



SCHOOL OF ENGINEERING & TECHNOLOGY (SOET)

MASTER OF TECHNOLOGY (M.TECH) PROGRAMME STRUCTURE-2023

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M. Tech AI

Artificial Intelligence						
First Semester						
		Course				
			PC	MA/CS/IT	3	
			PC	CS	4	
		Artificial Intelligence	PC	CS	5	
			MC	CS	1	
		Pedagogy Studies	AC	CS	1	
TOTAL					14	9-0-2 = 11

Artificial Intelligence						
Second Semester						
		Course				
			PC	CS/IT	5	3-0-1=4
		Program Elective - II	PE	CS	4	4-0-0 = 4
		Value Education	AC	CS	1	
TOTAL					14	11-0-1 = 12

Artificial Intelligence						
Third Semester						
		Course				
		Deep Learning	PC	CS/IT	3	3-0-0=3
		Machine Learning	PC	CS/IT	5	3-0-0=3
		Program Elective –III	PE	CS	4	4-0-0=4
		Mini Project -I	PR	CS	4	0-0-2=2

TOTAL	16	10-0-2=12
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Artificial Intelligence						
Fourth Semester						
		Course				
		Program Elective –IV	PE	CS	4	4-0-0=4
		Program Elective –V	PE	CS	4	4-0-0=4
		Mini Project - II	PR	CS	6	0-0-3=3
TOTAL					14	8-0-3=11

Artificial Intelligence						
Fifth Semester						
		Course				
		Open Elective	OE	CS	3	3-0-0 = 03
		Internship	PR	CS	4*	0-0-2 = 02
		Project Work – I	PR	CS	20*	0-0-10= 10
TOTAL						3-0-12=15
*Project and Internship carryout in Industry.						

		Course				
			PR	CS	28*	0-0-14=14
TOTAL						0-0-14=14
*Project and Internship carryout in Industry.						

Program Elective - Course
Natural language processing
Digital Image Processing
Fuzzy logic
Genetic Algorithm
Data Visualisation
Reinforcement Learning

Time Series Analysis
Social Media Analytics
Evolutionary Optimization Algorithms
Recommender system
Pattern recognition

Open Electives Courses
Cloud Computing
Data Analytics