

Scheme of
UNDERGRADUATE DEGREE COURSE

Computer Science and Engineering
(Cyber Security)



Rajasthan Technical University, Kota
Effective from session: 2021-22 onwards



RAJASTHAN TECHNICAL UNIVERSITY, KOTA

Teaching & Examination Scheme B.Tech Computer Science and Engineering (Cyber Security) 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	5CCS3-01	Information Theory and Coding	2	0	0	3	30	70	100	2
2	PCC	5CCS4-02	Compiler Design	3	0	0	3	30	70	100	3
3		5CCS4-03	Operating System	3	0	0	3	30	70	100	3
4		5CCS4-04	Computer Graphics & Multimedia	3	0	0	3	30	70	100	3
5		5CCS4-05	Analysis of Algorithm	3	0	0	3	30	70	100	3
6		PEC	5CCS5-11	Cyber Space Operations and Design	2	0	0	3	30	70	100
7	5CCS5-12		Digital Forensics and Incident Response								
8	5CCS5-13		Bioinformatics								
Sub Total				16	0	0		180	420	600	16
PRACTICAL & SESSIONAL											
9	PCC	5CCS4-21	Computer Graphics & Multimedia Lab	0	0	2	2	60	40	100	1
10		5CCS4-22	Compiler Design Lab	0	0	2	2	60	40	100	1
11		5CCS4-23	Analysis of Algorithm Lab	0	0	2	2	60	40	100	1
12		5CCS4-24	Advanced Java Lab	0	0	2	2	60	40	100	1
13	PSIT	5CCS7-30	Industrial Training	0	0	1		60	40	100	2.5
14	SODECA	5CCS8-00	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



RAJASTHAN TECHNICAL UNIVERSITY, KOTA

Teaching & Examination Scheme B.Tech Computer Science and Engineering (Cyber Security) 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	6CCS3-01	Digital Image Processing	2	0	0	3	30	70	100	2
2	PCC	6CCS4-02	Machine Learning	3	0	0	3	30	70	100	3
3		6CCS4-03	Information Security Systems	2	0	0	3	30	70	100	2
4		6CCS4-04	Computer Architecture and Organization	3	0	0	3	30	70	100	3
5		6CCS4-05	Artificial Intelligence	2	0	0	3	30	70	100	2
6		6CCS4-06	Block Chain & Cyber Security	3	0	0	3	30	70	100	3
7		PEC	6CCS5-11	Cyber Forensic	2	0	0	3	30	70	100
8	6CCS5-12		Intrusion detection System								
9	6CCS5-13		Ethical Hacking and Digital Forensics								
Sub Total				17	0	0		210	490	700	17
PRACTICAL & SESSIONAL											
10	PCC	6CCS4-21	Digital Image Processing Lab	0	0	2	2	60	40	100	1
11		6CCS4-22	Machine Learning Lab	0	0	3	2	60	40	100	2
12		6CCS4-23	Python Lab	0	0	3	2	60	40	100	2
13		6CCS4-24	Mobile Application Development Lab	0	0	2	2	60	40	100	1
14	SODECA	6CCS8-00	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

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

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