

Course title: Advanced Geosciences			
Course code: NRE 170	No. of credits: 3	L-T-P: 38-07-0	Learning hours: 45
Pre-requisite course code and title (if any): Environmental Geosciences			
Department: Natural and Applied Sciences			
Course coordinator:		Course instructor:	
Contact details:			
Course type: Elective		Course offered in: Semester 2	
<p>Course Description</p> <p>Contemporary geology driven environmental issues such as geological episodic events, geogenic pollution, depletion of natural resources and global climate change are intrinsically linked with the various components of the Earth's systems and its processes. Thus, for effective management of the environment and its resources, knowledge on the Earth's physical functioning and its inter-linkages with the various developmental aspects are essential.</p> <p>This course will provide the students with a advance understanding of the key processes of the Earth's system and its linkages with natural disasters and anthropogenic interferences. Different aspect of earth's processes and natural resources will be discussed in the context of environmental challenges.</p> <p>The course will provide the necessary knowledge and skillsets to the students for analyzing the trends in Earth's environment and the causative agents.</p>			
<p>Course objectives</p> <ul style="list-style-type: none"> - This course will provide a detailed understanding of the key processes of the Earth's system related to the developments and current environmental challenges. - It will enable them to understand the effects of anthropogenic interferences on Earth's functioning, and its impact on geological/geomorphological changes. 			