

1152CE132 (VTUR15)	<b>HYDROLOGY</b>	<b>L</b>	<b>T</b>	<b>P</b>	<b>C</b>
		<b>3</b>	<b>0</b>	<b>0</b>	<b>3</b>

**Course Category:** Programme Elective

**A. Preamble**

Students undergoing this course are expected

- To understand the resources and storage of water and also able to analyse the various losses and flood management.

**B. Prerequisites**

- NIL

**C. Link to other Course(s)**

- Basics of Dynamics and Aseismic Design of Structures

**D. Course Outcomes**

CO Nos.	Course Outcomes	Level of learning domain (Based on revised Bloom's taxonomy)
C01	Discuss the various types, forms of Rainfall and its Measurements	K2
C02	Estimate the Direct Measurement of Evapotranspiration.	K3
C03	Describe the Measurement of infiltration and Hydrograph.	K3
C04	Enumerate the various methods of Flood Routing.	K2
C05	Discuss the Ground Water Hydrology and its analysis.	K3

**E. Correlation of COs with POs**

COs	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2
CO1	H	M			M		H				M			
CO2		M				H	H	H			M			
CO3	M	M				M	H				M			
CO4	M	M					H				M			
CO5	M	M				H		H			M			

