dr. M Sireesha had participated in 2024 First International Conference on Innovations in Communications, Electrical and Computer Engineering(ICICEC2024)during24-25,October 2024 Davangere, Karnataka, India. Another Certificateparticipated in 3rd International ConferenceonAdvancesinData-drivenComputing and Intelligent Systems (ADCIS 2024) organized by BITS pilani, K Birla, Goa Campus, India. Technically Sponsored by Soft Computing Research Society during September 20-21, 2024.

- Dr. M Sireesha has presented the paper titled Prediction of Employee Attrition using Machine Learning Algorithms authored by Ch.V.Satyanarayana, Dr.SNTirumalaRao,SirishaM-outhri, M.Sathyam Reddy, Sneha Ananya Mallipeddi, Sandeep Mal - lipeddi in the 3rdInternational Conference on Advances in Data-drivenComputingandIntelligentSystems(ADCIS 2024) organized by BITS pilani, K K Birla, Goa Campus, India. Technically Sponsored by Soft ComputingResearchSocietyduringSeptember20- 21, 2024.

Dr. M Sireeshahas presented the paper titled OptimizingThyroid-DiseaseDiagnosis Through Machine Learning Algorithms authored by Ch.V.Satyanarayana, Dr.SNTirumalaRao,SirishaM-outhri, Rama Krishna Eluri, Sneha Ananya Mallipeddi, Sandeep Mallipeddi in the 3rd International Conference on Advances in Data- drivenComputingand-IntelligentSystems(ADCIS 2024) organized by BITS pilani, K K Birla, Goa Campus, India. Technically Sponsored by Soft ComputingResearchSocietyduringSeptember20- 21, 2024.

- M.MounikaNagaBhavanihapre-sentedthepaper titled Automated Bird Species Recognition: Harnessing Deep Leaning based Xception Architecture authored by M. Mounika Naga Bhavani Sireesha Moturi, Rama Krishna Eluri Dr. S N Tirumala Rao, in the

3rdInternational ConferenceonAdvancesinData-drivenComputing and Intelligent Systems (ADCIS 2024) organized by BITS pilani, K K Birla, Goa Campus, India. Technically Sponsored by Soft Computing Research Society during September 20-21, 2024.

- Yuva Sravani Manepalli has presented the paper titled DeepWaveMRI:EarlyAlzheimer's Detection authored by Sireesha Moturi, Yuva Sravani Manepalli Venkata Rao Marella, Priyanka Pulivarthi, Sirisha Gogada, M. Mounika NagaBhavani, in the 6thInternational Conference on Communication and Intelligent Systems (ICCIS 2024) held during November 08-09, 2024.

- P. Ujwla Devi has presented the paper titled Integrating CNN, LSTM with DenseNet201 for Efficient Real-Time Plant Disease Detection authored by S. N. Tirumala Rao, P.Ujwala Devi Venkata Rao Marella, R. Nandini, S. Vasantha, D. Venkata Reddy, in the 6th International Conference on Communication and Intelligent Systems (ICCIS 2024) held during November 08-09, 2024.

- Gudipudi Sony has presented the paper titled Skin Disease Identification authored by MotheSuneetha, SireeshaMoturi, Sighakolli, S. N. Tirumala Rao, Gudipudi Sony, Tummalapenta Vineesha, Gade Salini in the 6th International Conference on Communication and Intelligent Systems (ICCIS 2024) held during November 08- 09, 2024.

- Gattu Thanuja has presented the paper titled Enhancing Cloud Security with Deep Learning–An ANN Approach for Cyber Threat Detection authored by MotheSatyam Reddy, Gattu Thanuja, Bojja Sobharani, Thalapaneni Suma Durga, DoddaVenkata Reddy, Sireesha Moturiin the 6th International Conference on Communication and Intelligent Systems (ICCIS 2024) held during November 08-09, 2024.

