

# RAJASTHAN TECHNICAL UNIVERSITY

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## Scheme of Teaching & Examination for B Tech (Electrical Engineering)

Effective from the Session: 2007 – 2008

### III SEMESTER (Electrical Engineering)

Sr No.	Sub. Code	Subject	Teaching Periods Per Week (55 Mintues each)			Duration of Theory Papers (Hours)	Marks Allocation				
			L	T	P		Theory	Term Test	Sessional	Pract. Exam	Total
1	3EE1	Power Electronics – I	2	1	-	3	80	20	-	-	100
2	3EE2	Computer Programming -I	3	-	-	3	80	20	-	-	100
3	3EE3	Circuit Analysis – I	3	1	-	3	80	20	-	-	100
4	3EE4	Electrical Machines – I	3	1	-	3	80	20	-	-	100
5	3EE5	Electrical Measurements	3	1	-	3	80	20	-	-	100
6	3EE6	Mathematics-III	3	1	-	3	80	20	-	-	100
<b>Total</b>			<b>17</b>	<b>5</b>	<b>-</b>	<b>-</b>	<b>480</b>	<b>120</b>	<b>-</b>	<b>-</b>	<b>600</b>
1	3EE7	Power Electronics Lab – I	-	-	2	-	-	-	45	30	75
2	3EE8	Computer Programming Lab-I	-	-	2	-	-	-	45	30	75
3	3EE9	Electrical Circuit Lab	-	-	2	-	-	-	45	30	75
4	3EE10	Electrical Machine Lab-I	-	-	2	-	-	-	45	30	75
5	3EE11	Electrical Measurement Lab	-	-	2	-	-	-	30	20	50
6	3EE12	Discipline & Extra Curricular Activities	-	-	-	-	-	-	50	-	50
<b>Total</b>			<b>17</b>	<b>5</b>	<b>10</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>260</b>	<b>140</b>	<b>400</b>
<b>Grand Total</b>			<b>17</b>	<b>5</b>	<b>10</b>	<b>-</b>	<b>480</b>	<b>120</b>	<b>260</b>	<b>140</b>	<b>1000</b>

(Total Working Hours = 32 per week)

### IV SEMESTER (Electrical Engineering)

Sr No.	Sub. Code	Subject	Teaching Periods Per Week (55 Mintues each)			Duration of Theory Papers (Hours)	Marks Allocation				
			L	T	P		Theory	Term Test	Sessional	Pract. Exam	Total
1	4EE1	Power Electronics-II	3	1	-	3	20	80	-	-	100
2	4EE2	Digital Electronics	3	1	-	3	20	80	-	-	100
3	4EE3	Electrical Machines-II	3	1	-	3	20	80	-	-	100
4	4EE4	Computer Programming -II	3	-	-	3	20	80	-	-	100
5	4EE5	Circuit Analysis-II	3	1	-	3	20	80	-	-	100
6	4EE6	Advanced Mathematics	2	1	-	3	20	80	-	-	100
<b>Total</b>			<b>17</b>	<b>5</b>	<b>-</b>	<b>-</b>	<b>120</b>	<b>480</b>	<b>-</b>	<b>-</b>	<b>600</b>
1	4EE7	Power Electronics Lab-II	-	-	2	-	-	-	45	30	75
2	4EE8	Digital Electronics Lab	-	-	2	-	-	-	45	30	75
3	4EE9	Electrical Machine Lab-II	-	-	2	-	-	-	45	30	75
4	4EE10	Computer Programming Lab-II	-	-	2	-	-	-	45	30	75
5	4EE11	Humanities & Social Sciences	-	-	2	-	-	-	30	20	50
6	4EEDC	Discipline & Extra Curricular Activities	-	-	-	-	-	-	50	-	50
<b>Total</b>			<b>-</b>	<b>-</b>	<b>10</b>	<b>-</b>	<b>260</b>	<b>-</b>	<b>260</b>	<b>140</b>	<b>400</b>
<b>Grand Total</b>			<b>17</b>	<b>5</b>	<b>10</b>	<b>-</b>	<b>380</b>	<b>480</b>	<b>260</b>	<b>140</b>	<b>1000</b>

(Total Working Hours = 32 per week)