



Teaching & Examination Scheme
B.Tech. : Electronics Instrumentation & Control
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	3EI2-01	Advanced Engineering Mathematics-I	3	0	0	3	30	120	150	3
2	HSMC	3EI1-02/ 3EI1-03	Technical Communication/Managerial Economics and Financial Accounting	2	0	0	2	20	80	100	2
3	PCC	3EI4-04	Digital System Design	3	0	0	3	30	120	150	3
4		3EI4-05	Signal & Systems	3	0	0	3	30	120	150	3
5		3EI4-06	Network Theory	3	1	0	3	40	160	200	4
6		3EI4-07	Electronics Devices	3	1	0	3	40	160	200	4
			Sub Total	17	2	0		190	760	950	19
PRACTICAL & SESSIONAL											
7	PCC	3EI4-21	Electronics Devices Lab	0	0	2		30	20	50	1
8		3EI4-22	Digital System Design Lab	0	0	2		30	20	50	1
9		3EI4-23	Signal Processing Lab	0	0	2		30	20	50	1
10	ESC	3EI3-24	Computer Programming Lab-I	0	0	2		30	20	50	1
11	PSIT	3EI7-30	Industrial Training	0	0	1		0	0	50	1
12	SODE CA	3EI8-00	Social Outreach, Discipline & Extra Curricular Activities	0	0	0		0	0	25	0.5
			Sub- Total	0	0	9		120	80	275	5.5
			TOTAL OF III SEMESTER	17	2	9		310	840	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. : Electronics Instrumentation & Control 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	4EI2-01	Advanced Engineering Mathematics-II	3	0	0	3	30	120	150	3
2	HSMC	4EI1-03/ 4EI1-02	Managerial Economics and Financial Accounting/ Technical Communication	2	0	0	2	10	40	50	2
3	PCC	4EI4-04	Analog Circuits	3	0	0	3	30	120	150	3
4		4EI4-05	Microcontrollers	3	0	0	3	30	120	150	3
5	ESC	4EI3-06	Measurement & Instrumentation	3	0	0	3	30	120	150	3
6	PCC	4EI4-07	Analog and Digital Communication	3	0	0	3	30	120	150	3
Sub Total				17	0	0		160	640	800	17
PRACTICAL & SESSIONAL											
7	PCC	4EI4-21	Analog and Digital Communication Lab	0	0	3		45	30	75	1.5
8		4EI4-22	Analog Circuits Lab	0	0	3		45	30	75	1.5
9		4EI4-23	Microcontrollers Lab	0	0	3		45	30	75	1.5
10		4EI4-24	Measurement & Instrumentation Lab	0	0	3		45	30	75	1.5
11	SODE CA	4EI18-00	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		340	760	1125	23.5

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Office of Dean Academic Affairs
Rajasthan Technical University, Kota