

Scheme of
UNDERGRADUATE DEGREE COURSE

B.Tech. V & VI Semester

Electrical And Electronics Engineering



Rajasthan Technical University, Kota
Effective from session: 2019-20



RAJASTHAN TECHNICAL UNIVERSITY, KOTA

Teaching & Examination Scheme B.Tech. : Electrical And Electronics Engineering 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	5EX3-01	Neural Network	2	0	0	2	20	80	100	2
2	PCC/ PEC	5EX4-02	Power System - I	3	0	0	3	30	120	150	3
3		5EX4-03	Control System	3	0	0	3	30	120	150	3
4		5EX4-04	Microprocessor	3	0	0	3	30	120	150	3
5		5EX4-05	Analog Communication	3	0	0	3	30	120	150	3
6		Professional Elective I (any one)	2	0	0	3	20	80	100	2	
		5EX5-11	Biomedical Instrumentation.								
		5EX5-12	Principle of communication System								
		5EX5-13	Introduction to VLSI								
		5EX5-14	Understanding the Human Being Comprehensively- Human Aspirations and Its Fulfillment								
Sub Total				16	0	0		160	640	800	16
PRACTICAL & SESSIONAL											
7	PCC	5EX4-21	Power System - I Lab	0	0	2	2	30	20	50	1
8		5EX4-22	Control System Lab	0	0	2	2	30	20	50	1
9		5EX4-23	Microprocessor Lab	0	0	2	2	30	20	50	1
10		5EX4-24	Communication Lab	0	0	2	2	30	20	50	1
11	PSIT	5EX7-30	Industrial Training	0	0	1		75	50	125	2.5
12	SODE CA	5EX8-00	Social Outreach, Discipline & Extra Curricular Activities	0	0	0			25	25	0.5
Sub- Total				0	0	9		195	155	350	7
TOTAL OF V SEMESTER				16	0	9		355	795	1150	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. : Electrical And Electronics Engineering 3rd Year – VI Semester

THEORY											
SN	Category	Course		Contact hrs/week			Marks			Cr	
		Code	Title	L	T	P	Exm Hrs	IA	ETE		Total
1	ESC	6EX3-01	Computer Architecture	2	0	0	2	20	80	100	2
2	PCC/ PEC	6EX4-02	Power System - II	3	0	0	3	30	120	150	3
3		6EX4-03	Power System Protection	3	0	0	3	30	120	150	3
4		6EX4-04	Data Base Management System	3	0	0	3	30	120	150	3
5		6EX4-05	Electric Drives	3	0	0	3	30	120	150	3
6		Professional Elective II (any one)	3	0	0	3	30	120	150	3	
			6EX5-11	High Voltage Engineering.							
		6EX5-12	Smart Grid Technology.								
		6EX5-13	Power system Instrumentation								
		6EX5-14	Values, Relationship & Ethical Human Conduct-For Happy & Harmonious Society								
		Sub Total		17	0	0		170	680	850	17
PRACTICAL & SESSIONAL											
7	PCC	6EX4-21	Power System - II Lab	0	0	4	3	60	40	100	2
8		6EX4-22	Electric Drives Lab	0	0	4	3	60	40	100	2
9		6EX4-23	Power System Protection Lab	0	0	2	2	30	20	50	1
10		6EX4-24	Modelling and simulation lab	0	0	2	2	30	20	50	1
11	SODE CA	6EX8-00	Social Outreach, Discipline & Extra Curricular Activities	0	0	0			25	25	0.5
		Sub- Total		0	0	12		180	145	325	6.5
		TOTAL OF VI SEMESTER		17	0	12		350	825	1175	23.5

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