

## Shri Vaishnav Vidyapeeth Vishwavidyalaya, Indore (MP)

Choice Based Credit System (CBCS) Scheme

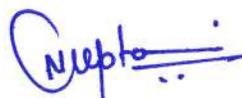
**B.Tech in Robotics and Automation**

**V - SEMESTER(w.e.f. Batch 2019-20)**

Sr. 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	BTEC501	Microprocessor, Microcontroller and Interfacing		3	1	2	60	20	20	30	20	150	5
2	BTME503	Dynamics of Machine		3	1	2	60	20	20	30	20	150	5
3	BTMT501	Applied Hydraulics and Pneumatics		3	1	2	60	20	20	30	20	150	5
4	BTRA501	Robotic Engineering		3	0	0	60	20	20	0	0	100	3
5	BTEC515/ BTEI611 BTRA512	Elective: 1 Data Communication and Computer Networks 2 Data Acquisition System 3 Industrial Automation		3	1	2	60	20	20	30	20	150	5
6	BTRA503	Minor Project		0	0	2	0	0	0	30	20	50	1
<b>TOTAL</b>				<b>15</b>	<b>4</b>	<b>10</b>	<b>300</b>	<b>100</b>	<b>100</b>	<b>150</b>	<b>100</b>	<b>750</b>	<b>24</b>

\*Teacher Assessment shall be based on 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 course of minimum two credits



**Chairperson  
Board of Studies**

Shri Vaishnav Vidyapeeth Vishwavidyalaya,  
Indore



**Chairperson  
Faculty of Studies  
Shri Vaishnav Vidyapeeth  
Vishwavidyalaya, INDORE**



**Controller of Examinations  
Shri Vaishnav Vidyapeeth Vishwavidyalaya**



**Registrar  
Shri Vaishnav Vidyapeeth  
Vishwavidyalaya, Indore**



**Vice Chancellor  
Shri Vaishnav Vidyapeeth  
Vishwavidyalaya, Indore**