

Master of Technology (Computer Science Engineering)
(Programme Code: 10DCSPG01)

Semester I		
S No	Course Code	Course Title
1	26MTCS11C01	Advanced Data Structures and Algorithms
2	26MTCS11C02	Advanced Data Structures and Algorithms Lab
3	26MTCS11C03	Research Methodology
4	26MTCS11C04	Digital Image Processing
5	26MTCS11C05	Digital Image Processing Lab
6	26MTCS11C06	Advanced Operating System
7	26MTCS11C07	Advanced Operating System Lab
8	26MTCS11C08	Research Paper Writing and Publication Ethics
9		Discipline Elective-I
10		Discipline Elective-I Lab

Basket – I Discipline Elective-I		
S. no	Course Code	Course Title
1	26MTCS11E01	Cloud Infrastructure and Services
2	26MTCS11E02	Cloud Infrastructure and Services Lab
3	26MTCS11E03	Data Science
4	26MTCS11E04	Data Science Lab
5	26MTCS11E05	Continuous Delivery and DevOps
6	26MTCS11E06	Continuous Delivery and DevOps Lab

Semester II		
S No	Course Code	Course Title
1	26MTCS12C01	Advanced Computer Architecture
2	26MTCS12C02	Advanced Database and Data Mining
3	26MTCS12C03	Advanced Database and Data Mining lab
4	26MTCS12C04	Advanced Software Engineering
5	26MTCS12C05	Advanced Machine Learning
6	26MTCS12C06	Advanced Machine Learning Lab
7	26MTCS12C07	Advanced Network Security
8	26MTCS12C08	Project work
9		Discipline Elective-I
10		Discipline Elective-I Lab

Project Work is carried out through guided self-learning and project activities, and the allotted hours are excluded from the total teaching hours.

Basket – II Discipline Elective-II		
S. no	Course Code	Course Title
1	26MTCS12E01	Full Stack Development
2	26MTCS12E02	Full Stack Development Lab
3	26MTCS12E03	Generative AI
4	26MTCS12E04	Generative AI Lab
5	26MTCS12E05	IOT
6	26MTCS12E06	IOT lab

Semester III		
S No	Course Code	Course Title
1	26MTCS23C01	Deep Learning
2	26MTCS23C02	Deep Learning Lab
3	26MTCS23C03	Data Visualization and Analytics
4	26MTCS23C04	Data Visualization and Analytics Lab
5	26MTCS23C05	Advanced Compiler Design
6	26MTCS23C08	Discipline Elective-I
7	26MTCS23C09	Discipline Elective-I Lab
8	26MTCS23C10	Dissertation – I

*Dissertation I emphasizes guided self-learning and research-oriented project work; accordingly, the allotted hours are excluded from the total teaching hours.

Basket – III Discipline Elective-III		
S. no	Course Code	Course Title
1	26MTCS23E01	Advanced Blockchain Technologies
2	26MTCS23E02	Advanced Blockchain Technologies Lab
3	26MTCS23E03	Quantum Computing
4	26MTCS23E04	Quantum Computing lab
5	26MTCS23E05	Software Testing & Quality Assurance
6	26MTCS23E06	Software Testing & Quality Assurance lab

Semester IV		
S No	Course Code	Course Title
1	26MTCS24C01	Dissertation II

*Dissertation II emphasizes guided self-learning and research-oriented project work; accordingly, the allotted hours are excluded from the total teaching hours.