



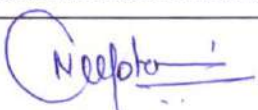
**Shri Vaishnav Vidyapeeth Vishwavidyalaya**  
**Shri Vaishnav Institute of Technology and Science**  
**Choice Based Credit System (CBCS) Scheme in the light of NEP-2020**  
**B.Tech. in Mechatronics Engineering**

**SEMESTER - I (2021-2025)**

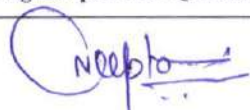
Sr. No.	Subject Code	Name of Subject	TEACHING				CREDITS	EXAMINATION SCHEME					TOTAL MARKS
			L	T	P	THEORY			PRACTICAL				
						End Sem University Exam (60%)		Two Term Exam (20%)	Teachers Assessment* (20%)	End Sem University Exam (60%)	Teachers Assessment* (40%)		
1	BTMA101	Applied Mathematics I	3	1	0	4	60	20	20	0	0	100	
2	BTPH101	Applied Physics	3	1	2	5	60	20	20	30	20	150	
3	BTMT101	Introduction to Mechatronics	2	1	2	4	60	20	20	30	20	150	
4	BTME105	Fundamentals of Mechanical Engineering and Applied Mechanics	3	0	2	4	60	20	20	30	20	150	
5	BTEE102	Fundamentals of Electrical Engineering	3	0	2	4	60	20	20	30	20	150	
6	BTCS101	Computer Programming I	0	0	2	1	0	0	0	30	20	50	
7	BTME103	Workshop Practices	0	0	2	1	0	0	0	30	20	50	
<b>TOTAL</b>			14	3	12	23	300	100	100	180	120	800	

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

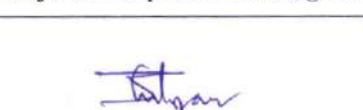
\*Teacher Assessment shall be based on following components: Quiz/Assignment/Project/Participation in Class, given that no component shall exceed more than 10 marks.



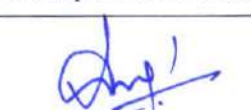
**Chairperson**  
Board of Studies  
Shri Vaishnav Vidyapeeth  
Vishwavidyalaya, Indore



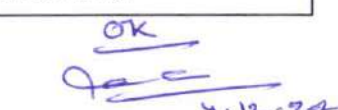
**Chairperson**  
Faculty of Studies  
Shri Vaishnav Vidyapeeth  
Vishwavidyalaya, Indore



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



**Joint Registrar**  
Shri Vaishnav Vidyapeeth  
Vishwavidyalaya, Indore



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

4.12.2021