



**Shri Vaishnav Vidyapeeth Vishwavidyalaya**  
**Shri Vaishnav Institute of Technology and Science**  
**Choice Based Credit System (CBCS) Scheme in the light of NEP-2020**  
**B. Tech in Automobile Engineering**  
**SEMESTER - VI ( 2023-2027)**

Sr. No.	COURSE CODE	COURSE NAME	TEACHING SCHEME/WEEK			CREDITS	EXAMINATION SCHEME					TOTAL MARKS
							THEORY			PRACTICAL		
			L	T	P		End Sem University Exam (60%)	Two Term Exam (20%)	Teachers Assessment* (20%)	End Sem University Exam (60%)	Teachers Assessment* (40%)	
1		DEPARTMENTAL ELLECTIVE III	3	1	0	4	60	20	20	0	0	100
2		DEPARTMENTAL ELLECTIVE IV	3	0	0	3	60	20	20	0	0	100
	BTME603	MECHANICAL VIBRATION	3	1	2	5	60	20	20	30	20	150
3	BTAU602	CHASSIS AND BODY ENGINEERING	3	0	2	4	60	20	20	30	20	150
4	BTAU605	AUTOMOTIVE COMPONENT DESIGN	3	0	2	4	60	20	20	30	20	150
6	BTME606	SIMULATION OF MECHANICAL SYSTEM LAB	0	0	4	2	0	0	0	0	50	50
7	BTAU607	VEHICLE ELECTRICAL AND ELECTRONICS LAB	0	0	2	1	0	0	0	0	50	50
8	MOOC2	MOOC II	–	–	–	2	–	–	–	–	50	50
TOTAL			15	2	12	25	300	100	100	90	210	800

DEPARTMENTAL ELLECTIVE III	
BTME601A	OPERATION RESEARCH AND SUPPLY CHAIN
BTAU601B	ROBOTICS ENGINEERING
BTAU601C	MODERN VEHICLE TECHNOLOGY

DEPARTMENTAL ELLECTIVE IV	
BTAU602A	HYBRID AND ELECTRIC VEHICLES
BTAU602B	TOTAL QUALITY MANGEMENT
BTAU602C	MATERIAL HANDLING AND STORAGE SYSTEMS

Legends: L - Lecture ; T - Tutorial/Teacher Guided Student Activity ; P - Practical ;

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

\*Students have to compulsorily opt MOOCs course of two credits from Swayam Portal.

\*Note: Students need to complete "2/3 weeks Industrial Training" in summer break between 6th sem and 7th sem. "Industrial Training" will be evaluate in the 7th sem.

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

**Chairperson**  
Faculty of Studies  
Shri Vaishnav Vidyapeeth  
Vishwavidyalaya, Indore

**Controller of Examinations**  
Shri Vaishnav Vidyapeeth  
Vishwavidyalaya, Indore

**Registrar**  
Shri Vaishnav Vidyapeeth  
Vishwavidyalaya, Indore

**Vice Chancellor**  
Shri Vaishnav Vidyapeeth  
Vishwavidyalaya, Indore