



|| Jai Sri Gurudev ||
Adichunchanagiri Shikshana Trust (R)
BGS INSTITUTE OF TECHNOLOGY
Department of Civil Engineering

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

Programme	Course Code	Course Name	Credits	L-T-P	Assessment		Exam Duration
					SEE	CIE	
B.E	17C404 E	Design of Bridges	03		60	40	3Hrs

CO's

17C404.1	Discuss the IRC standard live loads and design the deck slab type bridges.
17C404.2	Analyse the box culvert and pipe culvert for the given loading and detail them.
17C404.3	Design and detail of T-Beam bridges.
17C404.4	Design and check the stability of piers and abutments.

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
17C404.1	3	3	3	-	-	1	-	-	-	-	1	-	3	3	3
17C404.2	3	3	-	-	-	1	-	-	-	-	1	-	3	3	3
17C404.3	3	3	3	-	-	1	-	1	1	-	1	-	3	3	3
17C404.4	3	3	3	-	-	1	-	1	1	-	1	-	3	3	3
17C404	3	3	3	-	-	1	-	1	1	-	1	-	3	3	3

Course Owner

HOD