



MADHAV INSTITUTE OF TECHNOLOGY & SCIENCE, GWALIOR
(Deemed to be University)
(Declared Under Distinct Category by Ministry of Education, Government of India)



NAAC Accredited with A++ Grade

Department of CSE
Scheme of Evaluation
M. Tech. I Semester (CSE)

(for batch admitted in academic session 2025-26)

S. No.	Course Code	Category Code	Course Name	Maximum Marks Allotted						Total Marks	Contact Hours per week			Total Credits	Mode of Learning	Mode of Exam.	Duration of Exam.
				Theory Block				Practical Block									
				Continuous Evaluation			Major Evaluation	Continuous Evaluation	Major Evaluation								
				Minor Evaluation I	Minor Evaluation II	Quiz/ Assignment		Lab Work & Sessional									
1.	62251101	DC	Database Systems	25	25	20	30	-	-	100	3	-	-	3	Face to Face	PP	2 Hrs.
2.	62251102	DC	Distributed Computing	25	25	20	30	-	-	100	2	1	-	3	Face to Face	PP	2 Hrs.
3.	62251103	DC	Image Processing & Computer Vision	25	25	20	30	-	-	100	2	1	-	3	Face to Face	PP	2 Hrs.
4.		DE	Departmental Elective (DE-1)	25	25	20	30	-	-	100	3	-	-	3	Face to Face	PP	2 Hrs.
5.		SC	Specialization Course (SC-1)	25	25	20	30	-	-	100	3	-	-	3	Face to Face	PP	2 Hrs.
6.	62251104	DLC	Lab-I [#]	-	-	-	-	70	30	100	-	-	4	2	Experiential	SO	-
7.	62251105	DLC	Seminar/Presentation [§]	-	-	-	-	70	30	100	-	-	4	2	Blended	SO	-
8.	622511XX	NEC	Classified Novel Engaging Course (Activity Based Learning)	-	-	-	-	-	50	50	-	1	-	1	Interactive	SO	-
Total				125	125	100	150	140	110	750	13	03	08	20	-	-	-

MCQ: Multiple Choice Question **PP:** Pen Paper **SO:** Submission + Oral **OB:** Open Book

[#] During lab, students have to perform practical/assignments/minor projects related to the courses of respective semester using recent technologies / languages / tools etc.

^{\$} Seminar/Presentation through SWAYAM / NPTEL (Registration in a course will be compulsory for students but assessment will be based on internal seminar presentation).

DE-1		
S. No.	Course Code	Course Name
1.	62251106	Mobile Computing & M-Commerce
2.	62251107	Adhoc & Sensor Based Networks
3.	62251108	Network Security
4.	62251109	High-speed Networks

Mode of Learning						Mode of Examination				Total Credits
Theory		Lab			CNEC	Theory			Lab	
Face to Face	Online	Blended	Experiential	Experimental	Interactive	PP	MCQ	OB	SO	
15		2	2		1	15			5	
75		10	10		5	75			25	Credits %



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Scheme of Evaluation
M. Tech. II Semester (CSE)

(for batch admitted in academic session 2025-26)

S. No.	Course Code	Category Code	Course Name	Maximum Marks Allotted								Total Marks	Contact Hours per week			Total Credits	Mode of Learning	Mode of Exam.	Duration of Exam.
				Theory Block				Practical Block		MOOCs									
				Continuous Evaluation			Major Evaluation	Continuous Evaluation	Major Evaluation	Assignment	Exam								
				Minor Evaluation I	Minor Evaluation II	Quiz/ Assignment													
1.	62251201	DC	Algorithm Design Techniques & Analysis	25	25	20	30	-	-	-	-	100	3	-	-	3	Face to Face	PP	2 Hrs.
2.	62251202	DC	Digital Watermarking & Steganalysis	25	25	20	30	-	-	-	-	100	2	1	-	3	Face to Face	PP	2 Hrs.
3.	62251203	DC	Natural Language Processing	25	25	20	30	-	-	-	-	100	2	1	-	3	Face to Face	PP	2 Hrs.
4.		DE	Departmental Elective* (DE-2)	-	-	-	-	-	-	25	75	100	3	-	-	3	Online	MCQ	3 Hrs
5.		SC	Specialization Course (SC-2)	25	25	20	30	-	-	-	-	100	2	1	-	3	Face to Face	PP	2 Hrs.
6.	62251204	DLC	Lab-II#	-	-	-	-	70	30	-	-	100	-	-	4	2	Experiential	SO	-
7.	62251205	DLC	Seminar/Presentation*	-	-	-	-	70	30	-	-	100	-	-	4	2	Mentoring	SO	-
8.	622512XX	NEC	Classified Novel Engaging Course (Activity Based Learning)	-	-	-	-	-	50	-	-	50	-	1	-	1	Interactive	SO	-
Total				100	100	80	120	140	110	25	75	750	12	04	08	20	-	-	-

