

GUJARAT TECHNOLOGICAL UNIVERSITY

CIVIL (TOWN & COUNTRY PLANNING) (48)

INCLUSIVE URBAN PLANNING

SUBJECT CODE: 3714812

SEMESTER : I

Type of course: Program Elective - II

Prerequisite: Advanced understanding and skills of urban planning and diverse aspects of urbanization

Rationale:

The course aims towards developing a sensitization and skills to understand and applicability of Inclusive urban planning towards improving the sustainable development.

Teaching and Examination Scheme:

Teaching Scheme			Credits	Examination Marks				Total Marks
L	T	P		Theory Marks		Practical Marks		
				ESE(E)	PA (M)	PA (V)	PA (I)	
3	0	2	4	70	30	30	20	150

Content:

Sr. No.	Content	Total Hrs	% Weightage
1	Understanding Inclusive Planning Definition and components; urban consultations; basic principles of urban consultation, process of urban consultations; urban strategic planning, good urban governance, subsidiarity, equity, efficiency, transparency and accountability, civic engagement and citizenship, security; valuing difference and working with diversity; livable cities;	8	19
2	Stakeholders profile and needs, access to shelter, services and livelihoods Urban Poor, Informal Sector, Gender, Children, Elderly, Disabled, Displaced people, etc.; Slums - dimensions, causative factors, determinants, location characteristics of settlements; Informal sector - growth, characteristics, functions, economic contributions, linkages with formal sector, impact on Urban Development	8	19
3	Participatory Planning Process and Policies, Programmes and Legislation Methods, role of stakeholders (including civil society organizations), etc.; Related Acts, Five year plans, policies and programmes at various levels.	10	24
4	Smart Cities Innovation economy (Innovation in industries, clusters, districts of a city; Knowledge workforce: Education and employment; Creation of knowledge-intensive companies); Urban Infrastructure (Transport, Energy/ Utilities, protection of the environment and safety); Governance (Administration services to citizens, participatory and direct democracy, services to the citizen, quality of life)	08	19

5	Planning interventions Inclusive zoning, development and building regulations, Slum Improvement; drafting strategic urban development plans – objectives and key actors; planning framework for actions, process of drafting the plan, key considerations; urban design and decision-making; city transport for all; water supply and sanitation, urban disaster management, management through decentralization,	08	19
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Reference Books:

1. Jo Beall (1997); “A city for all: valuing differences and working with diversity”; Zed books limited, London (ISBN: 1-85649-477-2)
2. UN-Habitat; “Inclusive and sustainable urban planning: a guide for municipalities”; Volume 3: Urban Development Planning (2007); United Nations Human Settlements Programme (ISBN: 978- 92-1-132024-4)
3. Arup Mitra; “Insights into inclusive growth, employment and wellbeing in India”; Springer (2013), New Delhi (ISBN: 978-81-322-0655-2)
4. William J. V. Neill (2004); “Urban Planning and cultural identity”; Routledge, London (ISBN: 0- 415-19747-3)
5. John S. Pipkin, Mark E. La Gory, Judith R. Balu (Editors); “Remaking the city: Social science perspective on urban design”; State University of New York Press, Albany (ISBN: 0-87395-678-8)
6. Giffinger, Rudolf; Christian Fertner; Hans Kramar; Robert Kalasek; Nataša Pichler-Milanovic; Evert Meijers (2007). "Smart cities – Ranking of European medium-sized cities". *Smart Cities*. Vienna: Centre of Regional Science
7. "Draft Concept Note on Smart City Scheme". Government of India - Ministry of Urban Development (http://indiainsmartcities.in/downloads/CONCEPT_NOTE_-3.12.2014_REVISIED_AND_LATEST_.pdf)

Course Outcome:

After learning the course the students should be able to:
Understand the importance and practicing the concept of inclusive urban planning and will have sensitization towards implementing contributions in sustainable development.

Assignment work:

Students shall refer the books and reference materials and prepare answers to the assignment problems including the topics of syllabus. Also, prepare a “Graduate Report” of Innovative Technique and Practice and submit the same with presentation

Major Equipment:

Computers with higher configuration and internet, server. DVR system with camera and hard drive for traffic studies

List of Open Source Software/learning website:

- Google books and publications on inclusive urban planning (https://www.google.co.in/search?q=inclusive+urban+planning&btnG=Search+Books&tbo=bks&tbo=1&gws_rd=ssl)
- MoUD, GOI Website (<http://indiainsmartcities.in/site/index.aspx>)