

UNDERGRADUATE DEGREE COURSE

B.Tech. V & VI Semester Computer Science and Engineering (Internet of Things)



Rajasthan Technical University, Kota

Effective from session: 2021-22



RAJASTHAN TECHNICAL UNIVERSITY, KOTA

Teaching & Examination Scheme

B.Tech. : Computer Science & Engineering (Internet of Things)

3rd Year - V Semester

THEORY											
SN	Categ ory	Course		Contact hrs/week			Marks				Cr
		Code	Title	L	T	P	Exm Hrs	IA	ETE	Total	
1	ESC	5CIT3-01	Information Theory & Coding	2	0	0	3	30	70	100	2
2	PCC/ PEC	5 CIT4-02	Compiler Design	3	0	0	3	30	70	100	3
3		5 CIT4-03	Operating System	3	0	0	3	30	70	100	3
4		5 CIT4-04	Fundamental of IoT	3	0	0	3	30	70	100	3
6		5 CIT4-05	Analysis of Algorithms	3	0	0	3	30	70	100	3
7		Professional Elective 1: (any one)		2	0	0	3	30	70	100	2
		5 CIT4-11	Wireless Communication								
		5 CIT4-12	Human-Computer Interaction								
		5 CIT4-13	IoT Architecture and Protocols								
		Sub Total		16	0	0		180	420	600	16
PRACTICAL & SESSIONAL											
8	PCC	5 CIT4-21	IoT Lab	0	0	2	2	60	40	100	1
9		5 CIT4-22	Compiler Design Lab	0	0	2	2	60	40	100	1
10		5 CIT4-23	Analysis of Algorithms Lab	0	0	2	2	60	40	100	1
11		5 CIT4-24	Advance Java Lab	0	0	2	2	60	40	100	1
12	PSIT	5 CIT7-30	Industrial Training	0	0	1		60	40	100	2.5
13	SODE CA	5 CIT8-00	Social Outreach, Discipline &Extra Curricular Activities						100	100	0.5
		Sub- Total		0	0	9		300	300	600	7
		TOTAL OF V SEMESTER		16	0	9		480	720	1200	23

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

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



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		Code	Title				Exm Hrs	IA	ETE	Total	
1	ESC	6 CIT3-01	Digital Image Processing	2	0	0	3	30	70	100	2
2	PCC/ PEC	6 CIT4-02	Machine Learning	3	0	0	3	30	70	100	3
3		6 CIT4-03	Information Security System	2	0	0	3	30	70	100	2
4		6 CIT4-04	Computer Architecture and Organization	3	0	0	3	30	70	100	3
5		6 CIT4-05	Artificial Intelligence	2	0	0	3	30	70	100	2
6		6 CIT4-06	Cloud Computing	3	0	0	3	30	70	100	3
7		Professional Elective 1 (any one)		2	0	0	3	30	70	100	2
		6 CIT5-11	Distributed System								
	ESC	6 CIT5-12	Wireless Sensor Network								
	PCC	6 CIT5-13	Privacy And Security In IoT								
		Sub-Total		17	0	0		210	490	700	17
PRACTICAL & SESSIONAL											
8	PCC	6 CIT4-21	Digital Image Processing Lab	0	0	3	2	60	40	100	1.5
9		6 CIT4-22	Machine Learning Lab	0	0	3	2	60	40	100	1.5
10		6 CIT4-23	Python Lab for IoT	0	0	3	2	60	40	100	1.5
11		6 CIT4-24	Mobile Application Development Lab	0	0	3	2	60	40	100	1.5
12	SODE CA	6 CIT4-00	Social Outreach, Discipline &Extra Curricular Activities						100	100	0.5
		Sub- Total		0	0	12		240	260	500	6.5
		TOTAL OF VI SEMESTER		17	0	12		450	750	1200	23.5

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