AND		Shri Vaishnav Vidyapeeth Vishwavidyalaya Shri Vaishnav Institute of Technology and Science Choice Based Credit System (CBCS) Scheme in the light of NEP-2020										
	1 (1 (1) (1) (1) (1) (1) (1) (1)	B.Tech. i	n Rob	otics	and A	Automa	tion	or reer	-2020	•		
						21-2025			•			
S. No.	COURSE CODE	COURSE NAME	TEACHING SCHEME/WEEK			n	EXAMINATION SCHEME					
					T	CREDITS	THEORY		PRACTICAL		RKS	
			L	Т	Р		End Sem Unversity Exam (60%)	Two Term Exam (20%)	Teachers Assess- ment* (20%)	End Sem Unversit y Exam (60%)	Teacher	TOTAL MARKS
1	BBAI501	Human Values and Professional Ethics	4	0	0.	4	60	20	20	0	0	100
2	BTRA701	Image Analysis and Computer Vision	3	0	2	4	60	20	20	30	20	150
3	-	Elective III	3	0	2	4	60	20	20	30	20	150
4	-	Elective IV	3	1	0	4	60	20	20	0	0	100
5	-	Generic Elective IV	3	0	0	ż	60	20	20	0	0	100
6	BTRA702	PLC Lab	0	0	2	1	0	0	0	30	· 20	50
7	BTRA704	Major Project	0	0	6	3	0	0	0	90	60	150
8	BTEEE701	Industrial Training	0	0	2	1	0	0	0	30	20	50
		TOTAL	16	1	14	24	300	100	100	210	140	850
Teacl	is: L - Lecture; T	- Tutorial/Teacher Guided Student Activity; P - I	Practical;									
	ier Assessment su	all be based on following components: Quiz/Assig	nment/Pro	oject/Pa	ticipatio	n in Class, g	iven that no c	omponen	t shall exceed	d more than	10 marks.	
S. No.	Course Code	. Elective III]	5	S. No.	100	urse Elective IV				e	
1	BTECÍOT711	Principles of Artificial Intelligence and Machine Learning			1	BTRA713	Field and Service Robotics					
2	BTRA722	IOT and Data Analytics			2	BTECIOT703		Wireless Sensor Networks				
3	BTEI702	MEMS and NEMS ']		3	BTRA733					21.	
eef		Neepto :	- Saga	w	n na mana ang ang ang ang ang ang ang ang ang	Lawrence - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 19	ady	1			2e	11.9,
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