

B.Tech HONORS COURSE STRUCTURE and SYLLABUS- 2019 PATTERN

(W.e.f. June 2021)

Board of Studies in Civil Engineering

B. Tech Honors Course Structure-Civil Engg Dept.**Water Structures**

Year /Sem	Cat	Code	Course Title	Hrs./Week			Cre dits	Marks						
				L	T	P		Theory			OR	PR	TW	Total
								ISE	ESE	CIA				
T Y Sem-I	PCC	CE8301	Hydraulic design of drinking water treatment plant	4	-	-	4	30	50	20	-	-	-	100
T Y Sem-II	PCC	CE8302	Structural analysis of water structures	4	-	-	4	30	50	20	-	-	-	100
T Y Sem-II	PCC	CE8303	Structural analysis of water structures (LAB)	-	-	2	1	-	-	-	-	-	50	50
Final Sem-I	PCC	CE8304	Structural design of water structures - I	4	-	-	4	30	50	20	-	-	-	100
Final Sem-I	PCC	CE8305	Structural design of water structures - II	4	-	-	4	30	50	20	-	-	-	100
Final Sem-II	PCC	CE8306	Structural design of water structures – II (Lab)	-	-	2	1	-	-	-	-	-	50	50
			Total	16	-	04	18	120	200	80	-	-	100	500



B.Tech HONORS COURSE STRUCTURE and SYLLABUS- 2021 PATTERN
(W.e.f. Aug, 2023)

Board of Studies in Civil Engineering, Aug, 2023

B. Tech Honors Course Structure-Civil Engg Dept.
Infrastructure Engineering

Year /Sem	Course			Teaching Scheme				Evaluation Scheme / Marks						
	Cat	Code	Course Title	Hrs /Week			Credits	Theory			OR	PR	TW	Total
				L	T	P		CIA	ISE	ESE				
T Y Sem-I	PCC	CE8101	Infrastructure Policies	4	-	-	4	40	-	60	-	-	-	100
T Y Sem-II	PCC	CE8102	Infrastructure Planning and Economics	4	-	-	4	40	-	60	-	-	-	100
T Y Sem-II	PCC	CE8103	Infrastructure Planning and Economics	-	-	2	1	-	-	-	-	-	50	50
Final Sem-I	PCC	CE8104	Infrastructure Planning for Smart City	4	-	-	4	20	30	50	-	-	-	100
Final Sem-II	PCC	CE8105	Infrastructural Projects	4	-	-	4	20	30	50	-	-	-	100
Final Sem-II	PCC	CE8106	Infrastructural Projects	-	-	2	1	-	-	-	-	-	50	50
			Total	16	-	04	18	120	60	220	-	-	100	500



SRES'S SANJIVANI COLLEGE OF ENGINEERING KOPARGAON
(An Autonomous Institute Affiliated to SPPU Pune)

B. TECH. HONORS COURSE STRUCTURE-2023 PATTERN

(as per NEP 2020)

B. TECH HONORS CIVIL ENGINEERING (w.e.f. 2024-25)

Transportation Systems

Year /Sem	Course			Teaching Scheme				Evaluation Scheme / Marks						
	Cat	Code	Course Title	Hrs /Week			Credits	Theory			OR	PR	TW	Total
				L	T	P		CIA	ISE	ESE				
S Y Sem-IV	PCC	HOCE291	Introduction to Transportation Systems	4	-	-	4	40	-	60	-	-	-	100
T Y Sem-V	PCC	HOCE391	Highway Engineering	4	-	-	4	40		60	-	-	-	100
T Y Sem-VI	PCC	HOCE392	Railway Engineering	4	-	-	4	40	-	60	-	-	-	100
T Y Sem-VI	PCC	HOCE393	Railway Engineering Lab	-	-	2	1	20	-	30	-	-	-	50



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B. TECH. HONORS COURSE STRUCTURE-2023 PATTERN
(as per NEP 2020)

B. TECH HONORS CIVIL ENGINEERING (w.e.f. 2025-26)
Construction Project Management

Year /Sem	Course			Teaching Scheme				Evaluation Scheme / Marks						
	Cat	Code	Course Title	Hrs /Week			Credits	Theory			OR	PR	TW	Total
				L	T	P		CIA	ISE	ESE				
S Y Sem-IV	PCC	HOCE292	Construction Project Management	4	-	-	4	40	-	60	-	-	-	100

