

Rajiv Gandhi Proudyogiki Vishwavidyalaya, Bhopal
New Scheme of Examination as per AICTE Flexible Curricula
Bachelor of Technology (B.Tech.) Electronics & Communication Engg. (w.e.f. July, 2019)

V 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. | EC 501 | DC | Microprocessor & its Application | 70 | 20 | 10 | 30 | 20 | 150 | 2 | 1 | 2 | 4 |
| 2. | EC 502 | DC | Digital Communication | 70 | 20 | 10 | 30 | 20 | 150 | 2 | 1 | 2 | 4 |
| 3. | EC 503 | DE | Departmental Elective | 70 | 20 | 10 | - | - | 100 | 4 | - | 0 | 4 |
| 4. | EC 504 | OE | Open Elective | 70 | 20 | 10 | - | - | 100 | 3 | - | 0 | 3 |
| 5. | EC 505 | D Lab | CNTL Lab | - | - | - | 30 | 20 | 50 | - | - | 4 | 2 |
| 6. | EC 506 | O/E Lab | Matlab Programming | - | - | - | 30 | 20 | 50 | - | - | 4 | 2 |
| 7. | EC-507 | IN | Evaluation of Internship-II | - | - | - | - | 100 | 100 | - | - | 6 | 3 |
| 8. | | IN | Internship-III | To be completed anytime during Fifth/Sixth semester. Its evaluation/credit to be added in Seventh Semester. | | | | | | | | | |
| 9. | EC 508 | P | Minor Project 1 | - | - | - | - | 50 | 50 | - | - | 4 | 2 |
| 10. | Additional Credits [#] | [#] Additional credits can be earned through successful completion of credit based MOOC's Courses available on SWAYAM platform (MHRD) at respective UG level. | | | | | | | | | | | |
| | | | Total | 280 | 80 | 40 | 120 | 230 | 750 | 11 | 2 | 22 | 24 |

| Departmental Electives | Open Electives |
|------------------------------------|--|
| EC 503 (A) CNTI | EC 504 (A) EMT (Electro Magnetic (Theory) |
| EC 503 (B) Mobile Communication | EC 504 (B) Computer System Organisation |
| EC 503 (C) Advanced Control system | EC 504 (C) Process Control Instrumentation |

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