- Teja Sri Vankayala has presented the paper titled Enhanced Optimized CNN Based Automated Diabetic Retinopathy Detection authored by Sireesha Moturi. Teja Sri Vankayala M.MounikaNaga Bhavani, EswarKalyani Karna, Venkayamma Akkapalli, K.V Narasimha Reddyin the 6th International Conference on Communication and Intelligent Systems (ICCIS 2024) held during November 08-09, 2024.

- Vulleru Swamulu has presented the paper titled Heart Disease: A Comprehensive Evolutionof MachineLearningAlgorithmsauthoredby Vulluri SwamuluSireesha Moturi, S.N.TirumalaRao M. Mounika Naga Bhavani, in the 3rd International ConferenceonAdvancesinData-driven Computing and Intelligent Systems (ADCIS 2024) organized by BITS pilani, K K Birla, Goa Campus, India. Technically Sponsored by Soft Computing Research Society during September 20-21, 2024.

- Kandi Venkata Narasimha Reddy had successfully completing the course Introduction to Algorithms and Analysis by NPTEL, during Jul-Oct 2024.

- T.G Ramanadh Babu had successfully completing thecourseIntroductiontoAlgorithmsandAnalysis by NPTEL, during Jul-Oct 2024.

- M.Mounika Naga Bhavani had successfully completing the course Introduction to Algorithms and Analysis by NPTEL, during Jul-Oct 2024.

- DrSNTirumalaraoforsuccessfullycompletingthe course Machine Learning and Deep Learning – Fundamentals and Applications by NPTL.Another Certificate for successfully completing the course Deep Learning by NPTEL.

- Dr M Sireesha for successfully completing the course Machine Learning and Deep Learning – Fundamentals and Applications by NPTEL. AnotherCertificateforsuccessfully completing the course Deep Learning by NPTEL. Another certificate participated in 4thInternational Conference on Intelligent Vision and Computing (ICIVC2024) to be held during November 23-24, 2024.

- Dr K Suresh Babu, G Saranya and Y Chandhana have participated in 2024 First IEEE International Conference for WOMEN IN COMPUTING (INCOWOCO 2024)held at Symbiosis Institute of Computer Studies and Research (SICSR), Symbiosis International (Deemed University), Pune, Maharashtra, India during 14-15, November 2024.

- Dr Siva Nageswara Rao S, Shaik Khaja Mohiddin Basha have successfully completing the course Stress Management by NPTEL.

- ShaikRafihasparticipatedasaReviewerinthepeer review process of manuscripts submitted to "IEEE SILCON 2024", the flagship conference of IEEE silcher subsection, held at National Institute of Technology Agartala, Tripura, India during November 15-17, 2024.

- Y Chandana V Karuna Kumar have successfully completing the course Operating System Fundamentals by NPTEL.

- Y. Neelima for successfully completin gthe course Introduction to Internet of Things by NPTEL.

DrSighakollaNagaTirumalaRaohaspresented thepaperattheSecond-International Conference on Advanced Computing ,Machine Learning , Robotics and Internet Technologies (AMRIT- 2024),organized in hybridmode byt he Department of Computer Science & eng - ineering and Department of Electrical engineering, National Institu-teofTechnologyAgartalaTripura,during8- 9,2024.

- Sireesha Moturihas presented the paper titled Enhanced Classification and Detection of Brain Tumer using Hybrid Deep Learning and Machine Learning Models authored by Sireesha Moturi, Divvela Bala Sri Abhigna, Shaik Sameera, Chinnam Hariniin the IInd International Conference on Advanced Computing, Machine Learning ,Robotics and Internet Technologies (AMRIT-2024) organized hybrid mode by the Department of Computer Science & engineering andDepartmentof-Electricalengineering,National InstituteofTechnologyAgartalaTri-pura,during8- 9,2024.

