

# Electronics

## Introduction of the Sector

The Indian electronics industry is one of the largest and fastest - growing industries in the world. Electronics manufacturing industry in India is growing at a much faster pace due to the ever - growing demand for consumer electronics, IT and telecom goods. India is an attractive hub for foreign

investments in the manufacturing sector as well. Several mobile phones, luxury and automobile brands, among others, have set up or are looking to establish their manufacturing bases in the country. Here rises the demand for skilled professional Electronics Manufacturing Service providers.

## B. Voc. in Electronic Manufacturing Services

### Course Introduction

B. Voc. in Electronic Manufacturing Services is specifically designed for students to gain skills & knowledge of Electronic Manufacturing so that they can relate themselves to the expected surge in Electronic Manufacturing industry.

### Eligibility for Admission

The eligibility for admission to B. Voc. in Electronics Manufacturing Services shall be 10+2 or equivalent, in any stream.

### Career Prospects/ Job Roles

The job prospects after completion of the course of B. Voc. in Electronic Manufacturing Services, are *Line Supervisor, Production Supervisor, Quality Engineer, Product Quality Control Engineer, Incoming Quality Control Engineer Material Controller, Material Controller.*

### Semester-wise Listing of Courses

SEMESTER I		
Subject Code	Subject Name	Credits
GE 1.1	Functional English	4
GE 1.2	Communication Skills – I	4
GE 1.3	Computing Skills – I	4
VE 1.1	Fundamentals of Electrical Power Supply	2
VE 1.2	Identification of components, tools, SOP & work instructions	2
VE 1.3	Tools, Equipment and Safety Measures	2
VEP 1	Vocational Practical	12

SEMESTER II		
Subject Code	Subject Name	Credits
GE 2.1	Basics of Economics and Markets	4
GE 2.2	Environment Sciences	4
GE 2.3	Ethics and Governance	4
VE 2.1	Fundamentals of Electronics	4
VE 2.2	Soldering and De-soldering of Components and Emergency actions	2
VEP 2	Vocational Practical	12

SEMESTER III		
Subject Code	Subject Name	Credits
GE 3.1	Communication Skills - II	4
GE 3.2	Financial Literacy	4
GE 3.3	Basics of Legal and HR Policies	4
VE 3.1	Fault Analysis and Repairs	4
VE 3.2	Good Manufacturing Concept and Practices - I	2
VEP 3	Vocational Practical	12

SEMESTER IV		
Subject Code	Subject Name	Credits
GE 4.1	Computing Skills - II	2
GE 4.2	Basics of Accounting	4
GE 4.3	Design Thinking	4
GE 4.4	Organizational Behaviour	2
VE 4.1	Good Manufacturing Concepts Practices - II	2
VE 4.2	Manufacturing and Quality Norms	2
VE 4.3	Good Manufacturing Concepts and Practices - III	2
VEP 4	Vocational Practical	12

SEMESTER V			SEMESTER VI		
Subject Code	Subject Name	Credits	Subject Code	Subject Name	Credits
GE 5.1	Digital Literacy	4	GE 6.1	Entrepreneurship	4
GE 5.2	Health and Wellness	4	GE 6.2	Employment Readiness	4
GE 5.3	Personal Grooming	4	GE 6.3	Effective Workplace Skills & Competencies	4
VE 5.1	Valuation and Storage	2	VE 6.1	Pre-Production Activities	2
VE 5.2	Shelf Life, Warehouse Operations Management and Material Transactions	4	VE 6.2	5S and Supervision	4
VEP 5	Vocational Practical	12	VEP 6	Vocational Practical	12

**Programme fees:** (Rs. 30,000/-per annum)

**Examination fees:** (Rs. 1,600/- per semester and Rs.3200 per annum)

**Caution Deposit (Refundable):** Rs.5000

**Convocation Fees:** Rs.2000/- (In absentia Rs.2500/-)

**Campus Immersion Expenses:** (Travel & Logistics for 7-10 days on Campus) are not part of the fee structure and the expenses will have to be met by the students followed by communication.