



# Shri Vaishnav Vidyapeeth Vishwavidyalaya, Indore

Think Excellence. Live Excellence.

## Department of Mechanical Engineering

(Running Mechanical & Automobile Engineering Programs)

Choice Based Credit System (CBCS) Scheme

B Tech. in Automobile Engineering

Year- 3rd

Semester- 6th

S. No.	Subject Code	Name of Subject	Course Code	Teaching Scheme / week			Examination Scheme					Total Marks	Credits
				L	T	P	Theory			Practical			
							End Sem University Exam	Two Term Exam	Teacher Assessment*	End Sem University Exam	Teacher Assessment*		
1	BTAU601	AUTOMOTIVE CHASSIS SYSTEM	DCS	3	0	2	60	20	20	30	20	150	4
2		ELECTIVE I	DES	3	0	0	60	20	20	0	0	100	3
3	BTAU603	VIBRATION AND NOISE CONTROL IN AUTOMOBILES	DCS	3	0	2	60	20	20	30	20	150	4
4	BTAU604	VEHICLE BODY ENGINEERING	DCS	3	0	2	60	20	20	30	20	150	4
5	BTAU605	AUTOMOTIVE COMPONENT DESIGN	DCS	3	0	2	60	20	20	30	20	150	4
6	BTAU606	SIMULATION OF AUTOMOBILE SYSTEM LAB	DS	0	0	4	0	0	0	0	20	20	2
7	BTME607	ROBOTRONICS LAB	DS	0	0	4	0	0	0	0	50	50	2
8	BTEE608	AUTOMOTIVE ELECTRICAL AND ELECTRONICS LAB	ODS	0	0	2	0	0	0	0	20	20	1
9	ML601	TECHNICAL COMMUNICATION AND SOFT SKILLS	ODS	2	0	0	0	0	10	0	0	10	2
TOTAL				17	0	18	300	100	110	120	170	800	26

\*Teacher Assessment shall be based following components: Quiz/Assignment/Project/Participation in Class, given that no component shall exceed more than 10 marks.

**Chairperson**  
Board of Studies  
Shri Vaishnav Vidyapeeth Vishwavidyalaya  
Indore

LIST OF ELECTIVE V SEMESTER (ELECTIVE I)	
BTAU612	INTRODUCTION TO FINITE ELEMENT ANALYSIS
BTAU622	RESOURCE MANAGEMENT TECHNIQUES
BTAU632	ROBOTICS AND MACHINE VISION SYSTEM
BTAU642	PROCESSING OF MATERIALS

**Joint Registrar**  
Shri Vaishnav Vidyapeeth Vishwavidyalaya  
Indore