

# Automotive

## Introduction of the Sector

The automotive industry in India is changing rapidly. Hence, competition is very high among the companies to get their share of profit. Automobile exports grew 15.54 percent during April 2018-February 2019. It is expected to grow at a Compound Annual Growth Rate (CAGR) of 3.05 percent during 2016-2026. The automobile industry is among the top hirers in the Year 2017-2018 in India.

## B. Voc. in Automotive Manufacturing

### 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

B. Voc. in Automotive Manufacturing Technology is a course, after the completion of which, the candidates will have scope in various government and private organizations along with a standardized salary package.

### 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
	AM 1.1	Engineering Drawing - I	2
	AM 2.1	Automobile Engineering	2
	AM 3.1	Engineering Materials	2
	AMP 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
	AM 1.2	Engineering Drawing – II	2
	AM 4.1	Manufacturing Technology – Basics	2
	AM 5.1	Engineering Mechanics	2
	AMP 2	Vocational Practical	12

<b>III</b>	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
<b>IV</b>	GE 4.1	Computing Skills – II	4
	GE 4.2	Basics of Accounting	4
	GE 4.3	Design Thinking	4
	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
<b>V</b>	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
<b>VI</b>	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:**

<b>Subject Code</b>	<b>Course title</b>	<b>Credits</b>
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

