

Sanjivani College of Engineering, Kopergaon

(An Autonomous Institute) Affiliated to Savitribai Phule Pune University.

At Sahajanandnagar, Post Shingnapur-423603, Ta.; Kopergaon, Dist.: Ahmednagar (MS)

Approved by AICTE, ISO 9001-2015 Certified, Accredited by NBA, Accredited 'A' Grade by NAAC,

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Department of Structural Engineering

B.Tech. Honors (Structural Engineering)

Honors Course – I: Computers and Structures

Semester	Course Code	Course Title	Teaching Scheme (Hrs./Week)			Credits	Evaluation Scheme (Marks)					
			L	T	P		Theory		OR	PR	TW	Total
							CIA	ESE				
V	ST8101	Introduction to Data Processing Tools	04	-	-	04	40	-	-	60	-	100
VI	ST8102	Problem Solving using Python	04	-	-	04	40	-	-	60	-	100
VII	ST8103	Advanced Structural Analysis and Design using STAAD Pro.	04	-	-	04	40	-	-	60	-	100
VIII	ST8104	Advanced Structural Analysis and Design using ETABs	04	-	-	04	40	-	-	60	-	100
VII	ST8105	Computers and Structures Lab-I	-	-	02	01	-	-	-	-	50	50
VIII	ST8106	Computers and Structures Lab-II	-	-	02	01	-	-	-	-	50	50
Total			16	-	04	18	160	-	-	240	100	500

Honors Course – II: Building Information Modelling

Semester	Course Code	Course Title	Teaching Scheme (Hrs./Week)			Credits	Evaluation Scheme (Marks)					
			L	T	P		Theory		OR	PR	TW	Total
							CIA	ESE				
V	ST8101	Revit Architecture	04	-	-	04	40	-	-	60	-	100
VI	ST8102	Revit Structure	04	-	-	04	40	-	-	60	-	100
VII	ST8103	Revit MEP - I	04	-	-	04	40	-	-	60	-	100
VIII	ST8104	Revit MEP - II	04	-	-	04	40	-	-	60	-	100
VII	ST8105	BIM Lab-I	-	-	02	01	-	-	-	-	50	50
VIII	ST8106	BIM Lab-II	-	-	02	01	-	-	-	-	50	50
Total			16	-	04	18	160	-	-	240	100	500

BOS Chairman

Dean Academics

Director