

(Bachelor of Vocation) – Electronics Technology

Duration: 3 Years (6 Semesters)

Note: Subject codes vary by university. The following is a standard university-style syllabus with commonly used subject codes.

Semester I

Subject Code	Subject Name
ET101	Basic Electrical Engineering
ET102	Engineering Mathematics
ET103	Engineering Physics
ET104	Electronic Components & Devices
ET105	Computer Fundamentals
ET106P	Electronics Workshop Practice
ET107P	Basic Electrical & Electronics Lab

Semester II

Subject Code	Subject Name
ET201	Analog Electronics
ET202	Digital Electronics
ET203	Electronic Circuit Design
ET204	Communication Skills
ET205	Microprocessor Fundamentals
ET206P	Analog Electronics Lab

Subject Code	Subject Name
ET207P	Digital Electronics Lab

Semester III

Subject Code	Subject Name
ET301	Microcontrollers & Applications
ET302	Electronic Instrumentation
ET303	Network Analysis
ET304	PCB Design & Fabrication
ET305	Environmental Studies
ET306P	Microcontroller Lab
ET307P	Instrumentation Lab

Semester IV

Subject Code	Subject Name
ET401	Industrial Electronics
ET402	Power Electronics
ET403	Embedded Systems
ET404	Sensors & Transducers
ET405	Entrepreneurship Development
ET406P	Embedded Systems Lab
ET407P	Power Electronics Lab

Semester V

Subject Code	Subject Name
ET501	Consumer Electronics
ET502	Industrial Automation
ET503	Wireless Communication
ET504	IoT Fundamentals
ET505	Project Management
ET506P	Industrial Automation Lab
ET507P	IoT Lab

Semester VI

Subject Code	Subject Name
ET601	Advanced Electronics Technology
ET602	Robotics & Automation
ET603	Renewable Energy Systems
ET604	Quality Control & Maintenance
ET605	Industrial Training Report
ET606P	Major Project Work
ET607P	Viva Voce