Shaik Khaja Mahiddin Bashahas presented the papertitledStroke-DetectionUsingNeuroimagesA Genetic Algorithm-Enhanced Bidirectional LSTM Approach authored by Shaik Khaja Mahid-dinBasha, Katari venkata Siva Rama Krishna, Manikanta Challa, Akhil Thaninki, SyedRIZWANA, Sireesha Moturiin the IInd InternationalConferenceonAdvancedComputing,Machine Learning , Robotics and Internet Technologies (AMRIT-2024) organized hybrid mode by the Department of Computer Science & engineering andDepartment of Electrical engineering, National Institute of Technology Agartala Tripura, during 8-9,2024.

- Sannithi Bhavani has presented the paper titled Towads High –Through put Medical Image AnalysiswithQuantumImage-Processing authored by YaminiChandana,SannithiBha-vani,Karasala Deepika,Kolla Tejaswini, Suresh Kunda in the IInd International Conference on Advanced computing, Machine Learning ,Robotics and Internet Technologies (AMRIT-2024) organized hybrid mode by the Department of Computer Science & engineering andDepartment of Electrical engineering, National Institute of Technology Agartala Tripura, during 8-9,2024.

Dr. S N TirumalaRao,Shaik Khaja Mahiddin Basha,T.G Ramnadh Babu,Ch.Rajani, M.Mounika naga Bhavani have Presented Paper entitled Transfer Learning for Efficient and Accurate Image Forgery Detection For IInd IEEE Interna - tional Conference on Integrated intelligence and Communication Systems (ICIICS-2024) organized by Shambasva University, Kala-buragi, 22-23 November, 2024.

- Dr. Soma Sekhar Kollisetty for successfully completing the Course Programming in Java by NPTEL

- Dr SatheesKumar R, Ch. Rajani have successfully completingthe Course Programming in Cby NPTEL.

- Dr SatheesKumar R had participated in 2024 First International Conference on Innovations in Communications, Electrical and Computer Engineering (ICICEC2024) during 24-25, October 2024 Davangere, Karnataka, India.

DR. Sireesha Mhad participating 5th Congresson Intelligent Systems (CIS2024) during September 04-05, 2024.

- T.GRamnadh Babu for successfully-completing the Course Fundamentals of Cryptography on November 26, 2024.

- M.Mounika Naga Bhavani, successfully completed Database Management system from INFOSYS SPRING BOARD on November 26, 2024. Another certificate for demonstrating competence in the completion of Getting Started with AI on Jetson Nane during Nov 22, 2024.

DrMSireesha, Y.Nelimanaveparticipatedin2024 First IEEE International Conference for WOMEN INCOMPUTING(INCOWOCO2024)held at Symbiosis Institute of Computer Studies and Research (SICSR), Symbiosis International (Deemed University), Pune, Maharashtra, India during 14-15, November 2024.

- BestPaperAwardPresentedtoKSureshBabu,P Mahesh babu, M Aswini Duth, G L V Prakash, T Naveen Satya, Shaik Khaja Mahiddin Basha, MSireeshahave participated in IInd International Conference on Algorithms in Advanced Artificial Intelligence ICAAAI_2024. For paper titled Web- Based Early Stroke Detection: a Machine Learning Approach with Explainable Insights during 4-6 December 2024.

- DR.KSureshBabugotCertificateofAppreciation inrecognitionofanoutstandingcontributioninpre-Reviewing the papers submitted to 2024 – IEEE International Conference on Intelligent Systems, Smart and Green Technologies (ICISSGT-2024) held on 2ndand 3rdNovember, 2024 organized by IEEEVizagBaySectionatDR.YVSMurthyAuditorium, Andra University, Visakhapatnam, India.

M Koteswara Rao has actively Participated in the International Webinar on "Emerging Trends In Shaping the Future of Business and Technology" organized by Department of commerce with Computer Applications on 04-12-2024.

- M Suneethaforsuccessfully completing thecourse CyberSecurityandprivacybyNPTEL.Andanother Certificate has paper entitled Beyond Deep Features: fusing deep Learning with local textures for enhanced plant disease classification for IInd InternationalConferenceon integrated Intelligence and Communication Systems (ICIICS_2024) Organized by Sharnbasva University, Kalaburgi, 22-23 November, 2024.

