



ST. VINCENT PALLOTTI COLLEGE OF ENGINEERING & TECHNOLOGY, NAGPUR

(An autonomous institution affiliated to Rashtrasant Tukadoji Maharaj Nagpur University)

B.Tech. Scheme of Examination & Syllabus 2023-24

CIVIL ENGINEERING

SEMESTER III

Sr No	Course Category	Course Code	Course Title	Hours per Week			Credits	Maximum Marks		
				L	T	P		Continual Assessment	End Sem Examination	Total
1	PCC	23CV301T	Applied Mathematics - III	4	-	-	4	30	70	100
2	PCC	23CV302T	Solid Mechanics	3	-	-	3	30	70	100
3	PCC	23CV302P	Solid Mechanics Lab	-	-	2	1	25	25	50
4	PCC	23CV303T	Construction Materials & Concreting Techniques	3	-	-	3	30	70	100
5	PCC	23CV303P	Construction Materials & Concreting Techniques Lab	-	-	2	1	25	25	50
6	PCC	23CV304T	Environmental Engineering	3	-	-	3	30	70	100
7	PCC	23CV304P	Environmental Engineering Lab	-	-	2	1	25	25	50
8	SEC	23CV305P	Career Development III	-	-	2	1	50	-	50
9	VEC	23ES301T	Value Education Course - I	2	-	-	2	15	35	50
10	ELC	23CV306P	Micro Project I*	-	-	2	1	50	-	50
11	MDM	23CV331M	MDM - I Basics of Civil Engineering	2	-	-	2	15	35	50
Total				17	-	10	22	325	425	750

* Field Project or Community engagement project in the major discipline

Multidisciplinary Minor - I	
23CV331M	Basics of Civil Engineering

		July 2024	1.0	Applicable for 2024-25
Chairman - BoS	Dean – Academics	Date of Release	Version	



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CIVIL ENGINEERING

SEMESTER IV

Sr No	Course Category	Course Code	Course Title	Hours per Week			Credits	Maximum Marks		
				L	T	P		Continual Assessment	End Sem Examination	Total
1	PCC	23CV401T	Structural Analysis	3	-	-	3	30	70	100
2	PCC	23CV401P	Structural Analysis Lab	-	-	2	1	25	25	50
3	PCC	23CV402T	Fluid Mechanics	3	-	-	3	30	70	100
4	PCC	23CV402P	Fluid Mechanics Lab	-	-	2	1	25	25	50
5	PCC	23CV403T	Surveying & Geomatics	3	-	-	3	30	70	100
6	PCC	23CV403P	Surveying & Geomatics Lab	-	-	2	1	25	25	50
7	OE	23CV461O	Open Elective - I	2	-	-	2	15	35	50
8	VSC	23CV405T	Technical Skill Development - I	2	-	-	2	50	-	50
9	VEC	23ES401T	Value Education Course II	2	-	-	2	15	35	50
10	SEC	23CV407P	Career Development - IV	-	-	2	1	50	-	50
11	ELC	23CV408P	Micro Project II*	-	-	2	1	50	-	50
Total				15	-	10	20	345	355	700
12	MDM	23CV431M	Multidisciplinary Minor - II	3	-	-	3	30	70	100
Total				18	-	10	23	375	425	800

* Field Project or Community engagement project in the major discipline

Open Elective - I	
23CV461O (I)	Construction Methodology
23CV461O (II)	Environmental Engineering

		July 2024	1.0	Applicable for 2024-25
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