



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

**Name of Programme: B.Tech**

**Name of Branch: Electronics & Communication**

**Semester: VII**

**w. e. f. May 2016**

Sr. No	Branch Code	Subject Code	Subject Name	Teaching Schemes (Hours)				Credits	Evaluation Schemes							
				Th	Tu	Pr	Total		Theory				Practical (Marks)		Total	
									Sessional Exam		University Exam		Internal			University
									Marks	Hours	Marks	Hours	Pr	TW		Pr
1	05	4TE07DCN1	Data Communication and Networking (DCN)	03	00	02	05	04	30	1.5	70	3.0	---	20	30	150
2	05	4TE07VLT1	VLSI Technology (VLT)	04	00	02	06	05	30	1.5	70	3.0	---	20	30	150
3	05	4TE07ESY1	Embedded Systems (ESY)	04	00	02	06	05	30	1.5	70	3.0	---	20	30	150
4	05	4TE07MRE1	Microwave & Radar Engineering (MRE)	04	00	02	06	05	30	1.5	70	3.0	---	20	30	150
5	05	4TE07PRO1	Project (PRO)	00	00	02	02	01	---	---	---	---	---	50	50	100
6	05	4TE07XXX1	Elective – II	03	00	02	05	04	30	1.5	70	3.0	---	20	30	150
			Total	18	00	12	30	24	150	---	350	---		150	200	850

**ELECTIVE-II:**

Subject Code	Subject Name
4TE07PEL1	Power Electronics (PEL)
4TE07MAN1	Mobile Ad-Hoc Networks (MAN)
4TE07FNN1	Fuzzy Logic and Neural Networks (FNN)

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

**Note: Theory \_\_\_\_\_ 1hr = 1 Credit,**

**Tutorial/Practical \_\_\_\_\_ 2hr = 1 Credit,**

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