

Vishwakarma Institute of Technology

Issue 1 : Rev No. 00: Dt. 03/07/26

Title : Course Structure

FF No. 653_A

Branch : Civil Engineering

Year: T.Y.

Academic Year : 2026-27

Semester: I

Module: 5

Pattern: 2024

Level <u>5.5</u>																							
Course Code	NEP Course Category	Course Name	Teaching Scheme (Hrs./week)			Examination Scheme and Marks													Credits				
			Theory	Tutorial	Practical	CVV	CP	LAB/ TUT	GD/ PPT	HA	MSE (W)	MSE (R)	MSE (O)	ESE (R)	ESE (W)	ESE (O)	PRACT+ CVV	ESE-Direct Evaluation	Theory	Tutorial	Practical	Total	
Semester <u>V</u>																							
CV3201	PCC	Design of RCC Structures*	3	-	2				-	-	-	-	-	-	40	-	60	-	3	0	1	4	
CV3202	PCC	Open Channel Hydraulics	2	-	2	20	30	10	-	-	-	-	-	-	40	-	-	-	2	0	1	3	
CV3203	PEC	Program Elective I	3	-	2	20	40	-	20	20	-	-	-	-	-	-	-	-	3	0	1	4	
MD316X	PEC	Program Elective II**	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	100	3	0	0	3	
MD320X	OE	Open Elective I**	4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	100	4	0	0	4	
MM0201A	MDC	Optimization Techniques	2	1	-	-	30	-	20	10	-	-	-	-	40	-	-	-	2	1	0	3	
CV3205	VSEC	Design Thinking - 1	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	100	0	1	0	1	
CV3204	FP	Engineering Research and Innovation - 1	-	-	4	-	-	-	-	-	-	30		70	-	-	-	-	0	0	2	2	
Total			17	2	10	40	100	10	40	30	-	30	-	70	120	-	60	300	17	2	5	24	

* External Pract+CVV

** Coursera

Abbreviations Used	
PPT	Powerpoint Presentation
GD	Group Discussion
CVV	Comprehensive Viva Voce
LAB	Laboratory
TUT	Tutorial
CP	Course Project
PR	Practical
HA	Home Assignment
MSE	Mid Semester Examination
ESE	End Semester Examination
R /W/O	Review /Written/Online

Program Elective I

CV3203A: Foundation Engineering
CV3203B: Environment Impact Assessment
CV3203C: Finite Element Method

Program Elective II

MD3161: Building Information Modeling

Open Elective I

MD3201: Fin Tech
MD3202: Digital Marketing
MD3203: Entrepreneurship
MD3204: Management



BOS Chairman

Dean Academics