

Automotive

B. Voc. in Automotive Manufacturing Technology

Course Introduction

B. Voc. in Automotive Manufacturing Technology is a 3-year bachelor degree in vocational education pertaining to automobile manufacturing sector. The course of B. Voc. in Automotive Manufacturing Technology focuses on the mechanics and technology driving the latest variety of cars.

Eligibility for Admission

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

Career Prospects/Job Roles

Automotive Manufacturing Technology encompasses careers in the *Mechanical Sub-Assembly Technician, Assembler(Automobile), Assembler (Stationery Petrol or Diesel Engine, Assembler)(Electrical Accessories), CNC Operator, Machining Technician, Process Engineer, Quality Testing Engineer, Auto Designer, Auto Engineer, Automotive Workshop Manager, Automotive Assistant Workshop Manager.*

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
AM 1.1	Engineering Drawing - I	2
AM 2.1	Automobile Engineering	2
AM 3.1	Engineering Materials	2
AMP 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
AM 1.2	Engineering Drawing – II	2
AM 4.1	Manufacturing Technology – Basic	2
AM 5.1	Engineering Mechanics	2
AMP 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
AM 4.2	Manufacturing Technology - Advanced	2
AM 6.1	Shop Floor Practices – I	2
AM 7.1	Quality Management – I	2
AMP 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
AM 8.1	Manufacturing Processes	2
AM 6.2	Shop Floor Practices – II	2
AM 7.2	Quality Management – II	2
AMP 4	Vocational Practical	12

SEMESTER V		
Subject Code	Subject Name	Credits
GE 5.1	Digital Literacy	4
GE 5.2	Health and Wellness	4
GE 5.3	Personal Grooming	4
AM 9.1	Tool Engineering	2
AM 10.1	Production Technology	2
AM 11.1	Elective Subject – I	2
AMP 5	Vocational Practical	12

SEMESTER VI		
Subject Code	Subject Name	Credits
GE 6.1	Entrepreneurship	4
GE 6.2	Employment Readiness	4
GE 6.3	Effective Workplace Skills & Competencies	4
AM 12.1	Mechatronics	2
AM 13.1	Total Quality Management & Total Productive Maintenance	2
AM 11.2	Elective Subject – II	2
AMP 6	Vocational Practical	12

Proposed Electives:

Subject Code	Course title	Credits
AME 1	Automotive Electrical & Electronics	2
AME 2	Foundry Technology- Ferrous	2
AME 3	CNC Programming	2
AME 4	Product design	2
AME 5	Supply Chain Management	2

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.