MCQ: Multiple Choice Question **PP:** Pen Paper **SO:** Submission + Oral **OB:** Open Book

* This course will run through SWAYAM / NPTEL / MOOC based learning platform (with credit transfer facility). The course can be related & relevant to other domain as well.

[#] During lab, students have to perform practical/assignments/minor projects related to the courses of respective semester using recent technologies / languages / tools etc.

[§] Seminar/Presentation through SWAYAM / NPTEL (Registration in a course will be compulsory for students but assessment will be based on internal seminar presentation).

DE-2* (through SWAYAM / NPTEL / MOOC)		
S. No.	Course Code	Course Name
1.		
2.		

Mode of Learning								Mode of Examination				Total Credits
Theory		Lab					CNEC	Theory			Lab	
Face to Face	Online	Face to Face	Blended	Experiential	Experimental	Mentoring	Interactive	PP	MCQ	OB	SO	
12	3	-		2		2	1	12	3		5	20
60	15	-		10		10	5	60	15		25	Credits %



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Scheme of Evaluation
M. Tech. III Semester (CSE)

(for batch admitted in academic session 2025-26)

S. No.	Course Code	Category Code	Course Name	Maximum Marks Allotted						Total Marks	Contact Hours per week			Total Credits	Mode of Learning	Mode of Exam.	Duration of Exam.
				Theory Block					Practical Block								
				Continuous Evaluation			Major Evaluation	Continuous Evaluation	Major Evaluation								
				Minor Evaluation I	Minor Evaluation II	Quiz/ Assignment		Lab Work & Sessional									
1.	62252101	DLC	Preliminary Dissertation (Literature Review/ Problem Foundation/ Synopsis/ survey paper, etc.)	-	-	-	-	175	75	250	-	-	28	14	Interactive	SO	-
Total				-	-	-	-	175	75	250	-	-	28	14	-	-	-



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Scheme of Evaluation
M. Tech. IV Semester (CSE)

(for batch admitted in academic session 2025-26)

S. No.	Course Code	Category Code	Course Name	Maximum Marks Allotted						Total Marks	Contact Hours per week			Total Credits	Mode of Learning	Mode of Exam.	Duration of Exam.
				Theory Block					Practical Block								
				Continuous Evaluation				Major Evaluation	Continuous Evaluation		Major Evaluation						
				Minor Evaluation I	Minor Evaluation II	Quiz/ Assignment	Lab Work & Sessional										
1.	62252201	DLC	Dissertation	-	-	-	-	350	150	500	-	-	32	16	Interactive	SO	-
Total				-	-	-	-	350	150	500	-	-	32	16	-	-	-



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Specialization in AI and ML					
Description	This module will help in Employability & Real-world problem solving				
Courses and Credits required	2 courses and 6 credits				
Course Category	Course ID	Course Title	Contact Hours per week		
			L	T	P
SPC-1	62251110	Pattern Recognition & Machine learning	2	1	
SPC-2	62251208	Deep Learning	2	1	

Specialization in Computing and Data Science					
Description	This module will help in Skill Enhancement				
Courses and Credits required	2 courses and 6 credits				
Course Category	Course ID	Course Title	Contact Hours per week		
			L	T	P
SPC-1	62251111	Big Data and Cloud Computing	2	1	
SPC-2	62251209	Data Analytics	2	1	



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Classified Novel Engaging Course (Activity Based Learning)

M. Tech. I Semester (*CSE*)

S.No.	Course Name	Course Code
1.	Applied IoT	62251112
2.	Probability and Statistics	62251113



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Classified Novel Engaging Course (Activity Based Learning)

M. Tech. II Semester (*CSE*)

Classified Novel Engaging Course		
1.	Artificial Intelligence & Neural Networks	62251210
2.	Data Science using Python	62251211