

Scheme of
UNDERGRADUATE DEGREE COURSE

Electrical Engineering



Rajasthan Technical University, Kota
Effective from session: 2021 – 2022



Teaching & Examination Scheme B.Tech. : Electrical Engineering 2nd Year - III Semester

| THEORY | | | | | | | | | | | |
|-----------------------|------------|---------------------|---|--------------------------|---|----|---------|----|-----|-------|------|
| SN | Category | Course | | Contact hrs/week | | | Marks | | | | Cr |
| | | Code | Title | L | T | P | Exm Hrs | IA | ETE | Total | |
| | | | | | | | | | | | |
| 1 | BSC | 3EE2-01 | Advance Mathematics | 3 | 0 | 0 | 3 | 30 | 70 | 100 | 3 |
| 2 | HSMC | 3EE1-02/ 3EE1-03 | Technical Communication / Managerial Economics and Financial Accounting | 2 | 0 | 0 | 2 | 30 | 70 | 100 | 2 |
| 3 | | ESC | 3EE3-04 | Power generation Process | 2 | 0 | 0 | 2 | 30 | 70 | 100 |
| 4 | PCC | 3EE4-05 | Electrical Circuit Analysis | 3 | 0 | 0 | 3 | 30 | 70 | 100 | 3 |
| 5 | | 3EE4-06 | Analog Electronics | 3 | 0 | 0 | 3 | 30 | 70 | 100 | 3 |
| 6 | | 3EE4-07 | Electrical Machine - I | 3 | 0 | 0 | 3 | 30 | 70 | 100 | 3 |
| 7 | | 3EE4-08 | Electromagnetic Field | 2 | 0 | 0 | 2 | 30 | 70 | 100 | 2 |
| | | | Sub Total | 18 | 0 | 0 | | | | | 18 |
| PRACTICAL & SESSIONAL | | | | | | | | | | | |
| 8 | PCC | 3EE4-21 | Analog Electronics Lab | 0 | 0 | 2 | | 60 | 40 | 100 | 1 |
| 9 | | 3EE4-22 | Electrical Machine-I Lab | 0 | 0 | 4 | | 60 | 40 | 100 | 2 |
| 10 | | 3EE4-23 | Electrical circuit design Lab | 0 | 0 | 4 | | 60 | 40 | 100 | 2 |
| 13 | PSIT | 3EE7-30 | Industrial Training | 0 | 0 | 2 | | 60 | 40 | 100 | 1 |
| 14 | SODE CA | 3EE8-00 | Social Outreach, Discipline & Extra Curricular Activities | | | | | | | 100 | 0.5 |
| | | | Sub- Total | 0 | 0 | 12 | | | | | 6.5 |
| | | | TOTAL OF III SEMESTER | 18 | 0 | 12 | | | | | 24.5 |

L: Lecture, **T:** Tutorial, **P:** Practical, **Cr:** Credits

ETE: End Term Exam, **IA:** Internal Assessment