

# M.TECH (IT)

## Semester I

Sl. No.	Course Title
1	Mathematics for AI
2	Artificial Intelligence
3	Machine Learning & Deep Learning
4	Data Structure & Algorithm
5	Computer Vision
6	AI Tools & Practices

## Semester II

Sl. No.	Course Title
1	Intelligent Robotics
2	Generative AI
3	Advanced Computer Vision and Video Analytics
4	Natural Language Processing
5	Elective I
6	Elective II
7	<b>Total (Without Internship)</b>

## Semester III

Sl. No.	Course Title
1	Project I
2	Research Methodology and Seminar

## Semester IV

Sl. No.	Course Title
1	Project - II/On-Job-Training/Internship

### ELECTIVES

Sl No	Elective I
1	Data Visualization and Dashboards
2	HPC Principle and Practices
3	Big Data Analytics and Business Intelligence
4	Evolutionary Computing

Sl No	Elective II
1	Reinforcement Learning
2	Explainable AI
3	Recommendation Systems
4	Digital Twin