

DEPARTMENT VISION	INSTITUTION VISION
The Department of Civil Engineering strives to graduate highly qualified engineers, maintain nationally recognized research and provide quality professional and community service to the society.	To emerge as a premier institution in the field of technical education and research in the state and as a home for holistic development of the students and contribute to the advancement of society and the region.

DEPARTMENT MISSION	INSTITUTION MISSION
<ul style="list-style-type: none"> • To enhance quality of the program by creating an environment conducive for innovative teaching and learning. • To generate research opportunities that creates synergy among faculty, students, and practicing professionals. • To work in conjunction with other departments in the institution to provide multidisciplinary opportunities for both students and faculty. • To contribute for the improvement in the quality of life in society through innovation, sharing, and use of knowledge. 	To provide high quality technical education through a creative balance of academic and industry oriented learning; to create an inspiring environment of scholarship and research; to instill high levels of academic and professional discipline; and to establish standards that inculcate ethical and moral values that contribute to growth in career and development of society in general.

Course objectives:

At the beginning of the course the objectives are:

1. To Understand the hydrological cycle and its components
2. To make learn the unit hydrograph and its analysis
3. To know the concept of the ground water hydrology and its occurrence.
4. To know the Design of reservoir capacity and basic principles of flood routing method
5. To understand the necessity and importance of irrigation and its methods.
6. To learn the Design of irrigation canals by Kennedy's and lacey's theory.

Course Outcomes:

At the end of the course the student will be able to:

1. Draw the hydrological cycle and its components.
2. Develop unit hydrograph based on the stream flow data and conduct unit hydrograph analysis.
3. Asses the movement of ground water beneath the earth.
4. Design of the reservoir capacity and able to understanding the basic principles of flood routing method.
5. Identify the importance of irrigation systems and its applications.
6. Design the irrigation canals by Kennedy's and lacey's theory.