



# Madhav Institute of Technology & Science Gwalior (M.P.)

(A Govt. Aided UGC Autonomous Institute Affiliated to RGPV, Bhopal)

**NAAC Accredited with A++ Grade**

**Centre for Artificial Intelligence**

**Scheme of Evaluation**

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

(for batch admitted in academic session 2022 – 23)

DEAN (ACADEMICS)

M.I.T.S

TOP

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.
				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.	2240421	DC	Calculus and Optimization Techniques	50	10	20	20	-	-	-	100	3	1	-	4	Offline	PP
2.	2240422	DC	Modern Computer Architecture	50	10	20	20	-	-	-	100	3	1	-	4	Blended	PP
3.	2240423	DC	Control Systems	50	10	20	20	-	-	-	100	3	-	-	3	Blended	PP
4.	2240424	DC	Robot Kinematics	50	10	20	20	60	20	20	200	3	-	2	4	Blended	PP
5.	2240425	DC	Information Security	50	10	20	20	-	-	-	100	3	-	-	3	Blended	PP
6.	2240426	DLC	Java Programming Lab	-	-	-	-	60	20	20	100	-	-	2	1	Offline	SO
7.	200XXX	CLC	Novel Engaging Course (Informal Learning)	-	-	-	-	50	-	-	50	-	-	2	1	Interactive	SO
<b>Total</b>				<b>250</b>	<b>50</b>	<b>100</b>	<b>100</b>	<b>170</b>	<b>40</b>	<b>40</b>	<b>750</b>	<b>15</b>	<b>02</b>	<b>06</b>	<b>20</b>	-	-
8.	1000001	MAC	Indian Constitution and Traditional Knowledge	50	10	20	20	-	-	-	100	2	-	-	GRADE	Blended	MCQ
9.	3000004	Natural Sciences & Skills	Language	50	10	20	20	-	-	-	100	2	-	-	GRADE	Blended	MCQ

**Summer Internship Project-II (Soft skills Based) for two weeks duration: Evaluation in V Semester**

<sup>5</sup> proficiency in course/subject-includes the weightage towards ability/skill/competence/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 PP: Pen Paper SO: Submission + Oral

Teaching Mode					Mode of Examination					Total Credits
Theory		Lab	NEC		Theory		Lab	NEC		
Offline	Online	Blended	Offline	Interactive	PP	A+O	MCQ	SO	SO	
4	-	13	2	1	17	-	-	2	1	20
20	-	65	10	5	85	-	-	10	5	Credits %

*(Handwritten signature)*



# Madhav Institute of Technology & Science Gwalior (M.P.)

(A Govt. Aided UGC Autonomous Institute Affiliated to RGPV, Bhopal)

NAAC Accredited with A++ Grade

## Centre for Artificial Intelligence

### Scheme of Evaluation

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

(for batch admitted in academic session 2022 - 23)

MK  
09/11/2024  
DEAN (ACADEMICS)  
M.I.T.S

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.
				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.	2270421	DC	Calculus and Optimization Techniques	50	10	20	20	-	-	-	100	3	1	-	4	Offline	PP
2.	2270422	DC	Modern Computer Architecture	50	10	20	20	-	-	-	100	3	1	-	4	Blended	PP
3.	2270423	DC	Software Engineering	50	10	20	20	-	-	-	100	3	-	-	3	Blended	MCQ
4.	2270424	DC	Cloud Computing and Virtualization	50	10	20	20	60	20	20	200	3	-	2	4	Blended	PP
5.	2270425	DC	Information Security	50	10	20	20	-	-	-	100	3	-	-	3	Blended	PP
6.	2270426	DLC	Java Programming Lab	-	-	-	-	60	20	20	100	-	-	2	1	Offline	SO
7.	200XXX	CLC	Novel Engaging Course (Informal Learning)	-	-	-	-	50	-	-	50	-	-	2	1	Interactive	SO
<b>Total</b>				<b>250</b>	<b>50</b>	<b>100</b>	<b>100</b>	<b>170</b>	<b>40</b>	<b>40</b>	<b>750</b>	<b>15</b>	<b>02</b>	<b>06</b>	<b>20</b>	-	-
8.	1000001	MAC	Indian Constitution and Traditional Knowledge	50	10	20	20	-	-	-	100	2	-	-	GRADE	Online	MCQ
9.	3000004	Natural Sciences & Skills	Language	50	10	20	20	-	-	-	100	2	-	-	GRADE	Blended	MCQ

Summer Internship Project-II (Soft skills Based) for two weeks duration: Evaluation in V Semester

<sup>5</sup> proficiency in course/subject-includes the weightage towards ability/skill/competence/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 PP: Pen Paper SO: Submission + Oral

										Mode of Examination				Total Credits
Theory		Lab	NEC	Theory		Lab	NEC		Total Credits					
Offline	Online	Blended	Offline	Interactive	PP	A+O	MCQ	SO		SO				
3	-	13	3	1	13	-	3	3	1	20				
20	-	65	10	5	70	-	15	10	5	Credits %				

Handwritten signatures and initials at the bottom of the page.



# Madhav Institute of Technology & Science Gwalior (M.P.)

(A Govt. Aided UGC Autonomous Institute Affiliated to RGPV, Bhopal)

NAAC Accredited with A++ Grade

## Centre for Artificial Intelligence

### Scheme of Evaluation

#### B. Tech. IV Semester (Artificial Intelligence (AI) and Machine Learning)

(for batch admitted in academic session 2022 – 23)

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

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.
				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.	2280421	DC	Calculus and Optimization Techniques	50	10	20	20	-	-	-	100	3	1	-	4	Offline	PP
2.	2280422	DC	Modern Computer Architecture	50	10	20	20	-	-	-	100	3	1	-	4	Blended	PP
3.	2280423	DC	Software Engineering	50	10	20	20	-	-	-	100	3	-	-	3	Blended	MCQ
4.	2280424	DC	Cloud Computing and Virtualization	50	10	20	20	60	20	20	200	3	-	2	4	Blended	PP
5.	2280425	DC	Information Security	50	10	20	20	-	-	-	100	3	-	-	3	Blended	PP
6.	2280426	DLC	Java Programming Lab	-	-	-	-	60	20	20	100	-	-	2	1	Offline	SO
7.	200XXX	CLC	Novel Engaging Course (Informal Learning)	-	-	-	-	50	-	-	50	-	-	2	1	Interactive	SO
<b>Total</b>				<b>250</b>	<b>50</b>	<b>100</b>	<b>100</b>	<b>170</b>	<b>40</b>	<b>40</b>	<b>750</b>	<b>15</b>	<b>02</b>	<b>06</b>	<b>20</b>	-	-
8.	1000001	MAC	Indian Constitution and Traditional Knowledge	50	10	20	20	-	-	-	100	2	-	-	GRADE	Online	MCQ
9.	3000004	Natural Sciences & Skills	Language	50	10	20	20	-	-	-	100	2	-	-	GRADE	Blended	MCQ

**Summer Internship Project-II (Soft skills Based) for two weeks duration: Evaluation in V Semester**

<sup>5</sup> proficiency in course/subject-includes the weightage towards ability/skill/competence/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    PP: Pen Paper    SO: Submission + Oral

Theory						Mode of Examination					Total Credits
Offline	Online	Blended	Lab	NEC	Interactive	Theory	Lab	NEC	SO		
3	-	13	3	1	13	A+O	MCQ	SO	SO	20	
20	-	65	10	5	70	-	15	10	5	Credits %	