



B. Voc in Automotive Skills

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B.Voc. in Automotive Skills

The B.Voc. program is modular in nature with multiple exit points at Certificate, Diploma, Advanced Diploma and B.Voc. Each of the six semesters carries 30 credits, resulting in a total of 180 credits for B.Voc.

Objectives

- To train the students for multiple skill sets under the domain of Automotive Service like General Service, Repair and Overhauling of mechanical parts, body repairs and spray painting.
- To impart skill sets pertaining to NSQF level 7 in at least one job role/profile in service sector of automotive industries.
- To develop the ability in students to work in the capacity of Service Advisor/Floor Supervisor/Workshop Manager/ Body Shop Manager/ Paint Shop Manager in any Automotive Service station of companies like Maruti, Hyundai, Toyota, Mahindra, Volkswagen, Tata, Ford etc.
- To train & equip the students with knowledge and understanding to start his/her own enterprise of Vehicle Service, Wheel Care, Body Repairs or Refinish Painting.

Duration

3 Years

Eligibility Criteria

10+2 PCM orITI after 10th or Polytechnic Diploma will be considered as equivalent to 10+2.

Selection Procedure

Admission will be through an Entrance Exam or based on the merit of the qualifying examination.

Curriculum

Semester-1		Semester-2 (Industrial Internship)		
Reference QPs	Subjects/Modules	Credits	Subjects/Modules	Credits
ASC/Q1601 ASC/Q1402 ASC/Q3302 ASC/Q1410	Automotive Power Trains, Chassis & Suspension	3	Industrial Internship	21
	Automotive Wheel Care & Steering System	3		
	Automotive Body Repairs	4		
	Automotive Spray Painting	4		
	Automotive Electrical Fundamentals & A.C.	3		
	Automotive Tools and Measurement	3		
	English Language & Comprehension	3		
	Applied Maths/Elementary Maths	3	Industrial & General Labor Law	3
	MS Office	1	Value Education	3
	Open Elective-1	3	Environmental Studies	3
	Total	30	Total	30
	Total Hours for Theory	210	Total Hours for Theory	135
	Total Hours for Skills	630	Total hours in Industry	630

	Semester-3		Semester-4 (Industrial Internship)	
Reference QPs	Subjects/Modules	Credits	Subjects/Modules	Credits
ASC/Q1403 ASC/Q1405 ASC/Q3303 ASC/Q1407	Vehicle Repair & Over haul		Industrial Internship	21
	Automotive Power Train	3		
	Automotive Braking, Suspension & Steering	3		
	Automotive Electrical & A.C.	3		
	Automotive Body Works	4	Business Communication	3
	Automotive Refinish Painting	4	Organizational Behaviour	3
	Spoken English	3	Current Affairs	3
	Entrepreneurship Development	2		
	Personality Development	2		
	Elementary Drawing Skills	3		
	Open Elective-II	3		
	Total	30	Total	30

Career Prospects

Undergoing the B.Voc. Program in Automotive skills will equip the students with all necessary and essential attributes to service, maintain and over haul various types of automobiles. This in turn will make them ready for the huge market of service and maintenance as well as proficiency in running their own entrepreneurial venture.

The students will be eligible for various positions, starting from entry level in the automobile service sector, of various brands of cars and tractors. Apart from above opportunities M.Voc. additionally will provide the opportunity to become a skills trainer/teacher in any Skills University, India or abroad.

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