

Rajiv Gandhi Proudyogiki Vishwavidyalaya, Bhopal
New Scheme of Examination as per AICTE Flexible Curricula
Bachelor of Technology (B.Tech.) [Electrical and Electronics Engineering] (w.e.f. July, 2020)

VII Semester

| S.No. | Subject Code | Category | Subject Name | Maximum Marks Allotted | | | | | Total Marks | Contact Hours per week | | | Total Credits |
|-------|---------------------------------|---|-------------------------------|------------------------|----------------|------------------|------------|--------------------------------|-------------|------------------------|----------|-----------|---------------|
| | | | | Theory | | | Practical | | | L | T | P | |
| | | | | End Sem. | Mid Sem. Exam. | Quiz/ Assignment | End Sem | Term work Lab Work & Sessional | | | | | |
| 1. | EX-701 | DC | Power System Protection | 70 | 20 | 10 | 30 | 20 | 150 | 2 | 1 | 2 | 4 |
| 2. | EX-702 | DE | Departmental Elective | 70 | 20 | 10 | - | - | 100 | 3 | 1 | - | 4 |
| 3. | EX-703 | OE | Open Elective | 70 | 20 | 10 | - | - | 100 | 3 | 0 | 0 | 3 |
| 4. | EX-704 | D Lab | Electrical CAD Lab | - | -- | - | 30 | 20 | 50 | - | - | 6 | 3 |
| 5. | EX-705 | O/E lab | Energy Audit Lab | - | - | - | 30 | 20 | 50 | - | - | 6 | 3 |
| 6. | EX-706 | P | Major Project-I | - | - | - | 100 | 50 | 150 | - | - | 8 | 4 |
| 7. | EX-607 | | Evaluation of Internship -III | - | - | - | - | 100 | 100 | - | - | 6 | 3 |
| 8. | Additional Credits [#] | <i>#Additional credits can be earned through successful completion of credit based MOOC's Courses available on SWAYAM platform (MHRD) at respective UG level.</i> | | | | | | | | | | | |
| | | | Total | 210 | 60 | 30 | 190 | 210 | 700 | 8 | 2 | 28 | 24 |

| Departmental Electives | Open Electives |
|--|--|
| EX-702 (A) Power Electronics Application to Power System | EX-703(A) Hybrid & Electrical Vehicles |
| EX-702 (B) HVDC & FACTS | EX-703(B) Energy Audit & Management |
| EX-702(C) High Voltage Engineering | EX-703(C) Digital Signal Processing |

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|--------------|---------------|----------------|
| 1 Hr Lecture | 1 Hr Tutorial | 2 Hr Practical |
| 1 Credit | 1 Credit | 1 Credit |