



Course Name: Structural Health Monitoring

YEAR & SEM: II & I Sem

CE	Course Outcomes	Bloom/ Taxonomy Level
PC1121SE.1	Understand the fundamentals of maintenance and repair strategies.	UNDERSTAND
PC1121SE.2	Diagnose for serviceability and durability aspects of concrete.	EVALUATE
PC1121SE.3	Know the materials and techniques used for repair of structures.	UNDERSTAND
PC1121SE.4	Decide the appropriate repair, strengthening, rehabilitation and retrofitting technique required for a case study building.	EVALUATE
PC1121SE.5	Use an appropriate health monitoring technique and demolition technique.	APPLY



Course Name: Major Project Phase – I
YEAR & SEM: II & I Sem

CE	Course Outcomes	Bloom/ Taxonomy Level
PC1156SE.1	Exposed to self-learning various topics.	UNDERSTAND
PC1156SE.2	Learn to survey the literature such as books, journals and contact resource persons for the selected topic of research.	UNDERSTAND
PC1156SE.3	Learn to write technical reports.	UNDERSTAND
PC1156SE.4	Develop oral and written communication skills to present.	APPLY
PC1156SE.5	Defend their work in front of technically qualified audience	APPLY

Course Name: Retrofitting and Rehabilitation of Structures

YEAR & SEM: II & I Sem

CE	Course Outcomes	Bloom/ Taxonomy Level
PE1121SE.1	Understand the fundamentals of maintenance and repair strategies.	UNDERSTAND
PE1121SE.2	Diagnose for serviceability and durability aspects of concrete.	EVALUATE
PE1121SE.3	Know the materials and techniques used for repair of structures.	UNDERSTAND
PE1121SE.4	Decide the appropriate repair, strengthening, rehabilitation and retrofitting technique required for a case study building.	EVALUATE
PE1121SE.5	Use an appropriate health monitoring and demolition techniques.	APPLY