

Scheme of
UNDERGRADUATE DEGREE COURSE

Computer Science and Engineering
(Artificial Intelligence)



Rajasthan Technical University, Kota
Effective from session: 2022 – 2023



RAJASTHAN TECHNICAL UNIVERSITY, KOTA

Teaching & Examination Scheme B.Tech Computer Science and Engineering (Artificial Intelligence) 3rd Year - V Semester

THEORY											
SN	Category	Course		Contact hrs/week			Marks			Cr	
		Code	Title	L	T	P	Exm Hrs	IA	ETE		Total
1	PCC	5CAI3-01	Data Mining- Concepts and Techniques	2	0	0	3	30	70	100	2
2	PCC	5CAI4-02	Compiler Design	3	0	0	3	30	70	100	3
3		5CAI4-03	Operating System	3	0	0	3	30	70	100	3
4		5CAI4-04	Computer Graphics & Multimedia	3	0	0	3	30	70	100	3
5		5CAI4-05	Analysis of Algorithm	3	0	0	3	30	70	100	3
6	PEC	5CAI5-11	Fundamentals of Blockchain	2	0	0	3	30	70	100	2
7		5CAI5-12	Mathematical Modelling for Data Science								
8		5CAI5-13	Programming for Data Sciences								
			Sub Total	16	0	0					16
PRACTICAL & SESSIONAL											
9	PCC	5CAI4-21	Computer Graphics & Multimedia Lab	0	0	2	2	60	40	100	1
10		5CAI4-22	Compiler Design Lab	0	0	2	2	60	40	100	1
11		5CAI4-23	Analysis of Algorithm Lab	0	0	2	2	60	40	100	1
12		5CAI4-24	Advanced Java Lab	0	0	2	2	60	40	100	1
13	PSIT	5CAI7-30	Industrial Training	0	0	1		60	40	100	2.5
14	SODECA	5CAI8-00	Social Outreach, Discipline & Extra Curricular Activities						100	100	0.5
			Sub- Total	0	0	9					7
			TOTAL OF V SEMESTER	16	0	9					23

L: Lecture, **T:** Tutorial, **P:** Practical, **Cr:** Credits

ETE: End Term Exam, **IA:** Internal Assessment

Office of Dean Academic Affairs
Rajasthan Technical University, Kota



RAJASTHAN TECHNICAL UNIVERSITY, KOTA

Teaching & Examination Scheme B.Tech Computer Science and Engineering (Artificial Intelligence) 3rd Year - VI Semester

THEORY											
SN	Category	Course		Contact hrs/week			Marks				Cr
		Code	Title	L	T	P	Exam Hrs	IA	ETE	Total	
1	ESC	6CAI3-01	Digital Image Processing	2	0	0	3	30	70	100	2
2	PCC	6CAI4-02	Machine Learning	3	0	0	3	30	70	100	3
3		6CAI4-03	Information Security Systems	2	0	0	3	30	70	100	2
4		6CAI4-04	Computer Architecture and Organization	3	0	0	3	30	70	100	3
5		6CAI4-05	Principles of Artificial Intelligence	2	0	0	3	30	70	100	2
6		6CAI4-06	Cloud Computing	3	0	0	3	30	70	100	3
7	PEC	6CAI5-11	Artificial Neural Network	2	0	0	3	30	70	100	2
8		6CAI5-12	Natural Language Processing (NLP)								
9		6CAI5-13	Predictive Modeling and Analytics								
Sub Total				17	0	0					17
PRACTICAL & SESSIONAL											
8	PCC	6CAI4-21	Digital Image Processing Lab	0	0	3	2	60	40	100	1.5
9		6CAI4-22	Machine Learning Lab	0	0	3	2	60	40	100	1.5
10		6CAI4-23	Python Lab	0	0	3	2	60	40	100	1.5
11		6CAI4-24	Mobile Application Development Lab	0	0	3	2	60	40	100	1.5
12	SODECA	6CAI8-00	Social Outreach, Discipline & Extra Curricular Activities						100	100	0.5
Sub- Total				0	0	12					6.5
TOTAL OF III SEMESTER				17	0	12					23.5

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