

Course Number and Name												
BCE084 - HYDROLOGY												
Credits and Contact Hours												
3 & 45												
Course Coordinator's Name												
Ms.B.Kaviya												
Course Objective												
<ul style="list-style-type: none"> To impart knowledge on hydrological cycle, spatial and temporal measurement and analysis of rainfall and their applications including flood routing and ground water hydrology 												
Prerequisites						Co-requisites						
Fluid Mechanics						NIL						
required, elective, or selected elective (as per Table 5-1)												
Course Outcomes (COs)												
CO1	Measure the rainfall intensity , duration and frequency											
CO2	Assess the losses of precipitation due to evaporation											
CO3	Prepare the unit hydrograph for surface runoff											
CO4	Solve the flood routine and channel routine problems											
CO5	Conduct yield test on aquifers											
Student Outcomes (SOs) from Criterion 3 covered by this Course												
COs/SOs	a	b	c	d	e	f	g	h	i	j	k	
CO1	H		H		M		H					
CO2	H		H		H							
CO3	H	M	H		M	H						
CO4	H		H	H	H							
CO5	H		H		H							