

M.TECH

(Computer Science and Engineering)

With Specialization in AI & ML

Syllabus

2026-2030



Department of Computer Science and Engineering

School of Engineering & Technology, Sushant University

Gurugram Sector 55, 122003

www.sushantuniversity.edu.in

M.TECH- CSE (AI&ML)

Syllabus (1st Year/1st & 2nd Semester)

Year	Semester-I						
	Course Code	Course Name	Contact Hrs/Week				Credit
			L	T	P	H	
First Year	19MTC-1RM11T	Research Methodology	2	0	0	2	2
	19MTC-1PP11T	Python Programming	2	0	2	4	3
	19MTC-1AI11T	Artificial Intelligence	3	0	2	5	4
	19MTC-1ML11T	Machine Learning-1	3	0	2	5	4
	19MTC-PD11T	Personality Development	1	0	0	1	1
	19MTC-1DA11T	Data Analytics Project-1	0	3	0	3	3
		Total Credits	11	3	6	20	17

Year	Semester-II						
	Course Code	Course Name	Contact Hrs/Week				C
			L	T	P	H	
First Year	19MTC-1ML12T	Machine Learning-2	3	0	2	5	4
	19MTC-1ED12T	Exploratory Data Analytics	3	0	2	5	4
	19MTC-1NL12T	Natural Language Processing	3	0	2	5	4
	19MTC-1PS12T	Probability and Statistics	3	0	2	5	5
	21MTC-0EC12T	English Communication	1	0	0	2	2
	19MTC-1DA12T	Data Analytics Project-2	0	3	0	3	3
		TDCC-I	1	0	2	3	2
		Total Credits					24

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Syllabus (2ndYear/ 3rd & 4th Semester)

Year	Semester-III						
	Course Code	Course Name	Contact Hrs/Week				C
			L	T	P	H	
Second Year	19MTC-2DL21T	Deep Learning and Big Data Analytics	3	0	2	5	4
	19MTC-2BL21T	Blockchain	3	0	2	5	4
	19MTC-1DT21D	Dissertation I	0	0	8	8	8
		TDCC-2	1	0	2	3	2
		Total Credits					18

Year	Semester-IV						
	Course Code	Course Name	Contact Hrs/Week				C
			L	T	P	H	
Second Year	19MTC-1DT22D	Dissertation II	0	0	12	12	12
		Total Credits		0	0	12	12