



|| 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	17C403	Hydrology and Irrigation Engineering					3Hrs

CO's

17C403.1	Understand the importance of hydrology and its components.
17C403.2	Ability to know the concept of hydrologic cycle and to quantify precipitation, evaporation and infiltration processes.
17C403.3	Understand rainfall - runoff relationship, hydrographs and develop unit hydrographs.
17C403.4	Knowledge of various terms of irrigation and aspects related to water requirement of crops.
17C403.5	Knowledge of design the canal and compute the reservoir capacity.

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
17C403.1	2	1	-	-	-	-	-	-	-	-	-	-	1	-	-
17C403.2	3	2	1	-	-	-	-	-	-	-	-	-	2	2	1
17C403.3	3	2	2	-	-	-	-	-	-	-	-	-	2	1	1
17C403.4	2	1	-	-	-	-	-	-	-	-	-	-	1	1	1
17C403.5	3	2	2	-	-	-	-	-	-	-	-	-	2	1	1
17C403	2.6	1.6	1.67	-	-	-	-	-	-	-	-	-	1.6	1.25	1

Course Owner

HOD