



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

CO-PO & CO-PSO Mapping (18 Scheme)

Programme	Course Code	Course Name	Credits	L-T-P	Assessment		Exam Duration
					SEE	CIE	
B.E	18C311	Hydrology and Irrigation Engineering					3Hrs

CO's

18C311.1	Understand the importance of hydrology and its components.
18C311.2	Measure precipitation and analyze the data and analyze the losses in precipitation.
18C311.3	Estimate runoff and develop unit hydrographs.
18C311.4	Find the benefits and ill-effects of irrigation.
18C311.5	Find the quantity of irrigation water and frequency of irrigation for various crops.
18C311.6	Find the canal capacity, 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
18C311.1	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-
18C311.2	3	2	1	-	-	-	-	-	-	-	-	-	1	-	-
18C311.3	3	2	2	-	-	-	-	-	-	-	-	-	1	1	-
18C311.4	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-
18C311.5	3	3	2	-	-	-	-	-	-	-	-	-	2	1	-
18C311.6	3	3	2	1	-	-	-	-	-	-	-	-	2	1	1
18C311	3	2.5	1.75	1	-	-	-	-	-	-	-	-	1.5	1	1

Course Owner

HOD