



# Shri Vaishnav Vidyaapeeth Vishwavidyalaya, Indore

Shri Vaishnav Institute of Technology & Science, Indore

Choice Based Credit System (CBCS) Scheme

B.Tech. (Mechatronics)

Session 2018-2022

V - SEMESTER

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	Teachers Assessment*	End Sem University Exam	Teachers Assessment*		
1	BTMT501	Applied Hydraulics and Pneumatics	3	1	2	60	20	20	30	20	150	5	
2	BTE#402	Sensors and Transducers	3	1	2	60	20	20	30	20	150	5	
3	BTEE502	Power Electronics	3	1	2	60	20	20	30	20	150	5	
4	BTEE503	Control system Engineering	3	1	2	60	20	20	30	20	150	5	
5	BTC#403 BTE#515 BTMT511 BTE#511	Elective	3	1	2	60	20	20	30	20	150	5	
6	BTMT503	Minor Project	0	0	2	0	0	0	30	20	50	1	
<b>TOTAL</b>			<b>15</b>	<b>5</b>	<b>12</b>	<b>300</b>	<b>100</b>	<b>100</b>	<b>180</b>	<b>120</b>	<b>800</b>	<b>26</b>	

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

Elective	Data Structure & Algorithms(BTCS 403)		Data Communication (1)(TECS15)		Automation(BTMT511)		Instrumentation system design (BTE#11)	
	L	T	L	T	L	T	L	T
	3	1	3	1	3	1	3	1
	60	20	60	20	60	20	60	20
	20	20	20	20	20	20	20	20
	30	30	30	30	30	30	30	30
	20	20	20	20	20	20	20	20
	150	150	150	150	150	150	150	150
	5	5	5	5	5	5	5	5

Signature of Registrar

Registrar

Vishnav Vidyaapeeth Vishwavidyalaya  
INDORE (I4 P)