



ST. VINCENT PALLOTTI COLLEGE OF ENGINEERING & TECHNOLOGY, NAGPUR



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

M.Tech. Scheme of Examination & Syllabus 2025-26

STRUCTURAL 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	Minimum Passing Marks	Total
1	PROJ	25SE401P	Project Phase – II OR Project based Internship	-	-	32	16	300	100	200	400
Total				8	-	16	-	300	100	200	400

		July 2026	1.0	Applicable for 2026-27
Chairman - BoS	Dean – Academics	Date of Release	Version	



ST. VINCENT PALLOTTI COLLEGE OF ENGINEERING & TECHNOLOGY, NAGPUR

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

M.Tech. Scheme of Examination & Syllabus 2025-26

STRUCTURAL ENGINEERING

Semester	Hours per Week			Credits	Maximum Marks		
	L	T	P		Continual Assessment	End Sem Examination	Total
First Semester	20	-	8	24	250	350	600
Second Semester	20	-	8	24	250	350	600
Third Semester	8	-	16	16	130	170	300
Fourth Semester	-	-	32	16	100	100	200
Total	48	-	64	80	730	970	1700

Basket for Program Elective

Semester	Course Category	Course Code	Name of Course	Credits
I	PEC	25SE105T(i) 25SE105T(ii) 25SE105T(iii)	Theory of Elasticity & Elastic Stability Advanced Steel Structures Design of Environmental Structures	4
II	PEC	25SE205T(i) 25SE205T(ii) 25SE205T(iii)	Design of High Rise Structures Bridge Engineering Advanced Earthquake Design	4
III	PEC	25SE301T(i) 25SE301T(ii) 25SE301T(iii)	Advanced Foundation Design Structural Health Monitoring Retrofitting and Rehabilitation of Structures	4
III	PEC	25SE302T(i) 25SE302T(ii) 25SE302T(iii)	Sustainable Construction and Demolition Engineering Theory of Plates and Shells Smart Structures and Application	4

		July 2025	1.0	Applicable for 2025-27
Chairman - BoS	Dean - Academics	Date of Release	Version	