**PROF. UTTAM KUMAR ROY**  
Department of Architecture And Planning, IIT Roorkee

**TYPE OF COURSE**  
Rerun | Core | PG

**COURSE DURATION**  
8 weeks (26 Jul’ 21 - 17 Sep’ 21)

**EXAM DATE**  
26 Sep 2021

**INTENDED AUDIENCE**  
Students, academicians and professionals working in the field of housing & real estate development.

**PREREQUISITES**  
No pre-requisite. Prior relevant knowledge is desirable.

**INDUSTRY SUPPORT**  
Ministry of Housing and Poverty Alleviation and, Department of Housing at each state government, Development Authorities and Housing boards, Joint venture companies in housing, Private developers of social housing

**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 Learning Objective  
L.O: Participants will be able to describe housing situation and policy-public intervention in India.

**Week 2:** Legal, Policy Framework and Land for Housing  
L.O: Participants will be able to explain the implications of reform, policy, institutional framework and land for housing.

**Week 3:** Affordability, Delivery Systems and Housing finance  
L.O: Participants will be able to identify key issues in housing finance, affordability and technology systems in housing delivery.

**Week 4:** Planning Framework for Housing&Infrastructure  
L.O.: Participants will be able to illustrate the planning framework for housing and assess the infrastructure requirement for housing.

**Week 5:** Planning for Social Infrastructure&Housing Strategy for Cities  
L.O: Participants will be able to assess various social infrastructures &illustrate the conceptual strategic framework for housing at city level.

**Week 6:** Planning for Major Formal Housing typologies  
L.O: Participants will be able to explain the planning principles for developing formal housing typologies like Group housing, Cooperative housing, Institutional housing, Rental housing, hostels and Service apartments

**Week 7:** Planning for Informal and Special Housing Typologies  
L.O: Participants will be able to describe various planning options for different Informal housing typologies and special housing typology (Old Age homes).

**Week 8:** Housing Development and Management  
L.O: Participants will be able to explain the process of housing development (including Disaster prone areas)& list the actions and expected roles of various stake holders for effective housing management.