

## DEPARTMENT OF COMPUTER SCIENCE

### PALAMURU UNIVERSITY

### M.Sc. -COMPUTER SCIENCE

### PROGRAMME OUTCOMES

**PO1:** Equip technologically inclined students with the knowledge and proficiency to devise innovative solutions.

**PO2:** Cultivate the aptitude to swiftly grasp new technologies, comprehending their theoretical underpinnings and practical applications across diverse fields.

**PO3:** Utilize principles of computer science and software development to engineer computing-based solutions.

**PO4:** Stay abreast of contemporary trends in Information Technology.

**PO5:** Foster creativity, critical thinking, analytical prowess, and research capabilities.

**PO6:** Design and implement computer programs and systems encompassing algorithms, networking, web development, cloud computing, Artificial Intelligence, and mobile applications.

### PROGRAMME SPECIFIC OUTCOMES

**The students will be able to:**

**PSO1:** Demonstrate proficiency in advanced programming languages such as Java, Python, etc.

**PSO2:** Acquire a deep understanding of core subjects including Artificial Intelligence, Data Mining, Automata Theory, Machine Learning, Data Structures, Database Management Systems, and Operating Systems.

**PSO3:** Explore the principles of Natural Language Processing and their practical applications.

**PSO4:** Undertake a six-month-long project in the final semester, applying acquired knowledge and concepts for Analysis, Design, and Solving and Implementing to automate the real-world problems.