- N Vijay Kumar for successfully completing the courseIntroduction-toAlgorithmsandAnalysisby NPTEL, during Jul-Oct 2024.

- M Satyam Reddy, M Suneetha, Y Chandana, G Seranya, M Mounika Naga Bhavani have participated in 5 Days Faculty Development Program on Cloud Computing Architect Jointly Organized by Vardhana Engineering College, Shamshabad_Hyderabad in Collaboration with ExcelREdtechPvt.ltd.During18thNovto22ndNov 2024.

- Naga Thirumala Rao Sighakolli from Narasaraopeta Engineering College has successfully presented a paper entitled Classification of Coffee Disease: A Systematized Approach BasedonChronicity and Transfer Learning in 2nd IEEEInternationalConferenceon Artificial Intelligence Trends and Pattern Recognition 2024, organizedby Vardhaman College of Engineering, Hyderabad held during 6 - 8 December 2024.

- Dr Sireesha M as a program Committee Member andreviewer in the 3rdCongress on Smart Computing-Technologies(CSCT2024)tobeheld during 14-15 December, 2024.

- Dr K Suresh Babu, Dr E Rama Krishna have participated in 2024 First IEEE International Conference for WOMEN IN COMPUTING (INCOWOCO 2024)held at Symbiosis Institute of Computer Studies and Research (SICSR), Symbiosis International (Deemed University), Pune, Maharashtra, India during 14-15, November 2024.

- Dr E Rama Krishna , Dr R Sathees Kumar, K V Narasimha Reddy Have Participated in 11th IEEE up Section International Conference on Electrical, Electronics and Computer Engineerin (UPCON_2024) 29th November-01st December 2024. Ramswaroop Memorial College of Engineering and Management, Lucknow, U.P, India.

- Dr M Sireesha Mouthri, G Seranyahave presented a paper entitled Thyroid Disease Identification using Machine Learning2nd International Conference on ALGORITHMS IN ADVANCED ARTIFICIALINTELLIGENCE(ICAAAI-2024)Organized by Department of Computer Science and Engineering, S.R.K.R. Engineering College(A), Bhimavaram, Andhra Pradesh from 4thto 6th December 2024.

- Dr M Sireesha Mouthri has presented a paper entitled Next-Gen Attendance System and Web-Based Early Stoke Detection: Approach with Explainable Insights using Machine Learning 2nd International Conference on ALGORITHMS IN ADVANCE-DRTIFICIALINTELLIGENCE (ICAAAI-2024) Organized by - DepartmentofComputerScience and Engineering, S.R.K.R. Engineering College(A),Bhimavaram, Andhra Pradeshfrom4th to 6thDecember 2024.

DrMSireeshaMouthri, KSureshBabuShaikKhaja BashahavepresentedapaperentitledWeb-Based Early Stoke Detection: Approach with Explainable Insights using Machine Learning 2nd International Conference on ALGORITHMS IN ADVANCED ARTIFICIAL INTELLIGENCE (ICAAAI-2024) Organized by Department of Computer Science and Engineering, S.R.K.R. Engineering College (A), Bhimavaram, Andhra Pradesh from 4thto 6th December 2024.

M Koteswara Rao has Successfully Completed the Course Basics of Python and Programming Fundamentals using Python-part 1during December 12, 2024.

ARameshhasSuccessfullyCompletedtheCourse BasicsofPythonand ProgrammingFundamentals using Python-part 1, part 2 during December 12,

2024.

MMounikahasSuccessfullyCompletedtheCourse Data Base Management System —Science Graduates during November 26 2024.

N Vijay Kumar has participated in two day online workshop on Supercomputing Organized by GLBCRI and Department of CSE (AIML) in collaborationwithU-PLC,Gov.of UP,from28th Nov - 29th Nov 2024.

