

Course Title: Climate Change Vulnerability and Adaptation			
Course Code: NRC 135	No. of Credits: 3	L-T-P: 27-14-8	Learning Hours: 45
Pre-requisite Course Code and Title (if any):			
Department: Natural and Applied Sciences			
Course Coordinator: Dr Anand Madhukar		Course Instructor: Dr Anand Madhukar	
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Course Type: Core		Course Offered In: Semester 2	
Course Description			
<p>The course is designed to inform students about the factors influencing the vulnerability of ecological and social systems to climate change and the various adaptation options for building resilience to climate change. It introduces the students to the concepts of vulnerabilities, risk, and adaptation to climate change, as well as various tools and techniques for assessing vulnerabilities to climate change. The course will also expose the students to multiple adaptation options and how these can be incorporated into the regional developmental plan. The students, through the field study, will learn how to apply various tools and techniques for assessing vulnerabilities to climate change and to identify adaptation priorities.</p>			
Course Objectives			
<ul style="list-style-type: none"> • To introduce the students to various vulnerabilities to climate change and various adaptation possibilities. • To inform about the necessity of incorporating and considering the changing climate in various long-term planning and development activities. 			