Centre for Artificial Intelligence

Scheme of Evaluation

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

(for batch admitted in academic session 2023 – 24)

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/ Assign ment		Lab Work & Sessional	Skill Based Mini Project							
1.	3240421	DC	Calculus and Optimization Techniques	50	10	20	20	-	-	-	100	3	1	-	4	Offline	PP
2.	3240422	DC	Computer Networks	50	10	20	20	-	-	-	100	3	1	-	4	Blended	PP
3.	3240423	DC	Control Systems	50	10	20	20	-	-	-	100	3	-	-	3	Blended	PP
4.	3240424	DC	Database Management System	50	10	20	20	40	30	30	200	3	-	2	4	Blended	PP
5.	3240425	DC	Sensor Technology	50	10	20	20	-	-	-	100	3	-	-	3	Blended	PP
6.	3240426	DLC	Java Programming Lab	-	-	-	-	40	30	30	100	-	-	2	1	Offline	SO
7.	200XXX	CLC	Novel Engaging Course (Informal Learning)	-	-	-	-	50	-	-	50	-	-	2	1	Interactive	SO
	Total			**250**	**50**	**100**	**100**	**130**	**60**	**60**	**750**	**15**	**02**	**06**	**20**	**-**	**-**
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	30	10	10	150	1	-	2	GRADE	Blended	MCQ
	Summer Internship Project-II (Soft skills Based) for two weeks duration: Evaluation in V Semester																

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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	-	14	1	1	18	-	-	1	1	**20**
20	-	**70**	**5**	**5**	**90**	-	-	**5**	**5**	**Credits %**

माधव प्रौद्योगिकी एवं विज्ञान संस्थान, ग्वालियर (म.प्र.), भारत
MADHAV INSTITUTE OF TECHNOLOGY & SCIENCE, GWALIOR (M.P.), INDIA
Deemed University
(Declared under Distinct Category by Ministry of Education, Government of India)
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 2023 – 24)

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.	3270421	DC	Calculus and Optimization Techniques	50	10	20	20	-	-	-	100	3	1	-	4	Offline	PP
2.	3270422	DC	Theory of Computation	50	10	20	20	-	-	-	100	3	1	-	4	Blended	PP
3.	3270423	DC	Software Engineering	50	10	20	20	-	-	-	100	3	-	-	3	Blended	MCQ
4.	3270424	DC	Cloud Computing and Virtualization	50	10	20	20	40	30	30	200	3	-	2	4	Blended	PP
5.	3270425	DC	Information Security	50	10	20	20	-	-	-	100	3	-	-	3	Blended	PP
6.	3270426	DLC	Java Programming Lab	-	-	-	-	40	30	30	100	-	-	2	1	Offline	SO
7.	200XXX	CLC	Novel Engaging Course (Informal Learning)	-	-	-	-	50	-	-	50	-	-	2	1	Interactive	SO
	Total			250	50	100	100	130	60	60	750	15	02	06	20	-	-
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	30	10	10	150	1	-	2	GRADE	Blended	MCQ

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

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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	-	14	1	1	15	-	3	1	1	20
20	-	70	5	5	75	-	15	5	5	Credits %

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Centre for Artificial Intelligence

Scheme of Evaluation
B. Tech. IV Semester *(Artificial Intelligence (AI) and Machine Learning)*

(for batch admitted in academic session 2023 – 24)

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/ Assign ment		Lab Work & Sessional	Skill Based Mini Project							
1.	3280421	DC	Calculus and Optimization Techniques	50	10	20	20	-	-	-	100	3	1	-	4	Offline	PP
2.	3280422	DC	Theory of Computation	50	10	20	20	-	-	-	100	3	1	-	4	Blended	PP
3.	3280423	DC	Software Engineering	50	10	20	20	-	-	-	100	3	-	-	3	Blended	MCQ
4.	3280424	DC	Cloud Computing and Virtualization	50	10	20	20	40	30	30	200	3	-	2	4	Blended	PP
5.	3280425	DC	Information Security	50	10	20	20	-	-	-	100	3	-	-	3	Blended	PP
6.	3280426	DLC	Java Programming Lab	-	-	-	-	40	30	30	100	-	-	2	1	Offline	SO
7.	200XXX	CLC	Novel Engaging Course (Informal Learning)	-	-	-	-	50	-	-	50	-	-	2	1	Interactive	SO
			Total	**250**	**50**	**100**	**100**	**130**	**60**	**60**	**750**	**15**	**02**	**06**	**20**	-	-
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	30	10	10	150	1	-	2	GRADE	Blended	MCQ
			Summer Internship Project-II (Soft skills Based) for two weeks duration: Evaluation in V Semester														

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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	-	14	1	1	15	-	3	1	1	**20**
20	**-**	**70**	**5**	**5**	**75**	**-**	**15**	**5**	**5**	**Credits %**