

M Tech CSIT Syllabus w.e.f. 2025-26

The semester-wise proposed subjects are as follows:

First Year

Semester I

S.No	Subject code	Subjects	Teaching schedule			Credits
			L	T	P	
1.	CSMA-101	Advanced Data Structures	3	1	0	4
2.	CSMA-103	Machine Learning	3	1	0	4
3.	CSMA-105	Wireless Network & Mobile Computing	3	1	0	4
4.	CSMA-107	Research Methodology	3	1	0	4
5.	CSMA-109	Advanced Data Structure Lab	0	0	3	2
6.	CSMA-111	Machine Learning Lab	0	0	3	2
Total Credits						20

Semester II

S.No	Subject code	Subjects	Teaching schedule			Credits
			L	T	P	
1.	CSMA-102	Network Security & Cryptography	3	1	0	4
2.	CSMA-104	Data Analytics	3	1	0	4
3.	CSMA-106	Digital Image Processing	3	1	0	4
4.	CSMA-***	Elective-I	3	1	0	4
5.	CSMA-110	Project: Data Analytics	0	0	3	2
6.	CSMA-112	Digital Image Processing	0	0	3	2
Total Credits						20

Second Year

Semester-III

S.No	Subject code	Subjects	Teaching schedule			Credits
			L	T	P	
1.	CSMA-***	Elective-II	3	1	0	4
2.	***-***	Open Elective-I	3	1	0	4
3.	CSMA-201	Seminar	0	0	3	2
4.	CSMA-203	Dissertation (Preparatory work)	0	0	10	10
Total Credits						20

		Semester-IV Subjects		Teaching schedule			Credits
S.No	Subject code			L	T	P	
1.	CSMA-202	Dissertation/Project work*		0	0	20	20
Total Credits							20

*It is desirable that candidate should publish at least 01 research papers in UGC CARE/SCOPUS approved journal. Total : 80 Credits

List of Elective/Open Elective Subjects:

CSMA- 211	Mathematical Foundations of Computer Science
CSMA-213	Mobile Application Development
CSMA-215	Information Security
CSMA-217	Web and Database Security
CSMA-219	Advanced Algorithms
CSMA-221	Cyber Security
CSMA-223	Advanced Windows Programming
CSMA-225	Elements of Robotics
CSMA-227	Software Engineering & Project Management
CSMA-229	Remote Sensing Systems
CSMA-231	Theoretical Foundations of Computer Science
CSMA-233	Distributed Computer Systems
CSMA-235	Cellular Automata & Its Applications
CSMA-237	AI & Neural Network
CSMA-239	Sensor Networks
CSMA-241	Object Oriented Information System Design
CSMA-243	Enterprise Computing Methodologies
CSMA-245	Biomedical Signal Processing
CSMA-247	Bio-informatics
CSMA-249	Soft Computing

CSMA-251	Medical Imaging Techniques
CSMA-253	Artificial Neural network and Fuzzy Systems
CSMA-255	Pattern Recognition
CSMA-257	Parallel Computing
CSMA-259	Compiler Construction
CSMA-261	Blockchain Technology
CY-***	Polymeric Materials and their Applications
MA-***	Operations Research
HU-***	Principal of Management
PH-***	Futuristic Materials
HU-***	Human Values and Professional Ethics

Note: The above list is subject to be modified depending on the availability of faculty members and the subject syllabi shall be decided by the faculty concerned.



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