

# GUJARAT TECHNOLOGICAL UNIVERSITY

## BE.POWER ELECTRONICS

### PROPOSED TEACHING SCHEME

#### Semester III

SR NO	SUBJECT	TEACHING SCHEME(HOURS)			CREDITS
		THEORY	TUTORIAL	PRACTICAL	
1	MATHEMATICS-3	3	2	0	5
2	BASIC ELECTRONICS	4	0	2	6
3	CIRCUITS AND NETWORKS	4	0	2	6
4	DIGITAL LOGIC DESIGN	4	0	2	6
5	BASIC POWER SYSTEMS ENGINEERING	3	0	0	3
6	SIMULATION AND DESIGN TOOLS	0	0	2	2
7	ELECTRONICS PRACTICE	0	0	2	2
	TOTAL	18	2	10	30

#### Semester IV

SR NO	SUBJECT	TEACHING SCHEME(HOURS)			CREDITS
		THEORY	TUTORIAL	PRACTICAL	
1	MATHEMATICS-4	3	2	0	5
2	ADVANCE ELECTRONICS	4	0	2	6
3	CONTROL THEORY	4	0	2	6
4	ELECTRO MECHANICAL ENERGY CONVERSION.- 1	3	0	2	5
5	INSTITUTE ELECTIVE-1	4	0	2	6
6	MANAGEMENT -1	2	0	0	2
	TOTAL	20	2	8	30