Department Of Computer Science Engineering (Artificial Intelligence & Machine Learning)

NEWS LETTER

VISION

To emerge as a center of excellence in Artificial Intelligence and Machine Learning to create précised intelligent systems to replicate human intelligence at par to enable globally competent graduates with human values.

MISSION

- Graduates will have a solid foundation in Artificial Intelligence and Machine Learning, enabling them to challenge real-world problems, contribute to research and innovation globally, and pursue successful careers in industry or higher studies.
- Graduates will possess strong programming skills, knowledge of machine learning algorithms, data handling and analysis, frameworks in core AI/ML related technologies.
- Graduates will be skilled in working within interdisciplinary and multi-disciplinary teams, demonstrating professionalism, ethical conduct, and a strong sense of social responsibility, while adapting to the rapidly evolving AI/ML fields and contributing to societal development with their technical and leadership skills.

PROGRAM EDUCATIONAL OUTCOMES

- Developing well-equipped infrastructure and laboratories with state-of-the-art technologies and research-driven teaching and learning methodologies with well-designed innovative curriculum.
- Providing hands-on experience that encourages problem-solving, critical thinking, and interdisciplinary applications to foster research activities through institute and industry collaborations.
- Equipping students with technical expertise, ethical values, and leadership qualities to address real-world challenges and develop globally competent professionals.
- Promoting ethical AI practices and sustainable technological advancements for societal well-being to instil human values and social responsibility.

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PROGRAM OUTCOMES

- **Engineering Knowledge:** Apply the knowledge of mathematics, science, engineering fundamentals, and an engineering specialization to the solution of complex engineering problems.
- **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.
- **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.
- **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.
- **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.
- **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.
- **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.
- **Ethics:** Apply ethical principles and commit to professional ethics and responsibilities and norms of the engineering practice.
- **Individual and Team Work:** Function effectively as an individual, and as a member or leader in diverse teams, and in multidisciplinary settings.
- **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.
- **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.
- **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.

PROGRAM SPECIFIC OUTCOMES

- Apply knowledge using modern tools related to AI and ML for solving real world problems.
- Develop applications based on machine learning models and AI tools.
- Qualify in national and international competitive examinations for successful higher studies and employment.

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ACADAMIC INTIATIVES

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- The ACM Student Chapter on 15-11-2024 at Lendi was inaugurated, marking a significant milestone in fostering innovation, technical excellence, and collaboration among students.
- Dr.V. Prasad was recognized as research supervisor under JNTUGV , VZM.
- Dr.V. Prasad has membership in ACM & IAENG.
- Mr.T. Venu , Mr .V. Appal Naidu has memberships in IAENG (International Associations of Engineers).
- To enrich the students aptitude , quant , technical abilities a 90 Hours of training is conducted by an external agency "CCC" from 23- 30 Jan 2025.

FACULTY ACHIEVEMENTS

- Dr.V. Prasad, Mr .T. Venu had attended an FDP on OBE and NEP2020 during 10-14 June 2024 organized by VIT-AP.
- Dr.V. Prasad, attended an FDP and Certified on AI tools during 17- 21 Feb 2025.
- Mr.T. Venu had attended an FDP on JAVA full stack with react JS and AI during 22 Dec 2024 organized by BRAINOVISION.

FACULTY CERTIFICATIONS

- Dr.V. Prasad had attended an FDP on OBE and NEP2020 during 10- 14 June 2024 organized by VIT-AP.
- Dr.V. Prasad attended an FDP and certified on AI tools during 17- 21 Feb 2025.
- Mr.T. Venu was certified java full stack development a 14 WEEKS course under EDUSKILLS (Oct-Dec 2024).
- Mr.T. venu was certified AIML Virtual internships a 14 WEEKS Course under EDUSKILLS (July-Sept 2024).
- Mr. V. Appala Naidu attended an FDP entitled Cloud Computing using AWS at Mohan Babu University during 8- 13 July 2024.
- Mr. V. Appala Naidu attended an FDP entitled Deep learning an IOT driven Smart Applications at MRLIT during 24-29 June 2024.

