

## **M.TECH (Software Engineering)**

**1<sup>st</sup> Semester** – Advanced Algorithm Design, Distributed and High Performance computing, Advanced Operating System, Electives (Software Project Management, Client server programming, Advance Data Communication network), Advanced Topics in Algorithms Lab , Distributed and High Performance computing Lab Seminar

**2<sup>nd</sup> Semester** – Software Architecture, Software Testing, Research Methodology & Technical communication, Electives (Artificial Intelligence and Expert system, Information Retrieval), Software Testing Lab, Project

**3<sup>rd</sup> Semester** – Service Oriented Architecture, Software Construction (Design Pattern), Elective(Mobile computing, Digital Image Processing, Geographic Information system, Grid computing), Elective(Distributed and Cloud Computing, Software Configuration Management, Database Engineering), Dissertation-I

**4<sup>th</sup> Semester** – Dissertation-II