



**C. U. SHAH UNIVERSITY, Wadhwan City**

**Name of Program : B. Tech. Name of**

**Branch : Electrical Engineering**

**Semester : VI**

**W.E.F. – June 2015**

Sr. No	Branch Code	Subject Code	Subject Name	Teaching Hours/Week				Credits	Evaluation Scheme/Semester							
				Th	Tu	Pr	Total		Theory				Practical			Total Marks
									Sessional Exam		University Exam		Internal		University	
									Marks	Hours	Marks	Hours	Pr	TW	Pr	
1	04	4TE06ELM1	Electromagnetics	4	0	0	4	4	30	1.5	70	3	--	--	--	<b>100</b>
2		4TE06SGP1	Switchgear and Protection	4	0	2	6	5	30	1.5	70	3	--	20	30	<b>150</b>
3		4TE06HVE1	High Voltage Engineering	4	0	2	6	5	30	1.5	70	3	--	20	30	<b>150</b>
4		4TE06PSA1	Power System Analysis	4	0	2	6	5	30	1.5	70	3	--	20	30	<b>150</b>
5		4TE06TCM1	Testing and Commissioning of Electrical Machines	4	0	2	6	5	30	1.5	70	3	--	20	30	<b>150</b>
6		4TE06PSD1	Power System Design and Simulation	0	0	2	2	1	--	--	--	--	--	50	50	<b>100</b>
<b>TOTAL</b>				<b>20</b>	<b>0</b>	<b>10</b>	<b>30</b>	<b>25</b>	<b>150</b>		<b>350</b>			<b>130</b>	<b>170</b>	<b>800</b>

**Th- Theory, Tu-Tutorial/Seminar/Field Work, Pr-Practical, TW-Term Work**

**Note: - Theory----- 1 hr = 1 Credit,**

**Tutorial/Practical-----2 hr = 1 Credit.**

**After the completion of the VI<sup>th</sup> Semester, students must visit at least two industries and submit the report with problem definitions before starting of the VII<sup>th</sup> Semester.**