Shri Vaishnav Vidyapeeth Vishwavidyalaya
Shri Vaishnav Institute of Technology and Science
Choice Based Credit System (CBCS) Scheme in the light of NEP-2020
M.Tech. (VLSI Design)

SEMESTER-III (2025-2027)

S. No.	COURSE CODE	COURSE NAME	TEACHING SCHEME/WEEK			CREDITS	EXAMINATION SCHEME					TOTAL MARKS
							THEORY			PRACTICAL		
			L	T	P		End Sem Unversity Exam (60%)	Two Term Exam (20%)	Teachers Assess-ment* (20%)	End Sem Unversity Exam (60%)	Teachers Assess-ment* (40%)	
1	-	Elective III	3	0	0	3	60	20	20	0	0	100
2	-	Elective IV	3	0	0	3	60	20	20	0	0	100
3	-	MOOCs	2	0	0	2	-	-	-	-	-	100
4	MTVD303	Dissertation Phase I	0	0	20	10	0	0	0	180	120	300
TOTAL			**8**	**0**	**20**	**18**	**120**	**40**	**40**	**180**	**120**	**600**

Legends: L - Lecture ; T - Tutorial/Teacher Guided Student Activity ; P - Practical

***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 have to compulsorily opt MOOCS course of two credit from Swayam Portal**

Elective III

S. No.	Course Code	Course Name
1	MTVD311	Mixed Signal System Design
2	MTEEE321	Artificial Intelligence and Machine Learning
3	MTVD331	Hardware/Software Codesign

Elective IV

S. No.	Course Code	Course Name
1	MTVD312	Product Architectures Models and Firmware
2	MTVD322	SOC's Design Principals for Industrial Applications
3	MTVD332	Physical Design and Graphic Design

20/7/2026

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, Indore

Registrar
Shri Vaishnav Vidyapeeth
Vishwavidyalaya, Indore

Vice Chancellor
Shri Vaishnav Vidyapeeth
Vishwavidyalaya, Indore