Department of Information Technology (Post Graduate Course)

Program Outcome:

- PO1: Ability to apply the knowledge of Information Technology with recent trends aligned with research and industry.
- PO2: Ability to apply IT in the field of Computational Research, Soft Computing, Big Data Analytics, Data Science, Image Processing, Artificial Intelligence, Networking and Cloud Computing.
- PO3: Ability to provide socially acceptable technical solutions in the domains of Information Security, Machine Learning, Internet of Things and Embedded System, Infrastructure Services as specializations.
- PO4: Ability to apply the knowledge of Intellectual Property Rights, Cyber Laws and Cyber Forensics and various standards in interest of National Security and Integrity along with IT Industry.
- PO5: Ability to write effective project reports, research publications and content development and to work in a multidisciplinary environment in the context of changing technologies.

Program Specific Outcome:

On completion of the M.Sc. (Information Technology) students are able to:

- Understand how technical developments can be achieved.
- Enhance the development of critical thinking, code writing skills and configuring the technical tools.
- Prepares students for a wide variety of careers in IT related all industries with research bent of mind.
- Equip the learners with professional skills essential for making career in software development, Database Management, Computer and Information Research, Network Architecture, Systems Analysing area.
- Able to conceptualize, design, and produce one or more works in IT based on effective principles and practices of IT for a target audience.
- Able to enhance their ability to apply knowledge of computing and mathematics appropriate to the discipline.
- Able to design and analyse algorithms to solve problems and study the performance of computer hardware and software.
- Able to understand the concepts of security environment in the information and cloud perspective.
- Able to use modern tools by applying appropriate techniques, resources, and IT tools including prediction and modelling to complex activities with an understanding of the limitations.
- Get improved sense of self-confidence and self-efficacy and an awareness of their responsibilities as professionals in their field.

Learners will acquire the knowledge and skills required to pursue a career in the specialization of their choice.