

CO-PO & CO-PSO Mapping (17 Scheme)

REHABILITATION & RETROFITTING OF STRUCTURES (17CV753)

CO's

CO1	Understand the basic definition for repair and retrofitting; also the physical and chemical causes for deterioration of concrete structures.
CO2	Understand the mechanism of damage and able to assess the damage using techniques of visual inspection and NDT.
CO3	Will be able to categorize the physical causes and prevention mechanism of corrosion in steel reinforcement.
CO4	Understand the importance of maintenance and able to apply different strengthening techniques to repair and rehabilitation of structures.
CO5	Understand the different types of repairs and retrofitting material and able to choose the ideal material for repair and retrofitting technique.

PSO's

PSO-1: Graduates will be able to analyze, design and execute the civil engineering structures effectively for the sustainable development.

PSO-2: Graduates will acquire critical thinking abilities and technical skills for the usage of modern tools in development of civil engineering structures.

PSO-3: Graduates will be able to get opportunities for their professional growth, demonstrate communication and aptitude skills to face the challenges and needs of our society.

CO	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2	PSO3
CO1	3	2	-	-	-	-	-	-	-	-	-	-	3	-	-
CO2	3	3	3	3	2	-	-	-	-	-	-	-	3	3	2
CO3	3	2	-	-	-	-	-	-	-	-	-	-	2	-	-
CO4	3	3	3	2	2	-	-	-	-	-	-	-	3	3	2
CO5	3	3	3	2	2	-	-	-	-	-	-	-	3	3	2