Dr S V N Srinivasu has presented a paper entitled Next-Gen Attendance System in 2nd International Conference on ALGORITHMS IN ADVANCED ARTIFICIALINTELLIGENCE (ICAAAI-2024) Organized by Department of Computer Science and Engineering, S.R.K.R. Engineering College (A), Bhimavaram, Andhra Pradesh from 4thto 6th December 2024.

DrKSureshBabuaffiliatedhaspresentedthepaper titled "A novel CNN architecture for COVID-19 prediction using chest X-ray imaging" at the 1stInternational Conference on Emerging Technologies in Electronics and Communication Engineering (ICETE-2024) held during 13-14 December 2024 at ChaitanyaBharathi Institute of Technology, Hyderabad, India.

Dr R SatheesKumar Paper Titled AI-driven diagnosticsandpersonalizedtreatmentplanningin Oraloncology:Innovationsandfuturedirections.In 13 December 2024.

DEPARTMENTAL ACTIVITIES:
Workshops/Seminars/Industrialvisits/ Webinars:

HACKATHON IN JAVA LINKED LIST

(leetcode problem solving) by lara technologies, Bangalore conducted in Narasarao pet engineering college on 19th to 20thJuly 2024organised by Department of of computer science and engineering in Association with CSI ,ACM&IIC.

DEPARTMENT OF
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● AIANDGEN AI WITH INDUSTRY APPLICATION From 16th July 2024 to 20th July 2024 By EXCELLER

● Infosysspring Board Training forI IIrd CSEA&B 22nd to 26th July 2024.

● EssayWriting Competition on behalfof Independence Day.

● Our Third year student developed a student attendance(phonecallapp). TodayOurHod sir and Principal sir launched the app.

● 78th Independence Day Celebrations organizedby Departmentof Computer Science and Engineering on 15-08-2024.

● A One Week Workshop on DEVOPS AND ITS TOOLS 22 to 29th August, 2024 DET Association With SVSRIT Solutions,Hyderabad-Organizedby EF Resource Person G.V.Subba Reddy Senior Technical Architect, VIRITS Hyderabad DEPARTMENT OFCOMPUTER SCIENCEAND ENGINEERING.

● Times Business Exllence Award2024

● Best Teachers day awards

● csp projectexpo

● A One Week Workshop on Android App DevelopmentUsingKOTLIN(part-2)from9thto 14th September , 2024 . Organizedby IQAC& Department of Computer Science and EngineeringInAssociationwithCSI,ACM,ISTE & IIC.

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2 Days Accenture Placement Drive

ISOEXTERNAL AUDIT

- A 18 days workshop on Finishing school for Employability organized by Department of Computer Science & Engineering in association withICTAcademyInfosysFoundationduring7thto 24thDecember, 2024.
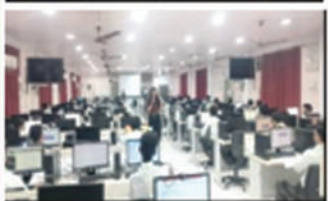

- APXORDriveconductedforIII-B.Techstudentson 09-12-24. 210 students attended to this drive
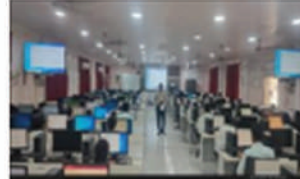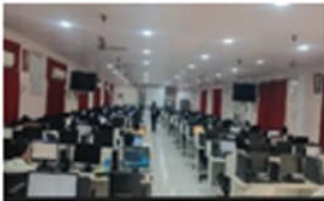
- JUSPAY Drive conducted for IV-B.Tech students on 12-12-24. 195 students attended to this drive.

- ALL II Year CSE Students Conducted on 14-12- 2024 ByteXL Grand Test.

- A Two Week Work Shop on INNOVATIVE WEB DESIGN USING REACT JS Organized by Department of Computer Science and Engineering during 26th Dec,2024 to 10thJan ,2025.

