



Shri Vaishnav Vidyapeeth Vishwavidyalaya
Bachelor of Technology (Electronics and Instrumentation)
Choice Based Credit System (CBCS)

B.Tech.(Electronics and Instrumentation)
SEMESTER - VII(2020-2024)

S. No.	SUBJECT CODE	COURSE NAME	COURSE CODE	TEACHING SCHEME/WEEK			EXAMINATION SCHEME					TOTAL MARKS	CREDITS
				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	BBAI501	Human Values and Professional Ethics		4	0	0	60	20	20	0	0	100	4
2	BTEI701	Analytical Instrumentation		3	1	2	60	20	20	30	20	150	5
3	BTEI702	MEMS & NEMS		3	0	0	60	20	20	0	0	100	3
4	BTEI711 BTEI712 BTECIOT703	Elective I		3	0	0	60	20	20	30	20	150	3
5	BTEI721 BTEI722 BTEI724	Elective II		3	1	0	60	20	20	30	20	150	4
6	BTRA706	Automation Lab		0	0	2	0	0	0	30	20	50	1
7	BTEI703	Major project		0	0	8	0	0	0	90	60	150	4
Total				16	2	12	300	100	100	210	140	850	24

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

*Students are advised to take online moocs courses of 2 credits

Elective I	Industrial Automation(BTEI711)
	Intelligent Instrumentation and Techniques (BTEI712)
	Wireless Sensor Networks (BTECIOT703)

Elective II	Instrumentation in Petrochemical Industry (BTEI724)
	Logic Design(BTEI722)
	Advanced Control Systems(BTRA706)

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 Board of Studies
 Shri Vaishnav Vidyapeeth
 Vishwavidyalaya , Indore

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Joint Registrar
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 Vishwavidyalaya , Indore

Vice Chancellor
 Shri Vaishnav Vidyapeeth
 Vishwavidyalaya , Indore
 22/9/2023