

Department of Computer Science and Engineering (CSE)

About Department

The Department of Computer Science and Engineering (CSE) was established in 1994 and has since earned NBA accreditation on five occasions. It offers Post Graduate Programme on M.E Artificial Intelligence and Data Science. The department has secured funding from AICTE, UGC, DRDO, ISRO, BRNS, and collaborates with organizations like TNAU, L&T; Technologies, GE Healthcare, Zeuron.ai, Pricol Technologies Ltd., Roots Industries India Private Limited and the Health Care Centre for Innovation. Research focuses include AI & ML, AR & VR, Software Development, Testing, and Consultancy. It features Centres of Excellence on AR/VR, GE Healthcare, Virtusa and GPU Learning Centre, supported by highly qualified faculty members.

Vision and Mission

Vision: To provide quality technical education and develop professionals with human values, employability, entrepreneurship, and research capabilities to meet global technological challenges.

Mission: 1. Enrich students' knowledge in Computer Science and Engineering. 2. Prepare students for industry careers, entrepreneurship, and leadership roles for societal betterment. 3. Develop technical manpower for real-world challenges.

Program Educational Objectives (PEOs)

PEO I: Excel as computer engineers solving real-world problems. PEO II: Collaborate efficiently and lead with social and ethical responsibility. PEO III: Engage in lifelong learning to adapt to evolving technology.

Program Outcomes (POs)

1. Apply engineering knowledge to complex problems. 2. Analyze complex engineering problems. 3. Design effective solutions considering health, safety, and environment. 4. Conduct research-based investigations. 5. Use modern tools effectively. 6. Address societal, health, and legal issues responsibly. 7. Promote sustainability in engineering solutions. 8. Follow professional ethics and responsibilities. 9. Work effectively as individuals and in teams. 10. Communicate complex engineering concepts clearly. 11. Apply management principles for project handling. 12. Engage in lifelong learning amid technological changes.

Program Specific Outcomes (PSOs)

PSO1: Analyze, design, develop, and test software systems. PSO2: Work in data analytics, IoT, embedded systems, mobile and cloud computing domains.

Laboratories

AI & Data Science Lab, Application Development Lab, Internet Programming Lab, Programming Lab 1, Embedded & IoT Lab, High Performance Computing Lab, Thin Client Lab, Open Source Systems Lab, AR/VR Lab, Computer Vision Lab.

Faculty and Staff

Dr. M. S. GEETHA DEVASENA (Head of the Department)
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