M.Tech. in WATER RESOURCES ENGINEERING

Started in 2012 with the intake of 18 students.

Programme Educational Objectives (PEOs)

PEO1: To impart both conventional and state of the art knowledge for analysis and design of systems related to Water resources.

PEO2: To equip students with the capability to integrate theoretical and computational approaches for research in the area of Water resources.

PEO3: To inculcate professional and ethical attitude in students while working as a team for finding acceptable solutions to real life problems.

Programe Outcomes (POs)

PO1: An ability to apply knowledge of mathematics, applied science and engineering principles in the field of Water Resources.

PO2: Ability to correctly visualize, analyze and provide appropriate design solutions to complex water resources problems

PO3: The ability to validate theoretical knowledge through experimental work and also analyze and interpret the results PO4: An ability to collaborate with multidisciplinary groups for providing sustainable solutions to water resources problems, within societal and environmental constraints.

PO5: An ability to apply appropriate modern computational techniques and software for the modeling hydrological systems at Watershed level.

PO6: The skills to undertake theoretical and experimental research for the benefit of the society

PO7: The ability to communicate (both oral and written) freely and effectively with better interactive ability with masses.

PO8: The right attitude and aptitude to engage in lifelong learning for professional advancement with integrity and ethics