



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

**SEMESTER- I (2023-2026)**

S. No.	COURSE CODE	COURSE NAME	TEACHING SCHEME/WEEK			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	DTMA101	Applied Mathematics I	3	0	0	3	60	20	20	0	0	100
2	DTPH101	Applied Physics	3	0	2	4	60	20	20	30	20	150
3	DTME102	Basic Mechanical Engineering	3	0	2	4	60	20	20	30	20	150
4	DTME101	Engineering Drawing	3	0	4	5	60	20	20	30	20	150
5	DTEI102	Fundamentals of Instruments and Control	3	0	0	3	60	20	20	0	0	100
6	DTME103	Workshop Practices	0	0	4	2	0	0	0	30	20	50
<b>TOTAL</b>			<b>15</b>	<b>0</b>	<b>12</b>	<b>21</b>	<b>300</b>	<b>100</b>	<b>100</b>	<b>120</b>	<b>80</b>	<b>700</b>

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 Examinations**  
Shri Vaishnav Vidyapeeth  
Vishwavidyalaya, Indore

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

  
22/9/2023

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