



Centre for Artificial Intelligence

Scheme of Evaluation

B. Tech. II Semester (*Artificial Intelligence (AI)*)

(for batch admitted in academic session 2025-26)

S. No.	Course Code	Category Code	Course Name	Maximum Marks Allotted						Total Marks	Contact Hours per week			Total Credits	Mode of Learning	Mode of Major Evaluation	Duration of Major Evaluation							
				Theory Block			Practical Block				Major Evaluation	Continuous Evaluation	Lab Work & Sessional	Major Evaluation	L	T	P							
				Continuous Evaluation		Minor Evaluation I	Minor Evaluation II	Quiz/Assignment	Major Evaluation															
				Minor Evaluation I	Minor Evaluation II																			
1.	31251201	BSC	Discrete Structures	25	25	20	30	-	-	100	3	-	-	3	Face to Face	MCQ	2 Hrs							
2.	31251202	DC	Modern Computer Architecture	25	25	20	30	-	-	100	2	1	-	3	Face to Face	MCQ	2 Hrs							
3.	31251203	DC	Object Oriented Programming	25	25	20	30	-	-	100	2	1	-	3	Face to Face	MCQ	2 Hrs							
4.	31251204	DC	Data Structures	25	25	20	30	-	-	100	2	1	-	3	Face to Face	MCQ	2 Hrs							
5.	31251205	ESC	Basic Electrical & Electronics Engineering	25	25	20	30	-	-	100	2	-	-	2	Face to Face	MCQ	2 Hrs							
6.	31251206	DLC	Object Oriented Programming Lab	-	-	-	-	70	30	100	-	-	2	1	Experimental	AO	-							
7.	31251207	DLC	Data Structures Lab	-	-	-	-	70	30	100	-	-	2	1	Experimental	AO	-							
8.	31251208	DLC	Basic Electrical & Electronics Engineering Lab	-	-	-	-	70	30	100	-	-	2	1	Experimental	AO	-							
9.	31251209	SP	Semester Proficiency ^s	-	-	-	-	50	-	50	-	-	2	1	Face to Face	SO	-							
10.	31251210	PBL	Micro Project-II [#]	-	-	-	-	70	30	100	-	-	2	1	Experiential	SO	-							
11.	NECXXXX	NEC	Novel Engaging Course (Activity Based Learning)	-	-	-	-	50	-	50	-	1	-	1	Interactive	SO	-							
12.	SIP1XXXX	SIP	Skill Internship Program (Soft Skill)	-	-	-	-	60	-	60	-	-	-	2**	Experiential	SO	-							
Total				125	125	100	150	440	120	1060	11	04	10	22	-	-	-							
13.	31251211	MAC	Sustainability & Environmental Science	-	-	-	-	100	-	100	-	2	-	GRADE	Blended	SO	-							
14.	31251212	MWS	Mandatory Workshop on Career Planning & Goal Setting at Department Level	-	-	-	-	-	-	-	-	-	-	GRADE	Interactive	MCQ	-							

Summer Semester of six-eight week duration will be conducted for makeup of I & II semester examination.

^sSemester Proficiency— includes the weightage towards ability/ skill/ competency /knowledge level /expertise attained etc. in the semester courses

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

**These credits will be transferred from the Skill Internship Program (Soft Skill).

#Micro Project-II will be presented and evaluated through an interdisciplinary project evaluation committee.

HSMC	BSC	ESC	DC	DE	SPC	OC	DLC	NEC	SP	SIP	SLP	PDC	PBL	MAC	MWS
0	1	1	3	0	0	0	3	1	1	0	0	0	1	1	1

Mode of Learning					Mode of Examination					Total Credits
Face to Face	Interactive	Blended	Experiential	Experimental	PP	AO	MCQ	OB	SO	
15	1	0	3	3	7	3	7	0	5	22
68	4	0	14	14	31.82	13.63	31.82	0	22.73	Credits %



Centre for Artificial Intelligence

Scheme of Evaluation

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

(for batch admitted in academic session 2025-26)

