

<b>Course Title:</b> Basics of Climate Science			
<b>Course Code:</b> NRC 131	<b>No. of Credits:</b> 3	<b>L-T-P:</b> 30-15-0	<b>Learning Hours:</b> 45
<b>Pre-requisite Course Code and Title (if any):</b> None			
<b>Department:</b> Natural and Applied Sciences			
<b>Course Coordinator:</b> Dr Anand Madhukar		<b>Course Instructor:</b> Dr Anand Madhukar	
<b>Contact Details:</b> anand.madhukar@terisas.ac.in			
<b>Course Type:</b> Core		<b>Course Offered In:</b> Semester 1	
<b>Course Description</b> This course aims to provide a basic understanding of the climate system: its attributes, underlying processes, and the drivers of climate change. The course explores the physical processes that control climate sub-systems, such as the atmosphere and ocean. The course will also include topics like water in the atmosphere, severe storms, global warming, and energy budget to understand better the essential concepts underlying the climate system and changes therein.			
<b>Course Objectives</b> <ul style="list-style-type: none"> <li>To understand the essential principles of climate system and get basic knowledge about the science behind the phenomenon of Climate Change.</li> </ul>			