NEWS LETTER

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

INNOVISION - JULY - DECEMBER (2024-2025)

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S.ATHARVA, III-CSE-D

Vision

To acknowledge quality education and instill high patterns of discipline making the students technologically superior and ethically strong which involves the improvement in the quality of life in human race.

Mission

To achieve and impart holistic technical education using the best of infrastructure, outstanding technical and teaching expertise to establish the students into competent and confident engineers.

Evolving the center of excellence through creative and innovative teaching learning practices for promoting academic achievement to produce internationally accepted competitive and world class professionals.

ABOUT HOD

Dr. S. Shanthi is a Professor and Head of the Department of Computer Science and Engineering.

She completed her Ph.D. from the University of Mysore in 2016. Prior to her Ph.D., she earned a Bachelor of Engineering (B.E) in Computer Science and Engineering from Madras University, Tamil Nadu, in 2003, and a Master of Engineering (M.E) from Sathyabama University, Chennai, in 2008. With over sixteen years of academic experience in various reputed institutions in Telangana, her areas of interest include Operating Systems, Computer Networks, Object- Oriented Programming, Information Security, Artificial Intelligence, and Machine Learning. She has published more than 25 research papers in reputed journals and conferences and has organized many international and national conferences and technical workshops. She has published three book chapters and holds three patents. Additionally, she has been a resource person for expert lectures in various domains of Computer Science and Engineering and serves as a reviewer for the Journal of Ambient Intelligence and Humanized Computing. She received the Best Women Faculty Award in 2018 from IASTE and has professional memberships in CSI and ISTE.

History of Department

The Department of Computer Science & Engineering was established in the year 2004. The Department offers a 4-year B.Tech. degree programme in Computer Science & Engineering with an annual intake of 420 students with specific emphasis on engineering technologies and empirical mode of learning. The programme ensures that the student effectively meets the highest benchmarks of competence required by the industry.

PROGRAM EDUCATIONAL OBJECTIVES (PEO)

PEO1 – ANALYTICAL SKILLS : To facilitate the graduates with the ability to visualize, gather information, articulate, analyze, solve complex problems, and make decisions. These are essential to address the challenges of complex and computation intensive problems increasing their productivity.

PEO2 – TECHNICAL SKILLS : To facilitate the graduates with the technical skills that prepare them for immediate employment and pursue certification providing a deeper understanding of the technology in advanced areas of computer science and related fields, thus encouraging to pursue higher education and research based on their interest.

PEO3 – SOFT SKILLS :

To facilitate the graduates with the soft skills that include fulfilling the mission, setting goals, showing self-confidence by communicating effectively, having a positive attitude, get involved in team-work, being a leader, managing their career and their life

PEO4 – PROFESSIONAL ETHICS:

To facilitate the graduates with the knowledge of professional and ethical responsibilities by paying attention to grooming, being conservative with style, following dress codes, safety codes, and adapting to technological advancements.

PROGRAM SPECIFIC OUTCOMES (PSO)

PSO1- Fundamentals and critical knowledge of the Computer System:
Able to Understand the working principles of the computer System and its components , Apply the knowledge to build, asses, and analyze the software and hardware aspects of it .

PSO2- The comprehensive and Applicative knowledge of Software Development:

Comprehensive skills of Programming Languages, Software process models, methodologies, and able to plan, develop, test, analyze, and manage the software and hardware intensive systems in heterogeneous platforms individually or working in teams.

Department of Computer Science and Engineering

PSO3- Applications of Computing Domain & Research:

Able to use the professional, managerial, interdisciplinary skill set, and domain specific tools in development processes, identify the research gaps, and provide innovative solutions to them. .

DEPARTMENT ACTIVITIES

Digital Marketing for Startups- Building an Online Presence

Department of Computer Science and Engineering has organized a seminar on "Digital marketing for startups Building an Online presence to 2nd year students on 13-07-2024 .

Dr.D.Damodara Reddy Associate professor of Mechanical Engineering Dept is the resource person for the session and he addressed the students about the importance of the Digital marketing and he continued with why it is needed and benefits of it. The main objective of the activity is to get awareness on how startups can be promoted or advertised digitally to improve their productivity

Report on Campus Recruitment Training (CRT)

A Five days CRT classes was held at MRCET, CSE from 15TH July 2024 TO 20th July 2024 in Offline mode, which was conducted by Coign and techmaster. 226 students of CSE IV B.Tech students attended these campus recruitment training classes.
The CRT Training Program was interactive among the students and the trainers made the students well trained. Also they were provided with work sheets where they practiced on the concerned topics after the session was conducted.

3-DAYS WORKSHOP ON "MACHINE LEARNING" IN ASSOCIATION WITH INTEL UNNATI

The Department of Computer Science and Engineering organized a 3 Days Workshop on "MACHINE LEARNING" IN ASSOCIATION WITH INTEL UNNATI from
July 30 2024 to August 1 2024 for the Students of Third Year

Indian Army to host 'Know Your Army' mela at Hyderabad's Golconda Fort

This initiative aims to bridge the gap between civilians and the armed forces by providing an experience into the Indian Army's technological capabilities and operational readiness. Organised under the auspices of the Headquarters Telangana and Andhra Sub Area (TASA), and coordinated by the Artillery Centre, Hyderabad

Visitors at the exhibition can see major equipment featuring advanced artillery guns, small arms and operational tools, complemented by detailed insights into their specifications and applications. Minor equipment stalls will showcase communication systems, engineering tools, and Nuclear, Biological and Chemical warfare suits, highlighting the army's technological advancements.

CADET S.ATHARVA(TG/23/SDA/175880)

Interactive experiences include photo opportunities with military equipment and recruitment booths where Army personnel will provide guidance on careers in the armed forces. There will also be live performances by military bands and exhibition of gallantry medals and valour stories, the release stated.

JOURNAL PUBLICATIONS BY FACULTY

Dr.V.Sangeetha, A New Approach for Plant Disease Detection Using Convolutional Neural Network and Convolutional Autoencoder, Journal of Army Engineering University of PLA, 2023.

An Improved DNA Sequencing Using Advanced Machine Learning and Deep Learning Techniques, Science, Technology and Development, ISSN: 0950-0707, 2023.

Sentiment Analysis Using Improved Long Short-Term Memory, GIS Science Journal, ISSN No: 1869-9391, 2023.

Dutta Sai Eswari Anomaly and Intrusion Detection System in a Flow-Based Environment Using En semble Classifiers and the Feature Impact Scale, International Journal of Intelligent Systems and Applications in Engineering, August 2023, ISSN: 2147-6799.

Sandeep Agarwal An Intricate Network Sharing Protocol for Open Networks with Several Hierarchi es, International Journal, 2023-24, ISSN: 23205547, Volume No.11, Issue No.3, April – May 2023.

Developing a Machine Learning Methodology That Is Both Reliable and Secure, International Journal, 2023-24, ISSN: 23205547, Volume No.11, Issue No.3, April – May 2023, SCOPUS.

Dr. M. Sambasivudu Recovering Images Based on Their Contents in a Distributed System, International Journal of Innovative Technology and Research, 2023, ISSN: 2320–5547.

"WEB DEVELOPMENT USING FLASK" IN ASSOCIATION WITH CODE TANTRA

The Department of Computer Science and Engineering organized a 3 Days Workshop on "WEB DEVLOPMENT USING FLASK" IN ASSOCIATION WITH CODE TANTRA.

The workshop's objective is to educate students with the skills necessary to manage databases, create dynamic web applications, and incorporate authentication capabilities utilizing the most recent micro-framework "FLASK".