



**C. U. SHAH UNIVERSITY, Wadhwan City**  
**Name of Program : B. Tech.**  
**Name of Branch : Mechanical Engineering**  
**Semester : VII**  
**W.E.F. – June 2016**

Sr. No.	Branch Code	Subject Code	Name of the Subject	Teaching Scheme (Hours)				Credits	Evaluation Scheme								
				Th	Tu	Pr	Total		Theory				Practical (Marks)				Total
									Sessional Exam		University Exam		Internal		University		
									Marks	Hours	Marks	Hours	Pr/Viva	TW	Pr		
1	09	4TE07CAM1	Computer Aided Manufacturing	3	0	2	5	4	30	1.5	70	3	---	20	30	<b>150</b>	
2		4TE07TMA1	Turbomachines	3	0	0	3	3	30	1.5	70	3	---	---	---	<b>100</b>	
3		4TE07MDE1	Machine Design – II	3	0	2	5	4	30	1.5	70	3	---	20	30	<b>150</b>	
4		4TE07RAC1	Refrigeration and Air Conditioning	3	0	2	5	4	30	1.5	70	3	---	20	30	<b>150</b>	
5		4TE07ORE1	Operation Research	3	0	2	5	4	30	1.5	70	3	---	20	30	<b>150</b>	
6		4TE07PRO1	Project	0	0	2	2	1	---	---	---	---	---	50	50	<b>100</b>	
7		4TE07XXX1	Department Elective -II	3	0	2	5	4	30	1.5	70	3	---	20	30	<b>150</b>	
<b>TOTAL</b>				<b>18</b>	<b>00</b>	<b>12</b>	<b>30</b>	<b>24</b>	<b>150</b>	<b>---</b>	<b>350</b>	<b>---</b>	<b>---</b>	<b>150</b>	<b>200</b>	<b>950</b>	

**Department Elective – II**

Subject Code	Subject Name
4TE07ITR1	Industrial Tribology
4TE07AWT1	Advanced Welding Technology
4TE07RPD1	Rapid Product Development
4TE07MTD1	Machine Tool Design

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

**Note: - Theory----- 1 hr = 1 Credit,  
 Tutorial/Practical-----2 hr = 1 Credit.**

**Note : After completion of VII Semester, students must visit at least two industries and submit the report before starting of the VIII Semester.**