S. No.	Course Code	Category Code	Course Name	Maximum Marks Allotted						Total Marks	Contact Hours per week			Total Credits	Mode of Learning	Mode of Major Evaluation	Duration of Major Evaluation							
				Theory Block			Practical Block				Major Evaluation	Continuous Evaluation	Lab Work & Sessional	Major Evaluation	L	T	P							
				Continuous Evaluation		Minor Evaluation I	Minor Evaluation II	Quiz/Assignment	Major Evaluation															
				Minor Evaluation I	Minor Evaluation II																			
1.	24251201	BSC	Discrete Structures	25	25	20	30	-	-	100	3	-	-	3	Face to Face	MCQ	2 Hrs							
2.	24251202	DC	Modern Computer Architecture	25	25	20	30	-	-	100	2	1	-	3	Face to Face	MCQ	2 Hrs							
3.	24251203	DC	Object Oriented Programming	25	25	20	30	-	-	100	2	1	-	3	Face to Face	MCQ	2 Hrs							
4.	24251204	DC	Data Structures	25	25	20	30	-	-	100	2	1	-	3	Face to Face	MCQ	2 Hrs							
5.	24251205	DC	Sensors and Actuators	25	25	20	30	-	-	100	2	-	-	2	Face to Face	MCQ	2 Hrs							
6.	24251206	DLC	Object Oriented Programming Lab	-	-	-	-	70	30	100	-	-	2	1	Experimental	AO	-							
7.	24251207	DLC	Data Structures Lab	-	-	-	-	70	30	100	-	-	2	1	Experimental	AO	-							
8.	24251208	DLC	Sensors and Actuators Lab	-	-	-	-	70	30	100	-	-	2	1	Experimental	AO	-							
9.	24251209	SP	Semester Proficiency ^s	-	-	-	-	50	-	50	-	-	2	1	Face to Face	SO	-							
10.	24251210	PBL	Micro Project-II [#]	-	-	-	-	70	30	100	-	-	2	1	Experiential	SO	-							
11.	NECXXXX	NEC	Novel Engaging Course (Activity Based Learning)	-	-	-	-	50	-	50	-	1	-	1	Interactive	SO	-							
12.	SIP1XXXX	SIP	Skill Internship Program (Soft Skill)	-	-	-	-	60	-	60	-	-	-	2**	Experiential	SO	-							
				Total	125	125	100	150	440	120	1060	11	04	10	22	-	-	-						
13.	24251211	MAC	Sustainability & Environmental Science	-	-	-	-	100	-	100	-	2	-	GRADE	Blended	SO	-							
14.	24251212	MWS	Mandatory Workshop on Career Planning & Goal Setting at Department Level	-	-	-	-	-	-	-	-	-	-	GRADE	Interactive	MCQ	-							

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HSMC	BSC	ESC	DC	DE	SPC	OC	DLC	NEC	SP	SIP	SLP	PDC	PBL	MAC	MWS
0	1	0	4	0	0	0	3	1	1	0	0	0	1	1	1

Mode of Learning					Mode of Examination					Total Credits
Face to Face	Interactive	Blended	Experiential	Experimental	PP	AO	MCQ	OB	SO	
15	1	0	3	3	7	3	7	0	5	22
68	4	0	14	14	31.82	13.63	31.82	0	22.73	Credits %



Centre for Artificial Intelligence

Scheme of Evaluation

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

(for batch admitted in academic session 2025-26)

S. No.	Course Code	Category Code	Course Name	Maximum Marks Allotted						Total Marks	Contact Hours per week			Total Credits	Mode of Learning	Mode of Major Evaluation	Duration of Major Evaluation											
				Theory Block			Practical Block				Major Evaluation	Continuous Evaluation	Lab Work & Sessional	Major Evaluation	L	T	P											
				Continuous Evaluation																								
				Minor Evaluation I	Minor Evaluation II	Quiz/Assignment																						
1.	27251201	BSC	Discrete Structures	25	25	20	30	-	-	100	3	-	-	3	Face to Face	MCQ	2 Hrs											
2.	27251202	DC	Modern Computer Architecture	25	25	20	30	-	-	100	2	1	-	3	Face to Face	MCQ	2 Hrs											
3.	27251203	DC	Object Oriented Programming	25	25	20	30	-	-	100	2	1	-	3	Face to Face	MCQ	2 Hrs											
4.	27251204	DC	Data Structures	25	25	20	30	-	-	100	2	1	-	3	Face to Face	MCQ	2 Hrs											
5.	27251205	ESC	Basic Electrical & Electronics Engineering	25	25	20	30	-	-	100	2	-	-	2	Face to Face	MCQ	2 Hrs											
6.	27251206	DLC	Object Oriented Programming Lab	-	-	-	-	70	30	100	-	-	2	1	Experimental	AO	-											
7.	27251207	DLC	Data Structures Lab	-	-	-	-	70	30	100	-	-	2	1	Experimental	AO	-											
8.	27251208	DLC	Basic Electrical & Electronics Engineering Lab	-	-	-	-	70	30	100	-	-	2	1	Experimental	AO	-											
9.	27251209	SP	Semester Proficiency ^s	-	-	-	-	50	-	50	-	-	2	1	Face to Face	SO	-											
10.	27251210	PBL	Micro Project-II [#]	-	-	-	-	70	30	100	-	-	2	1	Experiential	SO	-											
11.	NECXXXX	NEC	Novel Engaging Course (Activity Based Learning)	-	-	-	-	50	-	50	-	1	-	1	Interactive	SO	-											
12.	SIP1XXXX	SIP	Skill Internship Program (Soft Skill)	-	-	-	-	60	-	60	-	-	-	2**	Experiential	SO	-											
				125	125	100	150	440	120	1060	11	04	10	22	-	-	-											
13.	27251211	MAC	Sustainability & Environmental Science	-	-	-	-	100	-	100	-	2	-	GRADE	Blended	SO	-											
14.	27251212	MWS	Mandatory Workshop on Career Planning & Goal Setting at Department Level													GRADE	Interactive	MCQ										