- IV-B.TechProjectReview-1isconductedon27th to 28th, December 2024.

Quality is more important than quantity- Steve Jobs

STUDENTCERTIFICATIONS/ PARTICIPATIONSIN WORKSHOPS / CONFERENCES/NSSPROGRAMS:

CO-CURRICULARACTIVITIES:

Thumutejaswinirollnumber21471A05L0studying B.Tech from NARASARAOPETA ENGINEERING COLLEGE of CSE Department has participated in "SPECATHON-2024" a 36 Hrs National Level Hackthon conducted by Department of CSM- GRADIENT CLUB held on 20th& 21stSeptember- 2024.

SHAIKHAFIJArollnumber21471A05C0studying B.Tech from NARASARAOPETA ENGINEERING COLLEGE of CSE Department has participated in "SPECATHON-2024" a 36 Hrs National Level Hackthon conducted by Department of CSM- GRADIENT CLUB held on 20th& 21stSeptember- 2024.

SYED RIZWANA roll number 21471A05D1 studying B.Tech from NARASARAOPETA ENGINEERING COLLEGE of CSE Department has participated in "SPECATHON-2024" a 36 Hrs National Level Hackthon conducted by Department of CSM- GRADIENT CLUB held on 20th& 21stSeptember- 2024.
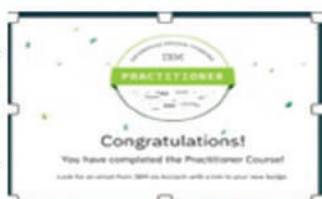
CHINNAM JANAKIDEVI rollnumber 21471Ao5B0 studying B. Tech from NARASARAOPETA ENGINEERING COLLEGE of CSE Department has participated in "SPECATHON-2024" a 36 Hrs NationalLevelHackthonconductedbyDepartment of CSM-GRADIENT CLUB held on 20th & 21stSeptember-2024.

Our NCC students (II&IVCSE) donaterd blood at NRI hospital mangalagiri

247 students from the IV B.Tech I semester of 21 Batch have successfully completed the Enterprise Design Thinking Parctitioner course , earning cerficates of achievement. The earners have acquired knowledge of applying Enterprise Design Thinking and its value.As a practitioner the badge earnerfindsopportunitiestotryitoutintheirevery day work.

Certificates were awarded to 235 students of 22 Batch who completed the Infosys Springboard courses in Angular, Node.js, Express.js, and Mongo DB. Earning these certificates demonstrates proficiency and understanding of the respective technologies, which can be bene ficial for career development and job opportunities in the tech industry.

Anewcertificationin"GettingStartedwithMongo DB Atlas" from Mongo DB was awarded to 65 Students of 22 Batch. This course covers the fundamentalsofMongoDBAtlas,includingsetting up and managing databases in the cloud, understand the key features and benefits of using Mongo DB Atlas, and learning how to deploy and scale applications with ease.

Arthi Achaibher, a student from the 22 Batch, has recently achivedasignificantmilestonebyearning the basic Mountaineeing Course certificate from the National Institute of Mountaineeing and Adventure Sportes.this accomplishment was marked by her successful completion of a challenging climb at Gori chen Glacier mountain, reaching on altitutde of approximately 3200 meters.

In computition between 1560 cadets in the individual drill category at the Directorate RDC_IGC(republicdayCamp) Selectionscamp heldat Hyderabad from October 16 to 25, Junior Under Officer P. Nikhitha ROLL NUMBER:22475A0504 from NEC College (IV year CSE _D student) secured the Third Position.

p.GeethaSaiSrivalli(II-Btech_E)has excelledinthe firing event at the IGC-TSC 2024-25, organized by the NCC Directorate of Andra Pradesh and Telangana.Herimpressiveperformanceearnedher a welldeserved silver medal, showcasing her skill and dedication in the completition.

