OUTCOMES

- CO1: have a thorough understanding of the theories and principles governing the hydrologic processes,
- CO2: be able to quantify major hydrologic components and apply key concepts to several practical areas of engineering hydrology and related design aspects
- CO3: develop Intensity-Duration-Frequency and Depth-Area Duration curves to design hydraulic structures.
- CO4: be able to develop design storms and carry out frequency analysis
- CO5: be able to determine storage capacity and life of reservoirs.
- CO6: develop unit hydrograph and synthetic hydrograph
- CO7: be able to estimate flood magnitude and carry out flood routing.
- CO8: be able to determine aquifer parameters and yield of wells.
- CO9: be able to model hydrologic processes