

M. Tech Geoinformatics

Program Educational Objectives (PEO)

1. Learn the principles of Geoinformatics courses.
2. Acquisition of necessary skillset in the fundamentals, methodological and computational aspects of Geoinformatics to increase the opportunities for higher education and employability in the Research & Development and Industry sector.
3. Develop the technical skills of developments in various types of data collection, basic and advanced analysis, quality assurance and outcome of Geoinformatics along with varied application domains.
4. Convert the knowledge gained to address local/ regional data-driven ecological and societal problems in the geospatial context.
5. Ability to synergize with the allied fields like Computer science, machine learning, Artificial Intelligence and Information Technology.

Program Outcomes (PO)

1. Understand the fundamentals and concepts of various domains in the field of Geoinformatics.
2. Ability to understand the problem of geospatial context, perform solution-driven analysis and efficiently solve them.
3. Ability to think innovatively and carryout advanced research in Geoinformatics.
4. Develop the capacity to communicate concepts, scientific and technical methods and results, and ideas effectively through oral and written means.