## SAMRAT ASHOK TECHNOLOGICAL INSTITUTE VIDISHA (M.P.)
### (A Govt. Aided UGC Autonomous & NAAC Accredited Institute Affiliated to RGPV Bhopal)

**Scheme of Examination (Semester-III) Bachelor of Technology (B. Tech.) – Electronics and Communication Engg.**

**for Batch Admitted in Session: 2023-24 and Onwards**

| Subject Code | Subject Category | Subject Name | Maximum Marks Allotted | | | | | | | Total Marks | Contact Hrs. per week. | | | Total Credits |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | Theory | | | | Practical | | | | L | T | P | |
| | | | ES | MS | Assignment | Quiz | ES | LW | Quiz | | | | | |
| EC-301 | DC | Electro Magnetic Theory | 60 | 20 | 10 | 10 | -- | -- | -- | 150 | 3 | 0 | 0 | 3 |
| EC-302 | DC | Electronic Devices & Circuits | 60 | 20 | 10 | 10 | 30 | 10 | 10 | 150 | 3 | 0 | 2 | 4 |
| EC-303 | DC | Network Analysis | 60 | 20 | 10 | 10 | 30 | 10 | 10 | 150 | 3 | 0 | 2 | 4 |
| EC-304 | DC | Signals and Systems | 60 | 20 | 10 | 10 | -- | -- | -- | 100 | 3 | 1 | 0 | 4 |
| EC-305 | DC | Analog Communication | 60 | 20 | 10 | 10 | 30 | 10 | 10 | 100 | 3 | 0 | 2 | 4 |
| HUL-306 | HSM | Communication Skill Practice | -- | -- | -- | -- | -- | 30 | 20 | 50 | 0 | 0 | 2 | 1 |
| EC-307 | ILC | Evaluation of Internship - I Completed at I year level & Seminar ( Personality Development) | -- | -- | -- | -- | -- | 50 | -- | 50 | - | - | 4 | 2 |
| | | **Total** | **300** | **100** | **50** | **50** | **90** | **110** | **50** | **750** | **15** | **1** | **12** | **22** |
| MAC-308 | MAC | Energy, Ecology, Environment & Society | -- | 20 | 20 | 10 | -- | -- | -- | -- | -- | -- | -- | **Grade** |
| | ILC | Extracurricular Activities | It is a one credit per year activity to be endorsed in eight semester mark sheet | | | | | | | | | | | |
| HUM-309 | HEC* Optional | Holistic Education Course | -- | 20 | 20 | 10 | -- | -- | -- | -- | -- | -- | -- | **Grade** |

**HEC* Classes to be conducted in online mode.**

**Abbreviations:** ES-End Semester, MS-Mid Semester, LW-Laboratory Work/Assignment. (L: Lecture, T: Tutorial, P: Practical) BSC-Basic Science Course, ESC- Engineering Science Course, HSMC- Humanities Science and Management Course, MAC- Mandatory, Audit Course, AC- Audit Course, HEC- Holistic Education Courses: NSS/NCC/NSO, ITC- Information Technology Course, ILC-Institute Level Course, DC- Department Course, DE-Department Elective, OC- Open Course, DLC- Department Laboratory, PROJ- Project Work, VA-Value Added Course

BoS (B.Tech. EC) | Department of Electronics Engineering | May 28, 2025