PROGRAMME OUTCOMES (POs):

After going through the four years of study, our Water Resources Engineering Graduates will exhibit ability to:

PO#	Graduate Attribute	Programme Outcome
PO1	Engineering knowledge	Apply the knowledge of mathematics, science and engineering fundamentals to the formulation and conceptualization of Hydrology Water Resources Engineering theory and model.
PO2	Problem analysis	Identify, formulate and solve engineering problems.
PO3	Design/development of solutions	Design structures, Water Resources elements or processes that meet specified needs with appropriate consideration for public health and safety, cultural, societal and environmental considerations.
PO4	Conduct investigations of complex problems	Conduct experiments and collect, analyze and interpret the data.
PO5	Modern tool usage	Create, select and apply appropriate techniques and modern engineering tools including analysis, modeling and design software, with due understanding of the limitations.
PO6	The Engineer and society	Conduct themselves to uphold the professional and social obligations.
PO7	Environment and sustainability	Design the structure with environment consciousness and sustainable development.
PO8	Ethics	Understand and commit to professional ethics and responsibilities of Water Resources Engineers and to contribute to the society for sustainable development.
PO9	Individual and team work	Function effectively as an individual and as a member or leader in diverse teams and in multi-disciplinary settings and demonstrating a capacity for self-management and teamwork, decision-making based on open-mindedness, objectivity and rational analysis.
PO10	Communication	Communicate effectively with the engineering community and with society at large, and write reports and make effective presentations.
PO11	Project management and finance	demonstrate a knowledge and understanding of management and business practices, such as risk and change management, and understand their limitations
PO12	Life-long learning	Develop ability to engage in independent and life-long learning to improve competence by critical examination of the outcomes of one's actions and learning from corrective and preventive measures.