



MADHAV INSTITUTE OF TECHNOLOGY & SCIENCE, GWALIOR
(A Govt. Aided UGC Autonomous & NAAC Accredited Institute affiliated to RGPV, Bhopal)

Department of Information Technology

Scheme of Evaluation

B. Tech. II Semester (Artificial Intelligence (AI) and Data Science)

(for batch admitted in academic session 2022-23)

S. No.	Subject Code	Category Code	Subject Name	Maximum Marks Allotted							Total Marks	Contact Hours per week			Total Credits	Mode of Teaching	Mode of Exam.	Duration of Exam.
				Theory Slot				Practical Slot				L	T	P				
				End Term Evaluation		Continuous Evaluation		End Sem. Exam.	Continuous Evaluation									
				End Sem. Exam	Proficiency in subject /course	Mid Sem. Exam.	Quiz/ Assignment		Lab Work & Sessional	Skill Based Mini Project								
1.	2270221	DC	Data Structures	50	10	20	20	60	20	20	200	3	-	2	4	Offline	PP	2 Hrs
2.	2270222	DC	Python Programming	50	10	20	20	60	20	20	200	2	1	2	4	Blended	PPAO	2 Hrs
3.	2270223	DC	Database Management System	50	10	20	20	60	20	20	200	2	1	2	4	Blended	AO PP	2 Hrs
4.	2270224	DC	Operating System	50	10	20	20	-	-	-	100	2	1	-	3	Blended	PP	2 Hrs
5.	2250106	BSC	Probability and Random Process	50	10	20	20	-	-	-	100	3	1	-	4	Blended	PP	2 Hrs
Total				250	50	100	100	180	60	60	800	12	04	06	19	-	-	-
6.	3000002	Natural Sciences & Skills	Engineering Chemistry	50	10	20	20	30	10	10	150	1	-	2	GRADE	Blended	MCQ	1.5 Hrs

Induction programme of three weeks (MC): Physical activity, Creative Arts, Universal Human Values, Literary, Proficiency Modules, Lectures by Eminent People, Visits to local Areas, Familiarization to Dept./Branch & Innovations. SIP-I (Institute level): minimum two week duration.

Proficiency in course/subject – includes the weightage towards ability/ skill/ competency /knowledge level /expertise attained etc. in that particular course/subject

Natural Sciences & Skills: Engineering Physics / Engineering Chemistry / Environmental Engineering / Language

Credits of Natural Sciences & Skills will be added in the VI Semester

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

MHO
02.05.2023
DEAN (ACADEMICS)

M.I.T.S
GWALIOR

Mode of Teaching			Mode of Examination				Total Credits
Theory		Lab	Theory			Lab	
Offline	Online	Blended	Offline	PP	AO	MCQ	SO
04	-	12	03	13	03	-	03
21.05%	-	63.16%	15.79%	68.42%	15.79%	-	15.79%
							Credits %

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Department of Information Technology
Scheme of Evaluation

B. Tech. II Semester (*Artificial Intelligence (AI) and Machine Learning*)

(for batch admitted in academic session 2022-23)

S. No.	Subject Code	Category Code	Subject Name	Maximum Marks Allotted							Total Marks	Contact Hours per week			Total Credits	Mode of Teaching	Mode of Exam.	Duration of Exam.
				Theory Slot				Practical Slot				L	T	P				
				End Term Evaluation		Continuous Evaluation		End Sem. Exam.	Continuous Evaluation									
				End Sem. Exam	Proficiency in subject/course	Mid Sem. Exam.	Quiz/Assignment		Lab Work & Sessional	Skill Based Mini Project								
1.	2280221	DC	Data Structures	50	10	20	20	60	20	20	200	3	-	2	4	Offline	PP	2 Hrs
2.	2280222	DC	Python Programming	50	10	20	20	60	20	20	200	2	1	2	4	Blended	PPAO	2 Hrs
3.	2280223	DC	Database Management System	50	10	20	20	60	20	20	200	2	1	2	4	Blended	AO PP	2 Hrs
4.	2280224	DC	Operating System	50	10	20	20	-	-	-	100	2	1	-	3	Blended	PP	2 Hrs
5.	2250106	BSC	Probability and Random Process	50	10	20	20	-	-	-	100	3	1	-	4	Blended	PP	2 Hrs
Total				250	50	100	100	180	60	60	800	12	04	06	19	-	-	-
6.	3000002	Natural Sciences & Skills	Engineering Chemistry	50	10	20	20	30	10	10	150	1	-	2	GRADE	Blended	MCQ	1.5 Hrs

Induction programme of three weeks (MC): Physical activity, Creative Arts, Universal Human Values, Literary, Proficiency Modules, Lectures by Eminent People, Visits to local Areas, Familiarization to Dept./Branch & Innovations. SIP-I (multitask/eval): Minimum two week duration.