At the Combined Annual Training Camp IV at the AirForce station-Suryalanka, K.Gandhi Kumari (III- Btech –C 22471A05g0)and G. Kavya (III B-Tech –D 22471A05M4) earned the silver Medal. Their impressive skills and dedication stood out, setting a high standard for their peers.

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At the Combined Annual Training Camp IV held at the Air Force station Suryalanka, B. Velangini Rani(IIIrd B_tech_A 22471A0504) and SK Afreen Neha (IIIrd-BTech_b 22471A05C7) won the gold Medal in the Flag Area event conducted by the 23 Andra Battalion NCC. Their top performance highlighted their skill and teamwork in the competition.

N.Sahithi Reddy (II year CSE_C) Roll Number 23471A05C1 Two National Cadet Crops (NCC) cadetsfromNarasaraopetaEngineeringCollegeare set to Represent India at the International Camel Safari Training Camp scheduled to be held in Jaisalmer, Rajasthan from November 14-23.

YuvaSravani Manepalli Roll Number21471A05H6 has presented the paper titled DeepWaveMRI: Early Alzheimer's Detection authored by SireeshaMoturi, Yuva Sravani Manepalli Venkata Rao-Marella, Priyanka Pulivarthi, Sirisha Gogada, M.MounikaNagaBhavani, in the 6th International Conference on Communication and Intelligent Systems (ICCIS 2024) held during November 08- 09, 2024.

P. Ujwla Devi Roll Number 21471A05O3 has presented the paper titled Integrating CNN, LSTM with DenseNet201 for Efficient Real-Time Plant Disease Detection authored by S. N. TirumalaRao, P. Ujwala Devi Venkata Rao Marella, R. Nandini, S.Vasantha, D. Venkata Reddy, in the 6th International Conference on Communication and Intelligent Systems (ICCIS 2024) held during November 08-09, 2024.

Gudipudi Sony Roll Number 21471A05F4 has presented the paper titled Skin Disease Identification authored by Mothe Suneetha, Sireesha Moturi, Sighakolli, S.N.TirumalaRao, Gudipudi Sony, Tummalapenta Vineesha, Gade Salini in the 6th International Conference on Communication and Intelligent Systems (ICCIS 2024) held during November 08-09, 2024.

Gattu Thanuja Roll Number 21471A0522 has presentedthepapertitledEnhancingCloudSecurity withDeepLearning–AnANNApproachforCyber Threat Detection authored by Mothe SatyamReddy, Gattu Thanuja, Bojja Sobharani, Thalapaneni Suma Durga, Dodda Venkata Reddy,Sireesha Moturiin the 6th International Conference on

Communication and Intelligent Systems (ICCIS 2024) held during November 08- 09, 2024.

Teja Sri Vankayala Roll Number 21471A05D3 has presented the paper titled Enhanced Optimized CNN Based Automated Diabetic Retinopathy Detection authored by Sireesha Moturi. Teja Sri Vankayala M.Mounika Naga Bhavani, Eswar Kalyani Karna, Venkayamma Akkapalli, K.VNarasimha Reddy in the 6th International Conference on Communication and Intelligent Systems (ICCIS 2024) held during November 08- 09, 2024.

Vulleru Swamulu Roll Number 22471D5806(M.Tech) has presented the paper titled Heart Disease: A Comprehensive Evolution of Machine Learning Algorithmsauthored by Vulluri Swamulu Sireesha Moturi, S .N. TirumalaRaoM. Mounika Naga Bhavani, in the 3rd International Conference on Advances in Data- drivenComputingandIntelligentSystems(ADCIS 2024) organized by BITS pilani, K K Birla, Goa Campus, India. Technically Sponsored by Soft Computing Research Society during September 20- 21, 2024.

