



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

**SEMESTER - VII**

S. No.	COURSE CODE	COURSE NAME	EXAMINATION SCHEME				TEACHING SCHEME/WEEK			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* (40%)					
1	BBAIS01	Human Values and Professional Ethics	60	20	20	0	0	0	4	4	100	
2	BTEI701	Analytical Instrumentation	60	20	20	30	20	3	1	2	5	150
3	BTEI702	MEMS and NEMS	60	20	20	0	0	3	1	0	4	100
4	BTEI711 BTEI712 BTEI713	Elective-I	60	20	20	30	20	3	1	2	5	150
5	BTEI721 BTEI722 BTEI723	Elective-II	60	20	20	30	20	2	1	2	4	150
6	BTEI703	Major project	0	0	0	90	60	0	0	8	4	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	
BTEI711	Industrial Automation
BTEI712	Intelligent Instrumentation and Techniques
BTEI713	Wireless Sensor Networks

Elective-II	
BTEI721	Process Dynamics and Control
BTEI722	Logic Design
BTEI723	Automated control system

*(Signature)*

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

*(Signature)*

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