

SYLLABUS :-

1.Demonstration of hydrological instruments2.Rainfall analysis - estimation of rainfall erosivity index, mean aerial rainfall, consistency of records, and network design3.Development of DAD and IDF curves4.Rainfall-runoff process using rainfall simulator5.Hydrograph analysis6.Unit hydrograph and synthetic unit hydrograph7.Flood routing8.Soil loss estimation9.Design of vegetated waterways and bunds10.Design of broad base and bench terraces11.Hydraulic design of drop spillway12.Structural design of drop spillway13.Drop inlet spillway design14.Chute spillway design