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- **Mr. V. Appala Naidu attended an FDP teaching and learning in general programs through NPTEL a 4 Weeks Course july- aug 2024.**

STUDENT ACHIEVEMENTS

- **Five students from the CSM department have been selected for the prestigious Brainmage Internship Program.**
- **Partcipation in ECO Club Events on the eve of Vinayaka Chavathi and Winners of the Event.**
- **B. Yashwanth has been Awarded a memento by Aditya Nagar Public Library for his voluntary teaching as part of the CSP initiative. He conducted sessions on Ethics, Human Values, and motivation for children during the summer camp.**
- **K. Hema Sagar , P. Jaswanth and K. Sai Teja had participated and got a score of 53 with rank 5in GPU Acclerated Computing Codeathon conducted by NVIDIA from 19th to 28th October.**

STUDENT PARTICIPATION

- **3 Teams have participated in Smart India Hackathon Internal Presentation.**
- **15 AIML Students participated Hands-on workshop on Cyber Security.**
- **18 Students Participated NSS Event- Swachhata Hi- Seva 2024.**
- **15 Students Participated Mega Impact Program @Rotary Club, Vizianagaram.**
- **IEEE Coding Contest Xtreme 18.0.**
- **Participation in GPU Accelerated Computing and Codeathon (CSM Students in 05th Position).**
- **Short Term Training Program(STTP) – Java Full Stack- Inaugural (58 Students participated).**
- **Anti Ragging Committee Meeting (58 Students participated).**
- **15 Students of AIML attended Brainmage Intenrship Interviews.**

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- Participation in ECO Club Events on the eve of Vinayaka Chavithi and Winners of the event.
- 58 students had participated in STTP-JAVA FULL STACK Program.

WORKSHOPS AND SEMINARS ORGANIZED

- Workshop - Handson workshop on Cyber Security.
- Seminar - AI Applications in Industry Insights From SIMPLIFY.

- Workshop had conducted on AI Fusion Workshop to explore the integration of cutting-edge AI tools and real-world applications. Join us to gain hands-on experience, insights, and industry-ready skills in artificial intelligence.

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INTERNSHIP & INDUSTRY DEFINED TRAININGS

- Five students from the CSM department have been selected for the prestigious Brainmage internship program.
- CH. Mohan Rao Has Been selected for the Prestigious Indian Space Internship 2025, under the Indian Space Lab "VIKSIT BHARATH" ALL INDIA RANK : 212.
- 72 Students Registered for EDU Skills Internship Certifications for Google AI-ML.

NSS ACTIVITIES

- 18 Students Participated NSS Event- Swachata Hi- Seva on 23- 09-2024.
- 11 CSM Students participated in NSS Event – Shobha Yatra on
- NSS Program -An Awareness Program on Child Sexual Exploitation, Abuse and Violence against Women on 25-11-2024.

STUDENT CHAPTERS & STUDENT CENTRIC ACTIVITIES

- Students of the CSM department organized a heartwarming human values activity by distributing blankets to underprivileged people in Vizag and Vizianagaram. This thoughtful initiative reflected their compassion and commitment to social responsibility. By reaching out to those in need, the students offered both warmth and kindness. Their efforts helped spread awareness about the importance of empathy in action. Such activities inspire a culture of care and community service among youth.

- The ACM Student Chapter, inaugurated by the CSM department, marked a significant step towards promoting technical excellence and innovation among students. Following the inauguration, the chapter has been actively engaging the student community by organizing a variety of technical events, including coding contests, workshops, and tech talks. These initiatives have created a vibrant learning environment, encouraging students to explore emerging technologies, enhance their problem-solving skills, and collaborate on real-time projects.

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DEPARTMENT CELEBRATIONS & ACTIVITIES

- Interaction Day And Freshers Day Celebrations LUMINA 2024.
- Engineers Day Celebrations on 16-09-2024.

ACM ACTIVITIES

- Organized a Technical event "PHOENIX OF CODE" on 03-12-2024.
- Organized a Technical event "QUANTUMN QUERY" on 05-12-2024.

MESSAGE FROM HOD

The Department of Artificial Intelligence at Lendi is committed to shaping the future by equipping students with strong technical knowledge, hands-on experience, and industry-ready skills in areas like machine learning, deep learning, and data science. Through a well-structured curriculum, real-time projects, expert-led workshops, and technical events, we ensure our students develop both a solid academic foundation and practical problem-solving abilities. With a focus on innovation, research, and career readiness, the department empowers students to thrive in top companies and contribute meaningfully to the ever-evolving world of AI.

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ASTRA
...The Pride of CSM

Best Compliments From

Computer Science Engineering

(ARTIFICIAL INTELLIGENCE & MACHINE LEARNING)

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