



HOUSING POLICY & PLANNING

PROF. UTTAM KUMAR ROY

Department of Architecture And Planning
IIT Roorkee

TYPE OF COURSE : Rerun | Elective | PG

COURSE DURATION : 8 weeks (20 Jul' 20 - 11 Sep' 20)

EXAM DATE : 27 Sep 2020

PRE-REQUISITES : Preliminary relevant knowledge during UG courses

INTENDED AUDIENCE : PG students in Architecture, Town Planning, Management, Economics

INDUSTRIES APPLICABLE TO : Concerned ministry, development authorities, housing boards, PSUs, real estate developers

COURSE OUTLINE : Housing for All' is a primary aim of Government of India for long. It has formulated Housing for All mission with a Sub-mission focused on 'technology' to enhance the social housing delivery. Government has also been creating an enabling environment for private player through reforms in land and financial sectors to increase overall supply. As a result several state government have formulated their affordable housing policy under which framework various private and joint venture companies are delivering mass social housing.

ABOUT INSTRUCTOR :

Dr. Uttam K. Roy is an Architect and City Planner (with specialization in Housing) with more than sixteen years of academic, research and professional experience in the field of housing and urban planning and currently serving as Assistant Professor at the Department of Architecture and Planning, IIT Roorkee. He has served as HUDCO chair faculty in Kolkata and has been instrumental in planning of New Town, Kolkata and many municipal towns prior to the present responsibility.

COURSE PLAN :

Week 1: • Introduction to Housing & its basic terminologies • A chronological Context of housing policy:

National and international scenario • Housing Policy & reforms post liberalization • 'Housing for All' mission and Pradhan Mantry Awas Yojana (PMAY) • Affordable Housing policy for different states

Week 2: • Constitutional provision, housing and related laws & regulation • Concept of density, land use and development controls • Land Supply & demand management • Land reforms for housing • Land Tenure and social sustainability

Week 3: • Housing Affordability: Issues and Opportunities • Demand Side and Supply side intervention in Affordable housing • Housing Finance: Institutional and retail • Issues and opportunities in Housing finance • Financing strategy of mass social housing

Week 4: • Population projections & planning interventions • Housing in multi-level planning framework • Housing Supply and its spatial distribution • Linkage of transportation & livelihood with housing • Methodology for preparing housing strategy at city and regions

Week 5: • Types of Physical and Social Infrastructures • Physical Infrastructures: Water Supply, Sewerage, drainage & Solid Waste Management • Social infrastructures: Education, health & community facility • Landscaping, public amenities and social interactive spaces • Assessing infrastructure and amenities for new housing areas

Week 6: • Problems and issues in present technologies and materials • Industrialised Building Systems (IBS) and housing • Emerging new materials • Standardization, customization and manufacturing of building components • Innovative technology options for faster supply of quality mass housing

Week 7: • High density Group Housing • Slum improvement and informal housing • Cooperative Housing • Rental Housing • Old Age housing and Working persons hostels

Week 8: • Housing project formulation: stages and methods • Conceptualization: Planning and design phase • Project management & construction • Operation and maintenance of housing projects and areas • Doubt clearing session, Course summary and conclusion