

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 Services 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

The job prospects after completion of the course of B. Voc. in Electronic Manufacturing Services, are Computer operator, Product Development Engineer, Design Engineer, Automobile Engineer and an aide to the Research Scientist

Semester-wise Listing of Courses

Semester	Subject Code	Subject Name	Credits
I	GE 1.1	Functional English	4
	GE 1.2	Communication Skills - I	4
	GE 1.3	Computing Skills - I	4
	VE 1.1	Application of Electrical Power Supply	2
	VE 1.2	Identification of Components, Tools, SOP and Work Instructions	2
	VE 1.3	Tools, Equipment and Safety Measures	2
	VEP 1	Vocational Practical	12
II	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 Physics and Electronics	4
	VE 2.2	Soldering and De-soldering of Components and	2

		Emergency actions	
	VEP 2	Vocational Practical	12
III	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
	IV	GE 4.1	Computing Skills – II
GE 4.2		Basics of Accounting	4
GE 4.3		Design Thinking	4
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
V	GE 5.1	Digital Literacy	4
	GE 5.2	Health and Wellness	4
	GE 5.3	Personal Grooming	4
	VE 5.1	Valuation and Storage	3
	VE 5.2	Shelf Life, Warehouse Operations Management and Material Transactions	3
	VEP 5	Vocational Practical	12
VI	GE 6.1	Entrepreneurship	4
	GE 6.2	Employment Readiness	4
	GE 6.3	Effective Workplace Skills & Competencies	4
	VE 6.1	Pre-Production Activities	2
	VE 6.2	5S and Supervision	4
	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