ELECTRONICS & TELECOMMUNICATION ENGINEERING

**Semester – III:**

|  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Sl. No. | Code No. | Subject | (Contact hour/week) | | | Evaluation Scheme | | | | Total Mark |
| Theory | | Practical | |
| L | T | P | Exam | Sess | Ex/Viva | Sess |
| 1 | Co-301 | Computer Application | 2 | - | 6 | 28/70 | 15/30 | 12/25 | 13/25 | 150 |
| 2 | Hu-302 | Engineering Economics & Accountancy | 3 | 1 | - | 28/70 | 15/30 | - | - | 100 |
| 3 | Sc-303 | Mathematics-III | 3 | 2 | - | 28/70 | 15/30 | - | - | 100 |
| 4 | El-304 | Elements of Electrical Engineering | 3 | - | 3 | 28/70 | 15/30 | 12/25 | 13/25 | 150 |
| 5 | Et-305 | Analog Electronics-I | 3 | - | 3 | 28/70 | 15/30 | 12/25 | 13/25 | 150 |
| 6 | Et-306 | Electronic Workshop | - | 1 | 6 | - | - | 50/100 | 25/50 | 150 |
| Total | | | | | | | | | | 800 |

**Semester – IV:**

|  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Sl. No. | Code No. | Subject | (Contact hour/week) | | | Evaluation Scheme | | | | Total Mark |
| Theory | | Practical | |
| L | T | P | Exam | Sess | Ex/Viva | Sess |
| 1 | El-401 | Electrical Circuit & Network | 3 | - | 3 | 28/70 | 15/30 | 12/25 | 13/25 | 150 |
| 2 | Et-401 | Communication Engineering | 3 | - | 4 | 28/70 | 15/30 | 12/25 | 13/25 | 150 |
| 3 | Et-402 | Electronic Tests & Measurements | 3 | - | - | 28/70 | 15/30 | - | - | 100 |
| 4 | Et-403 | Digital Electronics | 3 | - | 3 | 28/70 | 15/30 | 12/25 | 13/25 | 150 |
| 5 | Et-404 | Computer Programming | - | 1 | 6 |  |  | 25/50 | 25/50 | 100 |
| 6 | Et-405 | Analog Electronics-II | 3 | - | 3 | 28/70 | 15/30 | 12/25 | 13/25 | 150 |
| Total | | | | | | | | | | 800 |

**Semester – V:**

|  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Sl. No. | Code No. | Subject | (Contact hour/week) | | | Evaluation Scheme | | | | Total Mark |
| Theory | | Practical | |
| L | T | P | Exam | Sess | Ex/Viva | Sess |
| 1 | Et-501 | Communication Engineering – II | 3 | - | 3 | 28/70 | 15/30 | 12/25 | 13/25 | 150 |
| 2 | Et-502 | Microprocessor | 3 | - | 3 | 28/70 | 15/30 | 12/25 | 13/25 | 150 |
| 3 | Et-503 | Power Electronics | 3 | - | 3 | 28/70 | 15/30 | 12/25 | 13/25 | 150 |
| 4 | Et-504 | P.C. System Technology | 3 | - | 6 | 28/70 | 15/30 | 12/25 | 13/25 | 150 |
| 5 | Et-505 | Electronic Circuit Trouble Shooting | - | - | 6 | - | - | 25/50 | 25/50 | 100 |
| ELECTIVE (ANY ONE) | | | | | | | | | | |
| 6 | Et-506 | Computer Aided Electronic Design | 3 | - | - | 28/70 | 15/30 |  |  | 100 |
| 7 | Et-507 | Electronics Instrumentation | 3 | - | - | 28/70 | 15/30 |  |  | 100 |
| 8 | Et-508 | PCB Technology | 3 | - | - | 28/70 | 15/30 |  |  | 100 |
| 9 | Et-509 | Control System | 3 | - | - | 28/70 | 15/30 |  |  | 100 |
| Total | | | | | | | | | | 800 |

**Semester – VI:**

|  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Sl. No. | Code No. | Subject | (Contact hour/week) | | | Evaluation Scheme | | | | Total Mark |
| Theory | | Practical | |
| L | T | P | Exam | Sess | Ex/Viva | Sess |
| 1 | Hu-601 | Industrial Management & Entrepreneurship | 3 | - | - | 28/70 | 15/30 | - | - | 100 |
| 2 | Et-601 | Consumer Electronics & Maintenance | 3 | - | 3 | 28/70 | 15/30 | 12/25 | 13/25 | 150 |
| 3 | Et-602 | Data Communication & Networking | 3 | - | 3 | 28/70 | 15/30 | 12/25 | 13/25 | 150 |
| 4 | Et-603 | Optical Fibre Communication | 3 | - | - | 28/70 | 15/30 | - | - | 100 |
| 5 | Et-610 | Project, Seminar, General Viva | - | 10 | - | - | - | 25/50 | 50/100, 25/50 | 200 |
| ELECTIVE (ANY ONE) | | | | | | | | | | |
| 6 | Et-604 | Medical Electronics | 3 | - | - | 28/70 | 15/30 | - | - | 100 |
| 7 | Et-605 | Modern Communication System | 3 | - | - | 28/70 | 15/30 | - | - | 100 |
| 8 | Et-606 | Microwave Techniques | 3 | - | - | 28/70 | 15/30 | - | - | 100 |
| 9 | Et-608 | Digital Signal Processing | 3 | - | - | 28/70 | 15/30 | - | - | 100 |
| 10 | Et-609 | Advance Microprocessor | 3 | - | - | 28/70 | 15/30 | - | - | 100 |
| Total | | | | | | | | | | 800 |