Sireesha Moturihas presented the paper titled Enhanced Classification and Detection of Brain Tumer using Hybrid Deep Learning and Machine Learning Models authored by Sireesha Moturi, Divvela Bala Sri Abhigna (21471A0519), Shaik Sameera (21471A0555), Chinnam Harini(21471A0516)in the IInd International Conference on Advanced Computing, Machine Learning ,Robotics and Internet Technologies (AMRIT-2024) organized hybrid mode by the Department of Computer Science & engineering and Department of Electricalengineering, National Institute of Technology Agartala Tripura,during 8- 9,2024.

Shaik Khaja Mahiddin Bashahas presented the papertitledStrokeDetectionUsingNeuroimagesA Genetic Algorithm-Enhanced Bidirectional LSTM Approach authored by Shaik Khaja MahiddinBasha, Katari venkata Siva Rama Krishna(21471A05G5), Manikanta Challa (21471A05H8), Akhil Thaninki(21471A05K3),SyedRazwana,SireeshaMoturiin the IInd International Conference on Advanced Computing,Machine Learning, Robotics and Internet Technologies (AMRIT-2024) organized hybrid mode by the Department of Computer Science & engineering andDepartment of Electrical engineering, National Institute of Technology Agartala Tripura, during 8-9,2024.

Sannithi Bhavani Roll Number 21471A0552 has presented the paper titled Towads High –Through put Medical Image Analysis with Quantum Image Processing authored by Yamini Chandana, Sannithi Bhavani , Karasala Deepika(21471A0518), Kolla Tejaswini(21471A0530),SureshKundaintheIInd International Conference on Advanced computing, Machine Learning ,Robotics and Internet

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Technologies (AMRIT-2024) organized hybrid mode by the Department of Computer Science & engineering andDepartment of Electrical engineering, National Institute of Technology Agartala Tripura, during 8-9,2024.

One of our IV year CSE student P. Nikhitha (IV year CSE_Dstudent) ROLLNUMBER:22475A0504 receives the prestigious Appreciation Certificate from NCC towards commitment, discipline, and leadership qualities. JUO(JuniorunderOfficer) best cadet & II Year CSE –C N. Sahitya Reddy (II year CSE_C) Roll Number 23471A05C1 CPL (corporal) RajasthanYEP(YouthExchangeprogram)fromNCC cadet.

- N Sahithya Reddy (II year CSE) Roll Number 23471A05C1NCC cadets of Our NEC College Participated in Camel Safari International Camp at Jaisalmer in Rajasthan successfully completed Camel Riding in Thar Desert on the First day.

- N. Sahitya ReddyII-B-TECH(CSE)International Camp Cadets visited Thanota Matha Temple and Indo-Pak Border

- D. Teja Charan Roll Number 21471A0585 (IV-B- tech) DevelopFeedback Analysis Automation Tool.

- T Bhuvanesh Roll Number 21471A05K4(IV-B-tech) Certificate of Appreciation Developing a ComprehensiveHotel ManegementSystem Under the Guidance of Dr Sireesha M, Faculty of ComputerScienceandEngineeringyou,alongwith Mr R Gangadhar (21471A0521), have demonstrated exceptional skill and dedication in designing and developing this innovative solution.

- Four Students (V.Jahnavi, CH. Janaki Devi, B.Sannithi,J.SaiPriya, andG.SivaAnjali)of IV B.Tech Selected for KPIT Technologies.

- Best Paper Award Presented to K Suresh Babu,P Mahesh babu(21471A05B0), M Aswini Duth(21471A05A6),GLVPrasad(21471A0589),T Naveen Satya(21471A05D4), Shaik KhajaMahiddinBasha,MSireeshahaveparticipatedin IInd International Conference on Algorithms in Advanced Artificial Intelligence ICAAAI_2024. ForpapertitledWeb-BasedEarlyStrokeDetection: a Machine Learning Approach with Explainable Insights during 4-6 December 2024.

- 3cadets from our NEC College arel eadingWhite Water Rafting camp in Belgam, Karnataka from the 17th of this month our student SK. Naseem (II_Btech.CSE_B)Roll Number 23471A05AQ.

Quality is more important than quantity- Steve Jobs