

**Basveshwar Engineering College, Bagalkote**

**Department of Automobile Engineering**

**Scheme of Teaching and Evaluation  
(Academic Year 2021 - 2022)**

**V Semester BE**

Sl. No	Subject Code	Subject Title	Credits	Hours/ Week			Examination Marks		
				L	T	P	CIE	SEE	Total
1.	UAU541C	Heat Transfer	3	3	0	0	50	50	100
2.	UAU532C	Design of Power Train and Suspension Systems	3	2	2	0	50	50	100
3.	UAU523H	Entrepreneurship and Industrial Management	3	2	0	0	50	50	100
4.	UAU524C	Auxiliary System for Automotive Engines	3	3	0	0	50	50	100
5.	UAUXXXE	Dept. Elective - I	3	3	0	0	50	50	100
6.	UCS559L	Advanced C Programming Lab	2	0	0	4	50	50	100
7.	UHS002N	Advanced Quantitative Aptitude and Soft Skills.	1	1	0	0	50	50	100
8.	UAU527L	Automotive Engine Servicing Laboratory	1.5	0	0	3	50	50	100
9.	UAU538L	Automotive Scanning Laboratory	1.5	0	0	3	50	50	100
Total			21	14	2	10	450	450	900

**Department Electives – I**

Sl. No	Code	Subjects
1	UAU571E	Automotive Emissions and Control
2	UAU572E	Product Design and Development
3	UAU575E	Computer Graphics
4	UAU576E	Vehicle Transport Management

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				L	T	P	CIE	SEE	Total
1.	UAU621C	Automotive Engine Component Design	4	4	0	0	50	50	100
2.	UAU622H	Engineering Economics	3	3	0	0	50	50	100
3.	UAU623C	Automotive Electrical Systems	3	3	0	0	50	50	100
4.	UAUXXE	Dept. Elective - II	3	3	0	0	50	50	100
5.	UAUXXN	Open Elective - I	3	3	0	0	50	50	100
6.	UAU627L	Automotive CAD Laboratory	1.5	0	0	3	50	50	100
7.	UAU638L	Automotive Power Train and Electrical Servicing Lab	1.5	0	0	3	50	50	100
8.	UHS003N	Career Planning and Professional Skills	1	0	0	3	50	50	100
9.	UAU610P	Mini Project	2	0	0	2	50	50	100
<b>Total</b>			22	16	0	11	450	450	900

**Department Electives – II**

Sl. No	Code	Subjects
1	UAU651E	CAD/CAM
2	UAU653E	Automotive Air Conditioning
3	UAU654E	Advanced Automotive Materials
4	UAU655E	Diesel Engine Management System and Components