## **GUJARAT TECHNOLOGICAL UNIVERSITY**

## DEGREE IN ELECTRONICS AND COMMUNICATION ENGINEERING

## PROPOSED TEACHING SCHEME Semester - VII

SUBJECT		TEACHING SC	HEME(HOUDS	)	
SUBJECT		TEACHING SCHEME(HOURS)			
	THEORY	TUTORIAL	PRACTICAL	CREDITS	
Microwave Engineering	3	0	2	5	
Power Electronics	2	0	2	4	
Digital Signal Processing	4	0	2	6	
Wireless Communication	4	0	2	6	
Department Elective - I	3	0	2	5	
Project - I	0	0	4	4	
TOTAL	16	0	14	30	
	Power Electronics Digital Signal Processing Wireless Communication Department Elective - I Project - I	Power Electronics 2  Digital Signal Processing 4  Wireless Communication 4  Department Elective - I 3  Project - I 0	Power Electronics         2         0           Digital Signal Processing         4         0           Wireless Communication         4         0           Department Elective - I         3         0           Project - I         0         0	Power Electronics         2         0         2           Digital Signal Processing         4         0         2           Wireless Communication         4         0         2           Department Elective - I         3         0         2           Project - I         0         0         4	

## **DEPARTMENT ELECTIVE -I**

SUBJECT CODE	DEPARTMENT ELECTIVE -I
171005	Embedded Systems
171006	Bio Medical Instrumentation
171007	Satellite Communication