



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.	⁵ Proficiency in subject /course	Mid Sem. Exam.	Quiz/ Assignment		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	60	20	20	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	-	-	-	-	60	20	20	100	-	-	2	1	Offline	SO
7.	200XXX	CLC	Novel Engaging Course (Informal Learning)	-	-	-	-	50	-	-	50	-	-	2	1	Interactive	SO
Total				250	50	100	100	170	40	40	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

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

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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.	⁵ 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	60	20	20	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	-	-	-	-	60	20	20	100	-	-	2	1	Offline	SO
7.	200XXX	CLC	Novel Engaging Course (Informal Learning)	-	-	-	-	50	-	-	50	-	-	2	1	Interactive	SO
Total				250	50	100	100	170	40	40	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

Mode of Examination										Total Credits	
Theory			Lab		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/ Assignment		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	60	20	20	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	-	-	-	-	60	20	20	100	-	-	2	1	Offline	SO
7.	200XXX	CLC	Novel Engaging Course (Informal Learning)	-	-	-	-	50	-	-	50	-	-	2	1	Interactive	SO
Total				250	50	100	100	170	40	40	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

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					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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