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#Micro Project-II will be presented and evaluated through an interdisciplinary project evaluation committee.

HSMC	BSC	ESC	DC	DE	SPC	OC	DLC	NEC	SP	SIP	SLP	PDC	PBL	MAC	MWS
0	1	0	3	0	0	0	3	1	1	0	0	0	1	1	1

Mode of Learning					Mode of Examination					Total Credits
Face to Face	Interactive	Blended	Experiential	Experimental	PP	AO	MCQ	OB	SO	
15	1	0	3	3	7	3	7	0	5	22
68	4	0	14	14	31.82	13.63	31.82	0	22.73	Credits %



Centre for Artificial Intelligence

Scheme of Evaluation

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

(for batch admitted in academic session 2025-26)

S. No.	Course Code	Category Code	Course Name	Maximum Marks Allotted						Total Marks	Contact Hours per week			Total Credits	Mode of Learning	Mode of Major Evaluation	Duration of Major Evaluation							
				Theory Block			Practical Block				Major Evaluation	Continuous Evaluation	Lab Work & Sessional	Major Evaluation	L	T	P							
				Continuous Evaluation		Minor Evaluation I	Minor Evaluation II	Quiz/Assignment	Major Evaluation															
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1.	28251201	BSC	Discrete Structures	25	25	20	30	-	-	100	3	-	-	3	Face to Face	MCQ	2 Hrs							
2.	28251202	DC	Modern Computer Architecture	25	25	20	30	-	-	100	2	1	-	3	Face to Face	MCQ	2 Hrs							
3.	28251203	DC	Object Oriented Programming	25	25	20	30	-	-	100	2	1	-	3	Face to Face	MCQ	2 Hrs							
4.	28251204	DC	Data Structures	25	25	20	30	-	-	100	2	1	-	3	Face to Face	MCQ	2 Hrs							
5.	28251205	ESC	Basic Electrical & Electronics Engineering	25	25	20	30	-	-	100	2	-	-	2	Face to Face	MCQ	2 Hrs							
6.	28251206	DLC	Object Oriented Programming Lab	-	-	-	-	70	30	100	-	-	2	1	Experimental	AO	-							
7.	28251207	DLC	Data Structures Lab	-	-	-	-	70	30	100	-	-	2	1	Experimental	AO	-							
8.	28251208	DLC	Basic Electrical & Electronics Engineering Lab	-	-	-	-	70	30	100	-	-	2	1	Experimental	AO	-							
9.	28251209	SP	Semester Proficiency ^s	-	-	-	-	50	-	50	-	-	2	1	Face to Face	SO	-							
10.	28251210	PBL	Micro Project-II [#]	-	-	-	-	70	30	100	-	-	2	1	Experiential	SO	-							
11.	NECXXXX	NEC	Novel Engaging Course (Activity Based Learning)	-	-	-	-	50	-	50	-	1	-	1	Interactive	SO	-							
12.	SIP1XXXX	SIP	Skill Internship Program (Soft Skill)	-	-	-	-	60	-	60	-	-	-	2**	Experiential	SO	-							
Total				125	125	100	150	440	120	1060	11	04	10	22	-	-	-							
13.	28251211	MAC	Sustainability & Environmental Science	-	-	-	-	100	-	100	-	2	-	GRADE	Blended	SO	-							
14.	28251212	MWS	Mandatory Workshop on Career Planning & Goal Setting at Department Level	-	-	-	-	-	-	-	-	-	-	GRADE	Interactive	MCQ	-							

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0	1	1	3	0	0	0	3	1	1	0	0	0	1	1	1

Mode of Learning					Mode of Examination					Total Credits
Face to Face	Interactive	Blended	Experiential	Experimental	PP	AO	MCQ	OB	SO	
15	1	0	3	3	7	3	7	0	5	22
68	4	0	14	14	31.82	13.63	31.82	0	22.73	Credits %