

Capital Goods

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/Job Roles

Students get job at *Mechanical Plants, Fabricating Plants, Vehicle Assembling Plants* or firms where creation procedure is included.

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
PT 1	Engineering Graphics	2
PT 2	Production Technology	2
PT 3	Engineering Metrology	2
PTP 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
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

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
PT 7	Smart Manufacturing and Artificial Intelligence	2
PT 8	Material Science and Metallurgy	2
PT 9	CNC Machines and Programming	2
PTP 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
PT 10	CAD/CAM	2
PT 11	Industrial Engineering and Management	2
PT 12	Fundamentals of Mechatronics System	2
PTP 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
PT 13	Production Planning and Control	2	PT 16	Total Quality Management	2
PT 14	Applied Hydraulics and Pneumatics	2	PT 17	Manufacturing Automation	2
PT 15	Non-Destructive Evaluation and Testing	2	PT 18	Project Work	2
PTP 5	Vocational Practical	12	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

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.