DISCIPLINE SPECIFIC ELECTIVE COURSE – GEOGRAPHICAL DIMENSIONS OF LAND USE PLANNING AND POLICY (DSE 11)

Course title & Code	Credits	Duration (per week)			Eligibility Criteria	Prerequisite
		Lecture	Tutorial	Practical/ Practice		
GEOGRAPHICAL DIMENSIONS OF LAND USE PLANNING AND POLICY (DSE 11)	4	3	1	0	Class 12th	NIL

Learning Objectives: The course addresses SDG 10 Reduced inequalities and SDG 11 Sustainable cities and communities.

The learning objectives of this course are as follows:

- To understand the basic geographical principles of land use planning and policy
- To explain the spatial issues and challenges of land use planning
- To discuss sustainable land use policies in different parts of the world
- To analyse the land use regulations and policy in India

Learning Outcomes:

The Learning Outcomes of this course are as follows:

- The students would be able to comprehend the concept of land use planning and need of sustainable land use policy
- The students would be able to understand the land use planning processes in different levels with their physical and socio-economic challenges
- The students would elaborate the land use policies in different parts of the world in general and land use policy of India in particular

Course Outline:

Unit 1: Introduction to Land Use Planning and Policy (15 hours)

Concept and Principles of LUP, Rationale or Need for Land Use Planning, UNCCD -Types of Land Use Planning, Land Use Planning at Different Planning Levels (National, Regional, District, Local), Steps in Land Use Planning)

Unit 2: Geographical Dimensions of Land Use Planning: Issues and Challenges (15 hours)
Land Use Planning and Sustainability: Social, Economic and Environmental Concerns, Rural and Urban Land Use Planning Challenges: Examples from Developed and Developing Countries

Unit 3: Global Land Use Policies and Strategies (15 hours)

Strategies of Urban Land Use Policy: Zoning, Urban Growth Boundaries, Smart Growth;
Strategies of Rural Land Use Policy: Agricultural Land Preservation, Rural Zoning, Watershed Management

Unit 4: Land Use Planning and Policies in India (15 hours)
National Land Use Policy: Challenges and Regulations; Urban Land Use Planning: Master Plan, Smart Growth and Smart Cities; Rural Land Use Planning: Smart Villages

Readings:

- Wehrmann, B. (2011) Land Use Planning: Concept, Tools and Applications, Division of Agriculture, Fisheries and Food, Eschborn.
- Matthaei, E. (2018) The Rurban Concept Spatial Planning Beyond Boundaries: The case of the GIZ Land Use Planning and Management Project in India, GIZ, Bonn.
- Cloko, P. (2013)ed. Rural Land Use Planning in Developed Nations, Routledge.
- Deal, B. (2008) Sustainable Land Use Planning: The Integration of Process and Technology, VDM Verlag Dr. Mueller e.k.
- Metlernicht, G. (2017) Land Use Planning: Global Land Outlook Working Paper, United Nations convention to Combat Desertification.
- Mishra, R. K. et. al. eds.(2022) Smart Cities for Sustainable Development. Springer.
- Laxmanan, V.I. et. al. eds. (2022) Smart Village: Bridging the Global Urban-Rural Divide, Springer.
- Shankar, K. and A. Kumar (2017)Perspectives on Smart City vs Smart Village, New Delhi Publishers, New Delhi.
- FAO of United Nations (1996) Guidelins for Land Use Planning, FAO Development Series1, Rome.
- Department of Land Resources (2013) National Land Utilization Policy: Framework for land use planning and management, Ministry of Rural Development, Government of India. (Draft)
- OECD (2017)The Governance of Land Use in OECD countries: Policy analysis and recommendations, OECD Puublishing, Paris.

Digital Reading Materials:
https://urban-regeneration.worldbank.org/node/39 , https://www.oecd-ilibrary.org/sites/208beaaa- en/index.html?itemId=/content/component/208beaaa-en, https://mohua.gov.in/upload/whatsnew/59a4070e85256Transit_Oriented_Developoment_Policy. pdf