



JSPM's
RAJARSHI SHAHU COLLEGE OF ENGINEERING
TATHAWADE, PUNE-33
(An Autonomous Institute Affiliated to Savitribai Phule Pune
University, Pune)



B. Tech. Civil Engineering
Academic Year -2024-2025 (Semester –VII)
(Level 6 –B.Tech.) -Semester VII

Course	Course Code	Course	Teaching Scheme				Credit	Examination Scheme				Total Marks	Ownership
			L	T	P	Hr		ISE	MSE	ESE	TW		
PCC	CE4201T	Dams and Hydraulic Structures	3	-	-	3	3	20	30	50	-	100	Civil
PCC	CE4202T	Quantity Surveying and Contracts and Tenders	3	-	-	3	3	20	30	50	-	100	Civil
PCC	CE4202L	Quantity Surveying and contracts and Tenders Lab	-	-	2	2	1	ISCE: 30		20	-	50	Civil
PCC	CE4203T	Transportation Engineering	3	-	-	3	3	20	30	50	-	100	Civil
PCC	CE4203L	Transportation Engineering Lab	-	-	2	2	1	ISCE: 30		20	-	50	Civil
PEC	CE4204T	Professional Elective IV	3			3	3	20	30	50	-	100	Civil
MDM	CEM4201T	Multidisciplinary Minor IV	3			3	3	20	30	50	-	100	Other Departme
MDM	CEM4201L	Multidisciplinary Minor IV Lab	-		2	2	1	ISCE: 30		20	-	50	Other Departme
CEP	CE4205L	Engineering Innovation and society II	-	-	8	8	4	ISCE: 100		100	-	200	Civil
Total			18		12	30	22					850	

Notes:

For Theory courses: There shall be MSE, ISE and ESE. The ESE is a separate head of passing.

For Lab courses: There shall be continuous assessment (ISCE). The ESE is a separate head of passing.

Multidisciplinary Minor IV		Multidisciplinary Minor IV Lab	
Course Code	Course Name	Course Code	Course Name
CEM4201T	Construction Management	CEM4201L	Construction Management Lab

Professional Elective IV	
Course Code	Course Name
CE4204T-A	Environmental Impact Assessment
CE4204T-B	Total Quality Management & Management Information System
CE4204T-C	Advanced Design of Concrete Structure
CE4204T-D	Smart City management of Urban Infrastructure



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B. Tech. Civil Engineering
Academic Year -2024-2025 (Semester –VIII)

REGULAR TRACK

Course	Course Code	Course	Teaching Scheme				Credit	Examination Scheme				Total Marks	Ownership
			L	T	P	Hr		ISE	MSE	ESE	TW		
CEP	CE4206L	Compressive Evaluation	-	-	4	4	2	ISCE: 100				100	Civil
HSSM	CE4207T	Research Methodology	4	-		4	4	20	30	50	-	100	Civil
HSSM	CE4208T	Industrial Psychology	4	-		4	4	20	30	50	-	100	Civil
PEC	CE4209T	Infrastructure Engineering	4	-		4	4	20	30	50	-	100	Civil
VSEC	CE4210T	SWAYAM Courses	2	-		2	2				-	100	Civil
Total			10	2	4		16					500	

Notes: For Theory courses: There shall be MSE, ISE and ESE. The ESE is a separate head of passing.
For Lab courses: There shall be continuous assessment (ISCE). The ESE is a separate head of passing.

B. Tech. Civil Engineering
Academic Year -2024-2025 (Semester –VIII)

INTERNSHIP TRACK

Course	Course Code	Course	Teaching Scheme				Credit	Examination Scheme				Total Marks	Ownership
			L	T	P	Hr		ISE	MSE	ESE	TW		
CEP	CE4206L	Compressive Evaluation	-	-	4	4	2	ISCE: 100				100	Civil
VSEC	CE4210T	SWAYAM Courses	2	-		2	2				-	100	Civil
OJT	CE4211L	Industry Internship/Entrepreneurship Internship/ Training Program	-	-	24	24	12	ISCE: 300				300	Civil
Total							16	20	30	50		500	

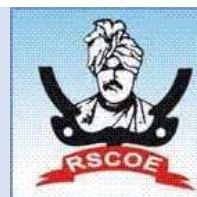
Notes:

For Theory courses: There shall be MSE, ISE and ESE. The ESE is a separate head of passing.

For Lab courses: There shall be continuous assessment (ISCE). The ESE is a separate head of passing.



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List of Exit Courses

Year (Certificate)	Course code	Name	Credits
First Year (One Year UG Certificate)	EX-CE1201	Basic Civil Engineering	2
	EX-CE1202	Solid Mechanics	2
	EX-CE1203	Geotechnical Engineering	2
	EX-CE1204	Fluid Mechanics	2
Second Year (Two Years UG Diploma)	EX-CE2101	Fundamentals of structural Design	2
	EX-CE2102	Quantity Survey and Estimation	2
	EX-CE2103	Transportation	2
	EX-CE2104	Environmental Engineering	2
Third Year (Three Years Bachelor's Degree in Vocation (B.Voc.) or B. Sc.	EX-CE3201	Advanced Design of Concrete Structures	2
	EX-CE3202	Total Quality Management	2
	EX-CE3203	Infrastructure Engineering And Construction Techniques	2
	EX-CE3204	Advanced Transportation Engineering	2