1.	Title of the course	Sustainability Science and Governance
2.	Course number	HS501L
3.	Structure of credits	3-0-0-3
4.	Offered to	PG
5.	New course/modification to	Modification To HS5021/19
6.	To be offered by	Department of Humanities and Social Sciences
7.	To take effect from	January 2022
8.	Prerequisite	Nil
9.	**Course Objective(s):** To introduce the field of sustainability science, and the theoretical underpinnings of it, demonstrating how these ideas can be applied to real-life sustainable development problems.	
10.	**Course Content:** Overview of sustainability science; Values and principles in sustainability science; Impact of human actions on nature–society interactions; Resilience theory; Governance for sustainability; Analysis of governance; Governance of cross-scale human-environment interactions; Measuring sustainability – ecological footprint; Measuring sustainability– environmental Kuznets Curve; Vulnerability analysis in sustainability science; Adaptive capacity and sustainability science; Measuring sustainability: planetary boundary; Applications via mini projects and field immersion, data collection techniques for public policy, interviewing, participant observation.	
11.	**Textbook(s):** 1. Adger W N and Jordan A, *Governing Sustainability*, 1st Edition, Cambridge University Press (2009). 2. Course pack of journal articles , *and book chapters*, from different publishers (2021).	
12.	**Reference(s):** 1. Brinkmann R and Garren S J, *The Palgrave Handbook of Sustainability: Case Studies and Practical Solutions*, 1st Edition, Springer (2018).	