



ST. VINCENT PALLOTTI COLLEGE OF ENGINEERING & TECHNOLOGY, NAGPUR

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

B.Tech. Scheme of Examination & Syllabus 2021-22

Civil Engineering

VII Semester B. Tech. (Civil Engineering)

Sr No	Course Code	Course Title	Hours per Week			Cred its	Maximum Marks		
			L	T	P		Continual Assessment	End Sem Examination	Total
1	21CV701T	Estimation & Costing	3	-	-	3	30	70	100
2	21CV701P	Estimation & Costing Lab	-	-	2	1	25	25	50
3	21CV702T	Construction Management & Law	3	-	-	3	30	70	100
4	21CV703T	Professional Elective – IV	3	-	-	3	30	70	100
5	21CV704T	Professional Elective - V	3	-	-	3	30	70	100
6	21CV761O	Open Elective - III	3	-	-	3	30	70	100
7	21CV705P	Project - II	-	-	8	4	50	50	100
8	21CV706P	Summer / Winter Internship *	-	-	-	2	50	-	50
9	21CV707P	Capstone Course - II **	-	-	2	1	50	-	50
Total			15	0	12	23	325	425	750

* Summer / Winter Internship (Evaluation of Four weeks Internship Completion till 6th Semester)

** Capstone Course – II (Comprehensive knowledge gained in Civil Engineering)

21CV703T	Professional Elective – IV
21CV703T(i)	PE-IV Advanced Concrete Structures
21CV703T(ii)	PE-IV Traffic Engineering
21CV703T(iii)	PE-IV Remote Sensing & GIS

21CV704T	Professional Elective – V
21CV704T(i)	PE-V Ground Improvement
21CV704T(ii)	PE-V Pavement Design
21CV704T(iii)	PE-V Advanced Steel Structures

21CV761O	Open Elective - III
21CV761O	OE-III Transportation Systems

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



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CIVIL ENGINEERING

VIII Semester B. Tech. (Civil Engineering)

Option A

Sr No	Course Code	Course Title	Hours per Week			Credits	Maximum Marks		
			L	T	P		Continual Assessment	End Sem Assessment	Total
1	21CV801P	Project based on one semester internship in Industry/Research Institute/ National Laboratories/ Incubation Center	-	-	-	12	200	200	400
Total			-	-	-	12	200	200	400

***End Semester Examination will consist of evaluation of Seminar and Project Report**

Option B is available to students only after recommendation of the concerned Head of the department. The project & internship should contribute towards career development plan of the student.

Sr No	Course Code	Course Title	Hours per Week			Credits	Maximum Marks		
			L	T	P		Continual Assessment	End Sem Assessment	Total
1	21CV802P	Institutional Internship	-	-	-	6	100	100	200
2	21CV803P	Project – III	-	-	-	6	100	100	200
Total			-	-	-	12	200	200	400

		July 2024	1.0	Applicable for 2024-25
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