



Shri Vaishnav Vidyapeeth Vishwavidyalaya, Indore

Shri Vaishnav Institute of Technology & Science, Indore

Choice Based Credit System (CBCS) Scheme

Six Year Dual Degree (B.Tech.+M.Tech.)-Mechatronics

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	BTEI402	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	BTCS403 BTEC515 BTMT511 BTEI511	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
TOTAL				15	5	12	300	100	100	180	120	800	26

*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)		3	1	2	60	20	20	30	20	150	5
	Data Communication (BTEC515)		3	1	2	60	20	20	30	20	150	5
	Automation(BTMT511)		3	1	2	60	20	20	30	20	150	5
	Instrumentation system design (BTEI511)		3	1	2	60	20	20	30	20	150	5

Neel
Chairperson
Board of Studies
Shri Vaishnav Vidyapeeth Vishwavidyalaya
Indore

[Signature]
Joint Registrar
Shri Vaishnav Vidyapeeth
Vishwavidyalaya, Indore