

(Bachelor of Vocation) – Electrical Technology

Duration: 3 Years (6 Semesters)

Program Type: Undergraduate Degree Program

Subject codes vary by university. The following is a standard industry-oriented B.Voc. Electrical Technology syllabus with sample subject codes.

Semester I

Subject Code	Subject Name
EVT101	Communication Skills
EVT102	Applied Mathematics
EVT103	Applied Physics
EVT104	Engineering Drawing
EVT105	Basics of Electrical Engineering
EVT106	Electrical Workshop Practice
EVT107	Computer Fundamentals
EVT108P	Electrical Lab-I

Semester II

Subject Code	Subject Name
EVT201	Environmental Studies
EVT202	Electrical Machines-I
EVT203	Electrical Circuits & Networks
EVT204	Electronic Devices & Circuits
EVT205	Wiring Installation & Maintenance

Subject Code	Subject Name
EVT206	Industrial Safety Practices
EVT207P	Electrical Machines Lab
EVT208P	Circuit Lab

Semester III

Subject Code	Subject Name
EVT301	Electrical Machines-II
EVT302	Power Generation Systems
EVT303	Measurement & Instrumentation
EVT304	Digital Electronics
EVT305	Renewable Energy Systems
EVT306	Employability Skills
EVT307P	Instrumentation Lab
EVT308P	Electronics Lab

Semester IV

Subject Code	Subject Name
EVT401	Power Transmission & Distribution
EVT402	Industrial Electrical Systems
EVT403	Microcontroller Applications
EVT404	PLC & Automation

Subject Code	Subject Name
EVT405	Energy Management
EVT406	Entrepreneurship Development
EVT407P	PLC & Automation Lab
EVT408P	Industrial Training-I

Semester V

Subject Code	Subject Name
EVT501	Electrical Design & Estimation
EVT502	High Voltage Engineering
EVT503	Industrial Drives & Control
EVT504	Smart Grid Technology
EVT505	Project Management
EVT506	Quality Control & Maintenance
EVT507P	Industrial Drives Lab
EVT508P	Major Project-I

Semester VI

Subject Code	Subject Name
EVT601	Advanced Electrical Technology
EVT602	Electrical Safety & Standards
EVT603	Solar & Wind Energy Systems

Subject Code	Subject Name
EVT604	Electrical Energy Auditing
EVT605	Industrial Internship
EVT606	Professional Ethics
EVT607P	Major Project-II
EVT608P	Viva Voce