

Rajiv Gandhi Proudyogiki Vishwavidyalaya, Bhopal

Choice Based Credit System (CBCS)

Scheme of Examination w.e.f.

Bachelor of Engineering (Electrical Engineering)

SEMESTER IV

| S.No. | Subject Category | Subject Code | Subject Name | Maximum Marks Allotted | | | | | | | | | Hours/Week | | | Total Credits |
|-------|------------------|--------------|----------------------------------|------------------------|---------|----------|------|-------------|---------------------------|-----------|----------|----------------------|------------|---|----|---------------|
| | | | | Theory | | | | | | Practical | | | | | | |
| | | | | End Sem. | Minor I | Minor II | Quiz | Assignments | Tutorials/Problem Solving | End Sem | Lab Work | Viva Voce/Assignment | L | T | P | |
| 1. | DC | EE-225 | Electrical Machine-I | 60 | 10 | 10 | 5 | 5 | 10 | 10 | 20 | 20 | 3 | 0 | 2 | 4 |
| 2. | DC | EE-226 | Digital Electronics Logic Design | 60 | 10 | 10 | 5 | 5 | 10 | 10 | 20 | 20 | 2 | 1 | 2 | 4 |
| 3. | DC | EE-227 | Power System -I | 60 | 10 | 10 | 5 | 5 | 10 | - | - | - | 3 | 1 | - | 4 |
| 4. | DC | EE-228 | Control Systems | 60 | 10 | 10 | 5 | 5 | 10 | 10 | 20 | 20 | 2 | 1 | 2 | 4 |
| 5. | EAS | EE-229 | Residential Load Simulation Lab | - | - | - | - | - | - | 10 | 20 | 20 | - | - | 4 | 2 |
| 6. | EAS | ES-220 | Material Science | 60 | 10 | 10 | 5 | 5 | 10 | - | - | - | 3 | 1 | - | 4 |
| 7. | EAS | ES-221 | System Engineering | 60 | 10 | 10 | 5 | 5 | 10 | - | - | - | 3 | 1 | - | 4 |
| 8. | HU | HU-223 | NSS/NCC | - | - | - | - | - | - | - | - | - | - | - | - | Qualifier* |
| | | | Total | 360 | 60 | 60 | 30 | 30 | 60 | 40 | 80 | 80 | 16 | 5 | 10 | 26 |

L: Lecture T: Tutorial P: Practical

Note:

- NSS/NCC is just a qualifier subject which means student has to compulsorily qualify this is a mandatory requirement for the award of degree before completing the course.
- For Material Science, 60% content will be common to all disciplines and 40% content will be based on parent discipline.