

<b>Course title:</b> Environmental Geosciences			
<b>Course code:</b> NRE 139	<b>No. of credits:</b> 3	<b>L-T-P:</b> 38-4-6	<b>Learning hours:</b> 45
<b>Pre-requisite course code and title (if any):</b>			
<b>Department:</b> Natural and Applied Sciences			
<b>Course coordinator:</b> Dr Amit Singh		<b>Course instructor:</b> Dr Amit Singh	
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<b>Course type:</b> Core		<b>Course offered in:</b> Semester 1	
<p><b>Course Description</b></p> <p>The earth is facing several developmental challenges such as environmental pollution, depletion of natural resources and global climate change. All these challenges are intrinsically linked with the various components of the Earth's systems and its processes. Thus for addressing the various global developmental challenges, knowledge on the Earth's physical functioning and its inter-linkages with the various developmental aspects is essential.</p> <p>This course aims to provide the students with the fundamental scientific understanding of the Earth's components and the various environmental processes that controls its functioning.</p> <p>The course will also introduce the students on how development and various anthropogenic activities affect the Earth's environment.</p> <p>The course will provide the necessary knowledge and skillsets to the students for studying how the Earth's environment and climate have changed over time under natural as well as anthropogenic influences.</p>			
<p><b>Course objectives</b></p> <ul style="list-style-type: none"> <li>• The course will introduce students to the fundamental scientific understanding of the Earth's components and its drivers.</li> <li>• To apply the theoretical knowledge of the Earth's functioning in understanding real life environmental challenges.</li> </ul>			