

COURSE MODULES OF THE SUBJECT TAUGHT FOR THE SESSION Jan- MAY 2025-26(EVENSEM)

Course Syllabus with CO's

Irrigation Engineering and Hydraulic structures by Santhosh kumar Garg, Khanna Publishers
 Irrigation engineering by K. R. Arora Standard Publishers.
 Irrigation and water power engineering by Punmia & Lal, Laxmi publications Pvt. Ltd., New Delhi
 Theory and Design of Hydraulic structures by Varshney, Gupta & Gupta
 Irrigation Engineering by R.K. Sharma and T.K. Sharma, S. Chand Publishers 2015.
 Irrigation Theory and Practice by A. M. Micheal Vikas Publishing House 2015.
 Irrigation and water resources engineering by G.L. Asawa, New Age International Publishers.

The Correlation of Course Outcomes (CO's) and Program Specific Outcomes (PSO's)

List of URLs, Text Books, Notes, Multimedia Content, etc

<https://searchworks.stanford.edu/view/10496310>

<https://searchworks.stanford.edu/view/13576277>

<https://searchworks.stanford.edu/view/11842972>

Course Outcomes	1. Demonstrate different methods of irrigation, methods of application of water and irrigation procedure.
	2. Design canals and canal network based on the water requirement of various crops and compute the reservoir capacity
	3. Analysing and designing of Gravity dam
	4. Finding cross section of earth dam and estimate the seepage loss
	5. Designing spillways and apron for diversion work

Internal Assessment Marks: 25marks (3Session Tests are conducted during the semester and marks allotted based on average of 2best performances) + 25 Marks Assignment

Subject Code:	BCV602	TITLE: Irrigation Engineering and Hydraulics Structures										Faculty Name:	AKHILA C G
List of Course Outcomes	Program Outcomes												
	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	Total	1
CO-1	3	1	-	-	-	2	1	-	-	-	1	8	
CO-2	3	1	-	-	-	2	1	-	-	-	1	8	
CO-3	3	1	-	-	-	2	1	-	-	-	1	8	
Total	12	3				6	3				3	2	7

Note: 3=Strong Contribution 2=Average Contribution 1=Weak Contribution 0=No Contribution

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List of Course Outcomes	Program Specific Outcomes			
	PSO1	PSO2		Total
CO-1	1	-		1
CO-2	1	-		1
CO-3	1	-		1
CO-4	1	-		1
CO-5	1	-		1
Total	5	-		5

