

1.	Title of the course	Sustainable Urban Infrastructure
2.	Course number	HS518L
3.	Structure of credits	3-0-0-3
4.	Offered to	PG
5.	New course/modification to	Modification To HS5038/21
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): To establish interlinkages between urbanization, economic development and sustainable infrastructure. To evaluate supply and access to basic services such as clean air, clean water, land, food, energy, waste management, etc. To assess opportunities and obstacles of national, state and local governments in implementing sustainability goals.	
10.	Course Content: Urbanisation and development; Explaining existence and growth of cities; Economics of location; Infrastructure finance and public-private partnership; New cities, economic development and urban policy; Climate adaptation and financing resilience; Smart cities: business models, opportunities, and obstacles; Land use and planning.	
11.	Textbook(s): 1. Gardoni P, <i>Routledge Handbook of Sustainable and Resilient Infrastructure</i> , 1st Edition, Routledge (2020).	
12.	Reference(s): 1. Wellman K and Spiller M, <i>Urban Infrastructure: Finance and Management</i> , 1st Edition, Wiley (2012). 2. Fujita M, Krugman P and Venables A J, <i>The Spatial Economy: Cities, Regions, and International Trade</i> , 1st Edition, MIT Press (2001). 3. Ramesh G, Nagadevara V P, Naik G and Suraj A, <i>Urban Infrastructure and Governance</i> , 1st Edition, Routledge (2016).	