

GUJARAT TECHNOLOGICAL UNIVERSITY

BE.ELECTRICAL AND ELECTRONICS ENGINEERING

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 | ELECTRICAL MACHINES- 1 | 3 | 0 | 2 | 5 |
| 6 | SIMULATION AND DESIGN T OOLS | 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 ELECT RONICS | 4 | 0 | 2 | 6 |
| 3 | CONTROL THEORY | 4 | 0 | 2 | 6 |
| 4 | MICROPROCESSOR AND INT ERFACING | 3 | 0 | 2 | 5 |
| 5 | INSTITUTE ELECTIVE-1 | 4 | 0 | 2 | 6 |
| 6 | MANAGEMENT -1 | 2 | 0 | 0 | 2 |
| | | | 0 | | |
| | TOTAL | 20 | 2 | 8 | 30 |