

## Course objectives

The main course objective is to make students understand the basics of remote sensing and Geographical Information System and Global Positioning System (GPS). It is further aimed at developing among students the skills to use remote sensing and GIS based software.

## Learning Methods

- In class lecture
- Online tutorials
- Lab/Field exercises
- Project-Based Learning
- Assignments
- Presentations

## Learning outcomes

- Gain a wider understanding of basic principles of remote sensing and GIS
- Enable the students to explore and handle different satellite datasets for specific applications in forests and vegetation landscapes.
- Enhance abilities and skills for mapping and monitoring of changes associated with forest and urban green spaces for effective policy making and management.

# Urban Resilience and Adaptation for India and Mongolia: Curricula , capacity, ICT and stakeholder collaboration to support green & blue infrastructure and nature based solutions



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## GEOMATICS

Updated 4 ECTS COURSE  
offered to  
BSc (Hons) Forestry students  
in Spring Semester

Faculty of Forestry  
SKUAST Kashmir