



**Teaching & Examination Scheme
B.Tech. : Information Technology
2nd Year - III Semester**

THEORY											
SN	Category	Course		Contact hrs/week			Marks				Cr
		Code	Title	L	T	P	Exm Hrs	IA	ETE	Total	
1	BSC	3IT2-01	Advanced Engineering Mathematics	3	0	0	3	30	120	150	3
2	HSMC	3IT1-02/ 3IT1-03	Technical Communication/ Managerial Economics and Financial Accounting	2	0	0	2	20	80	100	2
3	ESC	3IT3-04	Digital Electronics	3	0	0	3	30	120	150	3
4	PCC	3IT4-05	Data Structures and Algorithms	3	0	0	3	30	120	150	3
5		3IT4-06	Object Oriented Programming	3	0	0	3	30	120	150	3
6		3IT4-07	Software Engineering	3	0	0	3	30	120	150	3
Sub Total				17	0	0		170	680	850	17
PRACTICAL & SESSIONAL											
8	PCC	3IT4-21	Data Structures and Algorithms Lab	0	0	3		45	30	75	1.5
9		3IT4-22	Object Oriented Programming Lab	0	0	3		45	30	75	1.5
10		3IT4-23	Software Engineering Lab	0	0	3		45	30	75	1.5
11		3IT4-24	Digital Electronics Lab	0	0	3		45	30	75	1.5
13	PSIT	3IT7-30	Industrial Training	0	0	1		0	0	50	1
14	SODE CA	3IT8-00	Social Outreach, Discipline & Extra Curricular Activities	0	0	0		0	0	25	0.5
Sub- Total				0	0	13		180	120	375	7.5
TOTAL OF III SEMESTER				17	0	13		350	800	1225	24.5

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

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



RAJASTHAN TECHNICAL UNIVERSITY, KOTA

Teaching & Examination Scheme B.Tech. : Information Technology 2nd Year - IV Semester

THEORY											
SN	Category	Course		Contact hrs/week			Marks				Cr
		Code	Title	L	T	P	Exm Hrs	IA	ETE	Total	
1	BSC	4IT2-01	Discrete Mathematics Structure	3	0	0	3	30	120	150	3
2	HSMC	4IT1-03/ 4IT1-02	Managerial Economics and Financial Accounting / Technical Communication	2	0	0	2	20	80	100	2
3	ESC	4IT3-04	Principle of Communication	3	0	0	3	30	120	150	3
4	PCC	4IT4-05	Database Management System	3	0	0	3	30	120	150	3
5		4IT4-06	Theory of Computation	3	0	0	3	30	120	150	3
6		4IT4-07	Data Communication and Computer Networks	3	0	0	3	30	120	150	3
Sub Total				17	0	0		170	680	850	17
PRACTICAL & SESSIONAL											
8	PCC	4IT4-21	Linux Shell Programming Lab	0	0	2		30	20	50	1
9		4IT4-22	Database Management System Lab	0	0	3		45	30	75	1.5
10		4IT4-23	Network Programming Lab	0	0	3		45	30	75	1.5
11		4IT4-24	Java Lab	0	0	2		30	20	50	1
12		4IT4-25	Web Technology Lab	0	0	2		30	20	50	1
13	SODE CA	4IT8-00	Social Outreach, Discipline & Extra Curricular Activities							25	0.5
Sub- Total				0	0	12		180	120	325	6.5
TOTAL OF IV SEMEESTER				17	0	12		350	800	1175	23.5

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Office of Dean Academic Affairs
Rajasthan Technical University, Kota