



**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**

**SEMESTER-IV (2024-2027)**

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 Assess-ment* (20%)	End Sem University Exam (60%)	Teachers Assess-ment* (40%)	
1	DTMT401	Introduction to Robotics	3	0	0	3	60	20	20	0	0	100
2	DTMT303	Analog Electronics	3	0	2	4	60	20	20	30	20	150
3	DTMEMT403	Fluid Power Engineering	2	1	2	4	60	20	20	30	20	150
4	DTMT402	Hydraulic and Pneumatic Systems	3	1	2	5	60	20	20	30	20	150
5	DTEE401N	Power Electronics	3	1	2	5	60	20	20	30	20	150
6	DTET405	Arduino Lab	0	0	2	1	0	0	0	30	20	50
TOTAL			14	3	10	22	300	100	100	150	100	750

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.

*Signature*  
10/1/24

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

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

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

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

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