(056-CSE-01-02) CSE (Industry Integrated)

Significance of the Programme:

An industry-integrated course for undergraduate students holds significant advantages that extend beyond traditional classroom learning which provides Industry exposure, real world application knowledge and Bridges the gap between academic learning and practical applications.

Career Options:

- Software Development Engineer
- Data Scientist/Analyst
- Cybersecurity Analyst
- Security Consultant
- DevOps Engineer
- IT Consultant
- Full-stack Developer

Programme Objectives:

- Integrate practical, hands-on experiences into the curriculum to enhance students' skills in line with industry requirements.
- Cultivate analytical and critical thinking skills to solve complex problems in the domain of computer science and engineering
- Provide opportunities for interaction with industry professionals and mentors
- Prepare students for a globalized and interconnected technological landscape.

Outcomes of the Program:

- Exhibit practical skills aligned with industry standards, including familiarity with contemporary tools, technologies, and software development methodologies.
- Adapt to evolving technologies and industry trends, showcasing the ability to engage in continuous learning and self-improvement.
- Well-prepared for successful entry into the workforce, having acquired industry-specific skills

Major Course Outliness:

- Artificial Intelligence

- Machine Learning
- Data Science
- Cybersecurity
- Internet of Things (IoT)
- Cloud Computing
- Mobile Application Development
- Big Data Analytics