

1.	Title of the course	Economics of Climate Change
2.	Course number	HS704L
3.	Structure of credits	3-0-0-3
4.	Offered to	PG
5.	New course/modification to	Modification To HS7202/3
6.	To be offered by	Department of Humanities and Social Sciences
7.	To take effect from	July 2022
8.	Prerequisite	Nil
9.	Course Objective(s): The objective of this course is to provide students with a strong foundation on the economics of climate change and also to enable them to understand key concepts in climate change adaptation, vulnerability and mitigation.	
10.	Course Content: Introduction to Climate Change; Brief overview of impact of climate change (sectoral, regional and global) Climate change adaptation – impact and vulnerability assessment, economics of adaptation, measurement of adaptation cost, adaptation fund; mitigation – environmental policy instruments, decisions under risk and uncertainty, stock pollutants and discounting, Nordhaus vs. Stern; Trade-off between adaptation and mitigation; vulnerability (measurement techniques) and loss and damage International cooperation and climate policy: International treaties (Rio and beyond), adaptation fund, India's position in Climate Negotiation, Inter- and intra-generational equity	
11.	Textbook(s): <ol style="list-style-type: none"> 1. Stern N, <i>The Economics of Climate Change-The Stern Review</i>, Cambridge University Press (2006). 2. Toman M A, Chakravorty U and Gupta S, <i>India and Global Climate Change: Perspectives on Economics and Policy from a Developing Country</i>, RFF Press (2003). 	
12.	Reference(s): <ol style="list-style-type: none"> 1. Nordhaus W D, <i>Managing the Global Commons: The Economics of Climate Change</i>, MIT Press, 1994. 2. Nordhaus W, <i>A Question of Balance: Weighing the Options on Global Warming Policies</i>, Yale University Press, New Haven (2008). 3. Nordhaus W D, <i>Managing the Global Commons: The Economics of Climate Change</i>, MIT Press (1994). 	