The scope of learning for you in our CSE program will include Artificial Intelligence, Machine Learning, Agile Software Development, Cybersecurity, AR/VR , OOPS Concepts, Computer Architecture, Computer Networks, Database Management System, Software technologies including C, Python for Data Science and Java Full Stack.The department having highly experience and capable faculty who are trained by the Industry, state of the art infrastructure and Industry Powered Nextgen Laboratories in AI-ML, Cloud Technologies,Data Science and Design Thinking.

CAREER PROGRESSION

The scope of career progression, studying CSE, is abundant and unlimited with leading multinational IT companies recruiting fresh CSE graduates in large numbers, or becoming an entrepreneur, developing your own software products,or pursuing higher studies. The students are prepared to start their career as Software Developers, Data Scientist, System Analyst and Architect ,Network Engineers, Database Administrator , Web developers, AI Engineers etc.,

VISION

To groom students into globally competent software professionals and meet the ever changing requirements of the industry.

MISSION

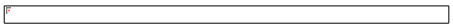
Creating a quality academic environment with relevant IT infrastructure and empowering faculty and students with emerging technologies.

Motivating staff and students to actively involve in lifelong learning and fostering research.

Inculcating leadership and entrepreneurship skills in students.

Generating opportunities for students to evolve as competent software professionals with societal consciousness.

PROGRAMME DETAILS



Programme Educational Objectives

- **PEO1: To prepare graduates for a career in software engineering**
- **PEO2: To prepare students for higher studies, research, entrepreneurial and leadership roles by imparting the quality of lifelong learning**
- **PEO3: To enable students to apply innovative solutions for real-life problems in computer science domain.**

Programme Specific Outcomes

- **PSO1: Demonstrate knowledge in open source technologies**
- **PSO2: Develop innovative solutions by adapting emerging technologies for industry oriented applications**
- **PSO3: Implement SDLC principles for project/product development**

Programme Outcomes

- **PO1: Engineering Knowledge: Apply knowledge of mathematics, natural science, computing, engineering fundamentals and an engineering specialization to develop the solution of complex engineering problems.**
- **PO2: Problem Analysis: Identify, formulate, review research literature and analyze complex engineering problems reaching substantiated conclusions with consideration for sustainable development.**
- **PO3: Design/Development of Solutions: Design creative solutions for complex engineering problems and design/develop systems/components/processes to meet identified needs with consideration for public health and safety, whole-life cost, net zero carbon, culture, society, and environment as required.**
- **PO4: Conduct Investigations of Complex Problems: Conduct investigations of complex engineering problems using research-based knowledge including design of**

experiments, modelling, analysis & interpretation of data to provide valid conclusions.

- **PO5: Engineering Tool Usage: Create, select and apply appropriate techniques, resources and modern engineering & IT tools, including prediction and modelling recognizing their limitations to solve complex engineering problems.**
- **PO6: The Engineer and The World: Analyze and evaluate societal and environmental aspects while solving complex engineering problems for its impact on sustainability with reference to economy, health, safety, legal framework, culture, and environment.**
- **PO7: Ethics: Apply ethical principles and commit to professional ethics, human values, diversity and inclusion; adhere to national & international laws.**
- **PO8: Individual and Collaborative Teamwork: Function effectively as an individual, and as a member or leader in diverse/multi-disciplinary teams.**
- **PO9: Communication: Communicate effectively and inclusively within the engineering community and society at large, such as being able to comprehend and write effective reports and design documentation, make effective presentations considering cultural, language, and learning differences.**
- **PO10: Project Management and Finance: Apply knowledge and understanding of engineering management principles and economic decision-making and apply these to one's own work, as a member and leader in a team, and to manage projects and in multidisciplinary environments.**
- **PO11: Life-Long Learning: Recognize the need for, and have the preparation and ability for i) independent and life-long learning ii) adaptability to new and emerging technologies and iii) critical thinking in the broadest context of technological change.**

CSE DEPARTMENT OFFICE

Dr.R.Subha
Professor & Head, CSE
+914259200370
Email: hodcse@sece.ac.in

Ms.K.Keerthana
Dept. Office Secretary, CSE
+914259200374
Email: cse_support@sece.ac.in

44 LPA HIGHEST SALARY PACKAGE

120 + RECRUITERS

400 + PUBLICATIONS

45 + PATENTS

240 total intakes