



Shri Vaishnav Vidyapeeth Vishwavidyalaya, Indore

Shri Vaishnav Institute of Technology & Science, Indore

Choice Based Credit System (CBCS) Scheme

Master of Technology in Digital Instrumentation

I - 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	MTMA101	Advanced Mathematics		3	1	0	60	20	20	0	0	100	4
2	MTDI101	Digital Integrated Circuit Design		3	1	2	60	20	20	30	20	150	5
3	MTDI102	Industrial & Process Instrumentation		3	1	2	60	20	20	30	20	150	5
4	MTDI111 MTDI112 MTDI113 MTDI114	Elective-I		3	1	0	60	20	20	0	0	100	4
5	MTDI121 MTDI122 MTDI123 MTDI124	Elective-II		3	1	0	60	20	20	0	0	100	4
6	MTDI103	Seminar		0	0	4	0	0	0	0	50	50	2
7	MTDI104	Simulation and Modeling-I		0	0	4	0	0	0	30	20	50	2
8	MTDI105	comprehensive viva		0	0	0	0	0	0	0	50	50	4
TOTAL				15	5	12	300	100	100	90	160	750	30

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


Chairperson
Board of Studies
Shri Vaishnav Vidyapeeth Vishwavidyalaya
Indore

Elective-I	1. Wireless sensor and network (MTDI111)	Elective-II	1. Industrial Standards(MTDI121)
	2. Advance Logic Design (MTDI112)		2. Advanced Digital Signal Processing(MTDI122)
	3. Artificial Intelligence and Robotics (MTDI113)		3. Advanced microprocessor and microcontroller(MTDI123)
	4. Digital Image Processing (MTDI114)		4. Biomedical Instrumentation(MTDI124)


Joint Registrar
Shri Vaishnav Vidyapeeth
Vishwavidyalaya, Indore