

Scheme of  
UNDERGRADUATE DEGREE COURSE

**Electrical & Electronics Engineering**



Rajasthan Technical University, Kota  
Effective from session: 2018 – 2019



**Teaching & Examination Scheme  
B.Tech. : Electrical & Electronics Engineering  
2<sup>nd</sup> Year - IV Semester**

THEORY											
SN	Category	Course		Contact hrs/week			Marks				Cr
		Code	Title	L	T	P	Exm Hrs	IA	ETE	Total	
1	BSC	4EX2-01	Biology	2	0	0	2	20	80	<b>100</b>	<b>2</b>
2	HSMC	4EX1-02/ 4EX1-03	Technical Communication / Managerial Economics and Financial Accounting	2	0	0	2	20	80	<b>100</b>	<b>2</b>
3		ESC	4EX3-04	Electronic Measurement & Instrumentation	2	0	0	2	20	80	<b>100</b>
4	PCC	4EX4-05	Electrical Machine - II	3	0	0	3	30	120	<b>150</b>	<b>3</b>
5		4EX4-06	Power Electronics	3	0	0	3	30	120	<b>150</b>	<b>3</b>
6		4EX4-07	Signals & Systems	3	0	0	3	30	120	<b>150</b>	<b>3</b>
7		4EX4-08	Digital Electronics	2	0	0	2	20	80	<b>100</b>	<b>2</b>
		<b>Sub Total</b>		17	0	0		170	680	<b>850</b>	<b>17</b>
PRACTICAL & SESSIONAL											
8	PCC	4EX4-21	Electrical Machine - II Lab	0	0	4		60	40	<b>100</b>	<b>2</b>
9		4EX4-22	Power Electronics Lab	0	0	4		60	40	<b>100</b>	<b>2</b>
10		4EX4-23	Digital Electronics Lab	0	0	2		30	20	<b>50</b>	<b>1</b>
11		4EX3-24	Measurement Lab	0	0	2		30	20	<b>50</b>	<b>1</b>
13	SODE CA	4EX8-00	Social Outreach, Discipline & Extra Curricular Activities							<b>25</b>	<b>0.5</b>
		<b>Sub- Total</b>		0	0	12		180	120	<b>325</b>	<b>6.5</b>
		<b>TOTAL OF IV SEMEESTER</b>		17	0	12		350	800	<b>1175</b>	<b>23.5</b>

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

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