

Capital Goods

Introduction of the Sector

Manufacturing Industry has emerged as one of the growing sectors in India. The government of India had launched the 'Make in India' program to place India on the world map as a manufacturing hub and give global recognition to the Indian economy. India is expected to become the fifth largest manufacturing country in the world by the end of the year 2020. Also, it is expected to be the manufacturing destination of the world. This sector is said to generate an additional 100 million new jobs by 2022.

B. Voc. in Production Technology

Course Introduction

B. Voc. in Production Technology is a unique 3-year undergraduate program designed to meet current industrial requirements with an emphasis on new manufacturing technologies and industrial practices. Production Technology is a ground-breaking initiative to play a constructive role and fill the gap by developing a dynamic eco-system for quality training and skills growth for the capital goods market.

Eligibility for Admission

The eligibility for admission to B. Voc. in Production Technology shall be 10+2 or equivalent, in any stream.

Career Prospects

Students get job at mechanical plants, fabricating plants, vehicle assembling plants or firms where creation procedure is included.

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
	PT 1	Engineering Graphics	2
	PT 2	Production Technology	2
	PT 3	Engineering Metrology	2
	PTP 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
	PT 4	Theory of Metal Cutting	2

	PT 5	Basic Electrical and Electronics Engineering	2
	PT 6	Metal Joining Technology	2
	PTP 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
	PT 7	Engineering Mathematics	2
	PT 8	Material Science and Metallurgy	2
	PT 9	CNC Machines and Programming	2
	PTP 3	Vocational Practical	12
IV	GE 4.1	Computing Skills – II	4
	GE 4.2	Basics of Accounting	4
	GE 4.3	Design Thinking	4
	PT 10	CAD/CAM	2
	PT 11	Industrial Engineering and Management	2
	PT 12	Fundamentals of Mechatronics System	2
	PTP 4	Vocational Practical	12
V	GE 5.1	Digital Literacy	4
	GE 5.2	Health and Wellness	4
	GE 5.3	Personal Grooming	4
	PT 13	Production Planning and Control	2
	PT 14	Applied Hydraulics and Pneumatics	2
	PT 15	Non-Destructive Evaluation and Testing	2
	PTP 5	Vocational Practical	12
VI	GE 6.1	Entrepreneurship	4
	GE 6.2	Employment Readiness	4
	GE 6.3	Effective Workplace Skills & Competencies	4
	PT 16	Total Quality Management	2
	PT 17	Manufacturing Automation	2
	PT 18	Project Work	2
	PTP 6	Vocational Practical	12

Programme fees: Rs. 36,000/-per annum

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

Caution Deposit (Refundable): Rs.5000