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 2024-25)

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			L	T	P				
				Continuous Evaluation			Major Evaluation	Continuous Evaluation	Major Evaluation								
				Minor Evaluation I	Minor Evaluation II	Quiz/ Assignment		Lab Work & Sessional									
1.	63241101	DC	Database Systems	20	20	30	30	-	-	100	3	-	-	3	Face to Face	PP	2 Hrs.
2.	63241102	DC	Distributed Computing	20	20	30	30	-	-	100	2	1	-	3	Face to Face	PP	2 Hrs.
3.	63241103	DC	Image Processing & Computer Vision	20	20	30	30	-	-	100	2	1	-	3	Face to Face	PP	2 Hrs.
4.		DE	**Departmental Elective (DE-1)**	20	20	30	30	-	-	100	3	-	-	3	Face to Face	PP	2 Hrs.
5.		SC	**Specialization Course (SC-1)**	20	20	30	30	-	-	100	3	-	-	3	Face to Face	PP	2 Hrs.
6.	63241104	DLC	**Lab-I[#]**	-	-	-	-	70	30	100	-	-	4	2	Experiential	SO	-
7.	63241105	DLC	**Seminar/Presentation[$]**	-	-	-	-	70	30	100	-	-	4	2	Blended	SO	-
8.	63241106	NEC	**Classified Novel Engaging Course (Activity Based Learning)**	-	-	-	-	-	50	50	-	1	-	1	Interactive	SO	-
			Total	100	100	150	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).
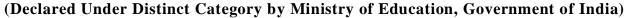
DE-1		
S. No.	Course Code	Course Name
1.	63241107	Mobile Computing & M-Commerce
2.	63241108	Adhoc & Sensor Based Networks
3.	63241109	Network Security
4.	63241110	High-speed Networks

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	20
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 2024-25)

S. No.	Course Code	Category Code	Course Name	Theory Block — Continuous Evaluation — Minor Evaluation I	Minor Evaluation II	Quiz/ Assignment	Major Evaluation	Practical Block — Continuous Evaluation	Major Evaluation	MOOCs — Assignment	Exam	Total Marks	L	T	P	Total Credits	Mode of Learning	Mode of Exam.	Duration of Exam.
1.	63241201	DC	Algorithm Design Techniques & Analysis	20	20	30	30	-	-	-	-	100	3	-	-	3	Face to Face	PP	2 Hrs.
2.	63241202	DC	Digital Watermarking & Steganalysis	20	20	30	30	-	-	-	-	100	2	1	-	3	Face to Face	PP	2 Hrs.
3.	63241203	DC	Natural Language Processing	20	20	30	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)	20	20	30	30	-	-	-	-	100	2	1	-	3	Face to Face	PP	2 Hrs.
6.	63241204	DLC	Lab-II#	-	-	-	-	70	30	-	-	100	-	-	4	2	Experiential	SO	-
7.	63241205	DLC	Seminar/Presentation$	-	-	-	-	70	30	-	-	100	-	-	4	2	Mentoring	SO	-
8.	63241206	NEC	Classified Novel Engaging Course (Activity Based Learning)	-	-	-	-	-	50	-	-	50	-	1	-	1	Interactive	SO	-
Total				80	80	120	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		
9	3	3		2		2	1	12	3		5		20
45	15	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 2024-25)

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		L	T	P				
				Minor Evaluation I	Minor Evaluation II	Quiz/ Assignment		Lab Work & Sessional									
1.	63242101	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 2024-25)

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		L	T	P				
				Minor Evaluation I	Minor Evaluation II	Quiz/ Assignment		Lab Work & Sessional									
1.	63242201	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	63241111	Pattern Recognition & Machine leaning	2	1	
SPC-2	63241207	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	63241112	Big Data and Cloud Computing	2	1	
SPC-2	63241208	Data Analytics	2	1	

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Classified Novel Engaging Course (Activity Based Learning)

- Applied IoT
- Probability and Statistics