

| | | | |
|---|--------------------------|--|---------------------------|
| Course Title: Introduction to Climate Modelling | | | |
| Course Code: NRC 122 | No. of Credits: 3 | L-T-P: 31-10-8 | Learning Hours: 45 |
| Pre-requisite Course Code and Title (if any): None | | | |
| Department: Natural and Applied Sciences | | | |
| Course Coordinator: Dr Adil Masood | | Course Instructor: Dr Adil Masood | |
| Contact Details: adil.masood@terisas.ac.in | | | |
| Course Type: Elective | | Course Offered In: Semester 2 | |
| Course Description Upon completing this course, students should be able to understand the fundamental principles of climate science depicted in the models, various types and usage of modeling activities, and the basic programming required to obtain modeling skills. The lectures will lead to a basic understanding of atmospheric processes, modeling framework under IPCC working papers, and case studies involving the usage of modeling in impact studies. | | | |
| Course Objectives <ul style="list-style-type: none"> This course aims to introduce postgraduate students to the principles of climate and earth system modeling and aspects of climate simulation. | | | |