

B.Voc in Automobiles

Semester I

Course Code	Title of the course	Credits
BAU101	Elements of Automobile	3
BAU102	Manufacturing Technology	3
BAU103	Communication Skills	3
BAU104	Environmental Studies	3
BAU105	Elements of Automobile- Practical	2
BAU106	Manufacturing Technology - Practical	3
BAU107	Basics of Programming -Practical	3
BAU108	Project – I	3

Semester II

Course Code	Title of the course	Credits
BAU201	Engineering Materials & Mechanics of Solids	3
BAU202	Automobile Servicing and Maintenance	3
BAU203	Elements of Fluid Mechanics & Machines	3
BAU204	Engineering Materials & Mechanics of Solids - Practical	3
BAU205	Automobile Servicing & Maintenance -Practical	3
BAU206	Elements of Fluid Mechanics & Machines Practical	3
BAU207	Project -II	3
BAU208	Uni. Human Values & ethics/Environment& Ecology	2

Semester III

Course Code	Title of the course	Credits
BAU301	Thermal Engineering	3
BAU302	Chassis Body & Transmission	3
BAU303	Theory of Machines	3
BAU304	Thermal Engineering - Practical	3
BAU305	Chassis Body & Transmission -Practical	3
BAU306	Strength of Material - Practical	3
BAU307	Project –III	3
BAU308	IC Engines(Elective)	3
BAU309	Electric Vehicles(Elective)	3
	Open Elective Course	2

Semester IV

Course Code	Title of the course	Credits
BAU401	Internal Combustion Engines	3
BAU402	Alternative Fuels & Pollution Control	3
BAU403	Tyre Technology	3
BAU404	Internal Combustion Engines - Practical	3
BAU405	Alternative Fuels & Pollution Control - Practical	3
BAU406	Fuels & Lubricants - Practical	3
BAU407	Project –IV	3
BAU408	Non Commercial vehicles(Elective)	3
BAU409	Instruments and Equipment(Elective)	3

Semester V

Course Code	Title of the course	Credits
BAU501	Vehicle Body Engineering	3
BAU502	Mechanics of Vehicles	3
BAU503	Modern Vehicle Technology	3
BAU504	Engineering Thermodynamics - Practical	3
BAU505	Computer Aided Design and Drafting Practical	3
BAU506	Project-V	3
BAU599	MOOC	3
BAU507	Suspension and Damping Systems(Elective)	3
BAU508	Engine Management principles(Elective)	3

Semester VI

Course Code	Title of the course	Credits
BAU601	Electric and Hybrid Vehicles	3
BAU602	Automobile Refrigeration & Air Conditioning	3
BAU603	Automotive Electrical & Electronic System	3
BAU604	Mechatronics Practical	3
BAU605	Automobile Engineering - Practical	3
BAU606	Automotive Electrical & Electronic System Practical	3
BAU607	Project-VI	3
BAU608	Personality Development	2
BAU699	MOOC	3
BAU609	Vehicle safety principles	3
BAU610	Quality Management in automobile Industry	3