MANGALDAI COLLEGE (AUTONOMOUS)

Department of Computer Science & IT

M.Sc. in COMPUTER SCIENCE

- COURSE OUTCOMES

The following course outcomes describe the broad competencies that students are expected to demonstrate upon successful completion of the M.Sc. in Computer Science programme. They are based on the programme areas highlighted in the college admission poster.

1. Demonstrate advanced theoretical and practical understanding of major areas of Computer Science and Information Technology, including Artificial Intelligence, Machine Learning, Cyber Security, Advanced Computer Networking, Natural Language Processing, and Data Science.
2. Analyse computing problems and apply appropriate computational concepts, methods, and technologies to develop effective solutions.
3. Evaluate security requirements and networking challenges, and explain suitable approaches to protecting information and supporting reliable computer communication.
4. Apply data-oriented and language-processing concepts to understand, process, analyse, and interpret digital information.
5. Undertake research-oriented and innovative work, communicate technical findings, and continue learning in emerging areas of computing.

Programme Areas: Artificial Intelligence, Machine Learning, Cyber Security, Advanced Computer Networking, Natural Language Processing, Data Science, Research and Innovation.