⁵Proficiency in course/subject – includes the weightage towards ability/ skill/ competency /knowledge level /expertise attained etc. in that particular course/subject

Natural Sciences & Skills: Engineering Physics / Engineering Chemistry / Environmental Engineering / Language

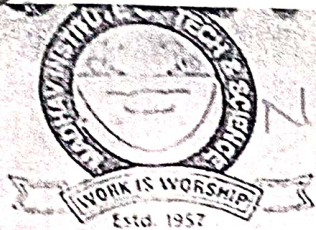
Credits of Natural Sciences & Skills will be added in the VI Semester

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

M.K.O.
07.05.2023
DEAN (ACADEMICS)

Mode of Teaching				Mode of Examination				Total Credits
Theory			Lab	Theory			Lab	
Offline	Online	Blended	Offline	PP	AO	MCQ	SO	19
04	-	12	03	13	03	-	03	
21.05%	-	63.16%	15.79%	68.42%	15.79%	-	15.79%	Credits %

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MADHAV INSTITUTE OF TECHNOLOGY & SCIENCE, GWALIOR
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No correction

Department of Information Technology
Scheme of Evaluation

B. Tech. II Semester (Information Technology (Artificial Intelligence and Robotics))

(for batch admitted in academic session 2022-23)

S. No.	Subject Code	Category Code	Subject Name	Maximum Marks Allotted							Total Marks	Contact Hours per week			Total Credits	Mode of Teaching	Mode of Exam.	Duration of Exam.
				Theory Slot				Practical Slot				L	T	P				
				End Term Evaluation		Continuous Evaluation		End Sem. Exam.	Continuous Evaluation									
				End Sem. Exam	Proficiency in subject/course	Mid Sem. Exam.	Quiz/Assignment		Lab Work & Sessional	Skill Based Mini Project								
1.	2240221	DC	Discrete Structures	50	10	20	20	-	-	-	100	2	1	-	3	Offline	PP	2 Hrs
2.	2240222	DC	Data Structures	50	10	20	20	60	20	20	200	3	-	2	4	Blended	PP	2 Hrs
3.	2240223	DC	Python Programming	50	10	20	20	60	20	20	200	2	1	2	4	Blended	AO	2 Hrs
4.	2240224	DC	Database Management System	50	10	20	20	60	20	20	200	2	1	2	4	Blended	PP	2 Hrs
5.	2220202	DC	Sensor Technology	50	10	20	20	60	20	20	200	3	-	2	4	Blended	PP	2 Hrs
Total				250	50	100	100	240	80	80	900	12	03	08	19	-	-	-
6.	3000002	Natural Sciences & Skills	Engineering Chemistry	50	10	20	20	30	10	10	150	1	-	2	GRADE	Blended	MCQ	1.5 Hrs

Induction programme of three weeks (MC): Physical activity, Creative Arts, Universal Human Values, Literary, Proficiency Modules, Lectures by Eminent People, Visits to local Areas, Familiarization to Dept./Branch & Innovations. **SIP-I (Institute level): minimum Two Week duration**

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Credits of Natural Sciences & Skills will be added in the VI Semester

MCQ: Multiple Choice Question

AO: Assignment + Oral

PP: Pen Paper

SO: Submission + Oral

Mode of Teaching				Mode of Examination				Total Credits
Theory			Lab	Theory			Lab	
Offline	Online	Blended	Offline	PP	AO	MCQ	SO	
03	-	12	04	12	03	-	4	19
15.79%	-	63.16%	21.05%	63.16%	15.79%	-	21.05%	Credits %

MNO
 02.08.2023
DEAN (ACADEMICS)
M.I.T.S
GWALIOR

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