

Course title: Principles of Cartography			
Course code: NRG 171	No. of credits: 3	L-T-P: 22-8-30	Learning hours: 45
Pre-requisite course code and title (if any): None			
Department: Department of Natural and Applied Sciences			
Course coordinator: Dr. Ayushi Vijhani		Course instructor: Dr. B.K. Bhadra	
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Course type: Core		Course offered in: Semester 1	
<p>Course Description</p> <p>In this course, we study the art, science, politics, and technologies of cartography, to understand how maps are created and used to represent and communicate spatial phenomena and their relationships. Course lectures, readings, discussions and lab activities will introduce to the concepts, techniques, hardware, and software used for cartography.</p>			
<p>Course objectives</p> <ol style="list-style-type: none"> 1. To apply principles of map preparation techniques 2. To use different thematic mapping techniques to represent spatial phenomena 3. To design maps for effective communication 			