

Course Title: Earth and Earth Surface Processes			
Course code:	No. of credits: 4	L-T-P: 60-0-0	Learning hours: 60
L: Lectures; T: Tutorials; P: Practicals			
Pre-requisite course code and title (if any): None			
Department: Natural and Applied Sciences			
Course coordinator:		Course instructor:	
Contact details:			
Course type: Core		Course offered in: Semester 1	
<p>Course Description</p> <p>This course provides introductory knowledge of the earth and its surface processes. Due to their dynamic nature, these processes affect the environment. Therefore, any environmental change due to these earth surface process needs to be studied carefully before making any policy decisions or targeted interventions. The course content describes the origin of the Earth, its structure, and terrestrial processes, surrounding atmospheric phenomena and oceanic environment. Combined knowledge of all these processes provides the students with a basic understanding of the earth and its environment. It will also be helpful in developing basics for any environmental or earth system modeling studies later.</p>			
<p>Course Objectives</p> <p>The course aims to build the following basic concepts among the students:</p> <ul style="list-style-type: none"> • Understanding of the Earth's structure, composition, and surface processes. • Understanding of the atmospheric environment and associated interactions • Understanding the oceanic environment and land-atmosphere-ocean interactions. 			