

Scheme of
UNDERGRADUATE DEGREE COURSE

B.Tech. V & VI Semester

Computer Science and Design



Rajasthan Technical University, Kota

Effective from session: 2021-22



RAJASTHAN TECHNICAL UNIVERSITY, KOTA

Teaching & Examination Scheme B.Tech. : Computer Science & Design 3rd Year – V Semester

THEORY												
SN	Category	Course		Contact hrs/week			Marks				Cr	
		Code	Title	L	T	P	Exm Hrs	IA	ETE	Total		
1	ESC	5CSD3-01	Software Architecture & Design Patterns	2	0	0	3	30	70	100	2	
2	PCC/ PEC	5CSD4-02	Compiler Design	3	0	0	3	30	70	100	3	
3		5CSD4-03	Operating System	3	0	0	3	30	70	100	3	
4		5CSD4-04	Computer Graphics & Multimedia	3	0	0	3	30	70	100	3	
6		5CSD4-05	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
		5CSD5-11	Wireless Communication									
		5CSD5-12	Human-Computer Interaction									
	5CSD5-13	Software Project Management										
		Sub Total		16	0	0		180	420	600	16	
PRACTICAL & SESSIONAL												
8	PCC	5CSD4-21	Computer Graphics & Multimedia Lab	0	0	2	2	60	40	100	1	
9		5CSD4-22	Compiler Design Lab	0	0	2	2	60	40	100	1	
10		5CSD4-23	Analysis of Algorithms Lab	0	0	2	2	60	40	100	1	
11		5CSD4-24	Advance Java Lab	0	0	2	2	60	40	100	1	
12	PSIT	5CSD7-30	Industrial Training	0	0	1		60	40	100	2.5	
13	SODE CA	5CSD8-00	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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Teaching & Examination Scheme B.Tech. : Computer Science & Design 3rd Year – VI Semester

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		Code	Title	L	T	P	Exm Hrs	IA	ETE	Total	
1	ESC	6CSD3-01	Digital Image Processing	2	0	0	3	30	70	100	2
2	PCC/ PEC	6CSD4-02	Machine Learning	3	0	0	3	30	70	100	3
3		6CSD4-03	Software Testing and Project Management	2	0	0	3	30	70	100	2
4		6CSD4-04	Computer Architecture and Organization	3	0	0	3	30	70	100	3
5		6CSD4-05	Artificial Intelligence	2	0	0	3	30	70	100	2
6		6CSD4-06	Cloud Computing	3	0	0	3	30	70	100	3
7		Professional Elective 1 (any one)		2	0	0	3	30	70	100	2
			6CSD5-11	Distributed System							
		6CSD5-12	Software Defined Network								
		6CSD5-13	Ecommerce and ERP								
		Sub-Total		17	0	0		210	490	700	17
PRACTICAL & SESSIONAL											
8	PCC	6CSD4-21	Digital Image Processing Lab	0	0	3	2	60	40	100	1.5
9		6CSD4-22	Machine Learning Lab	0	0	3	2	60	40	100	1.5
10		6CSD4-23	Python Lab	0	0	3	2	60	40	100	1.5
11		6CSD4-24	Mobile Application Development Lab	0	0	3	2	60	40	100	1.5
12	SODE CA	6CSD8-00	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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