ERODE SENGUNTHAR ENGINEERING COLLEGE

NAAC A

M.Tech. Computer Science & Engineering (Integrated)

Empowering Future Innovators in Computing and Technology

About the Programme

The Integrated M.Tech. CSE programme is designed to meet the diverse needs of IT industries and research organizations. Students are trained in cutting-edge technologies within 5 years through a balanced approach of theory, laboratory, and project-based learning. The curriculum covers Full Stack Development, AI & ML, IoT, Cloud Computing, Deep Learning, and NLP.

Industry-Relevant Courses

- BigDataTechnologies
- MachineLearning
- Internet of Things (IoT)
- Agile Methodology
- Multicore Architectures.

Key Features

- Combinestheoretical and practical learning
- Encourages multidisciplinary research
- Builds analytical and system design skills
- Specialized research projects and mentoring
- Value-added courses: .NET, PHP, Python,
- IIT/IIS professors' NPTEL video lectures
- Internship, In-Plant Training, and Industrial Visits

Value-Added Courses & Certifications:

- IoT with Python
- Artificial intelligence and Machine learning
- Android App Development
- Data Visualization (R)
- Infosys Springboard & InfyTQ.

Job Opportunities

- Development Engineers,
- Technical Leaders, and Managers
- Academicians and Researchers
- Consultants, Solution Developers,
- Computing Specialists in Research Labs
- Developers and Specialists in IT Industries