



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

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

**Name of Branch : Instrumentation & Control Engineering**

**Semester : VII**

**W.E.F. – June 2016**

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	08	4TE07BMI1	Biomedical Instrumentation	3	0	2	5	4	30	1.5	70	3	--	20	30	150	
2		4TE07PLC1	Programmable Logic Controller	3	0	2	5	4	30	1.5	70	3	--	20	30	150	
3		4TE07APC1	Advanced Process Control	4	0	2	6	5	30	1.5	70	3	--	20	30	150	
4		4TE07CSD1	Control System Design	4	0	2	6	5	30	1.5	70	3	--	20	30	150	
5		4TE07XXX1	Elective-I*	4	0	2	6	5	30	1.5	70	3	--	20	30	150	
		4TE07PRJ1	Project-I	0	0	2	2	1	--	--	--	--	--	50	50	100	
<b>TOTAL</b>				18	0	12	30	24	150		350			150	200	850	

**\*Elective-I:**

Subject Code	Subject Name
4TE07AME1	AVR Microcontroller & Embedded Systems
4TE07ITS1	Intelligent Systems
4TE07IDC1	Industrial Data Communication

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

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

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

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