

<b>Course title:</b> Principles of GIS and GNSS			
<b>Course code:</b> NRG 176	<b>No. of credits:</b> 4	<b>L-T-P:</b> 42-2-32	<b>Learning hours:</b> 60
<b>Pre-requisite course code and title (if any):</b> None			
<b>Department:</b> Department of Natural and Applied Sciences			
<b>Course coordinator :</b> Dr. Ayushi Vijhani		<b>Course instructor:</b> Dr. Ayushi Vijhani	
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<b>Course type:</b> Core		<b>Course offered in:</b> Semester 1	
<b>Course Description</b> It introduces participant to the fundamentals of GIS, GNSS, data models, data sources, databases, cartography, Overview of Global Navigation Satellite System (GNSS) and geospatial metadata.			
<b>Course objectives</b>			
<ol style="list-style-type: none"> <li>1. To provide a firm understanding of the conceptual and technical understanding of GIS and GNSS</li> <li>2. To prepare students for spatial data analysis and modelling</li> </ol>			