



Shri Vaishnav Vidhyapeeth Vishwavidyalaya, Indore

Shri Vaishnav Institute of Technology & Science, Indore

Choice Based Credit System (CBCS) Scheme

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

VII - SEMESTER

S. No.	COURSE CODE	COURSE NAME	EXAMINATION SCHEME					TEACHING			CREDITS	TOTAL MARKS
			THEORY			PRACTICAL		Th	T	P		
			End Sem University Exam (60%)	Two Term Exam (20%)	Teachers Assessment * (20%)	End Sem University Exam (60%)	Teachers Assessment nt* (40%)					
1	BTME509	Design of Machine Elements	60	20	20	30	20	3	1	2	5	150
2	BBAI501	Human Values and Professional Ethics	60	20	20	0	0	4	0	0	4	100
3	BTMT703	System Modeling	60	20	20	30	20	3	1	2	5	150
4	BTEI702 BTMT711 BTMT712	Elective-I	60	20	20	0	0	3	1	0	4	100
5	BTMT721 BTEI723 BTEI721	Elective-II	60	20	20	30	20	2	1	2	4	150
6	BTMT704	Major Project	0	0	0	90	60	0	0	0	8	150
			300	100	100	180	120	15	4	14	26	800

Legends: Th - Theory ; T - Tutorial/Teacher Guided Student Activity ; P - Practical ;

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

Elective-I	
BTEI702	MEMS and NEMS
BTMT711	Robotronics
BTMT712	Spintronics and Nanoelectronics

Elective-II	
BTMT721	Automotive Electronics
BTEI723	Automated Control System
BTEI721	Process Dynamics and Control

M. D. Patel

Chairperson

Board of Studies

Shri Vaishnav Vidyapeeth Vishwavidyalaya
Indore

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Shri Vaishnav Vidyapeeth
Vishwavidyalaya, Indore