

Making Indian cities more inclusive: need to innovative architecture and planning education for capacity building

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Informal Settlements in Indian Cities
Impulses for Innovation in Architecture and Urban Planning
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B IN U COM
uilding inclusive urban communities



Informal Settlements Indian Cities
Impulses for Innovation in Architecture and Urban Planning

MAKING INDIAN CITIES MORE INCLUSIVE: NEED TO INNOVATE ARCHITECTURE AND PLANNING EDUCATION

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योजना तथा
वास्तुकला विद्यालय
नई दिल्ली

URBAN INDIA POPULATION TRENDS



- Total Urban Population in 2011 : 377.2 million
- % Urban Population to total in 2011: 31.16%
- India needs to improve its urban infrastructure and governance to achieve economic objectives
- **“Messy and Hidden” Urbanization**
 - *(P. Ellis and M. Roberts, “Leveraging Urbanization in S. Asia” World Bank 2015)*
- **Develop Sustainable and Inclusive Development**



SDG No. 11

Sustainable Cities and Communities

- Make cities and human settlements inclusive, safe, resilient and sustainable

Technology Vision 2035

We can be certain of two things, that India will continue to be **very large**, and that it will continue to be **very diverse**.



URBAN MISSIONS

- Atal Mission for Rejuvenation and Urban Transformation (AMRUT)
- Smart Cities
- Heritage city development and augmentation Yojana (HRIDAY)
- Housing for All (Urban)
 - Swachch Bharat Mission (Clean India)
 - Accessible India Campaign

INCLUSIVE URBAN PLANNING



Housing for All Mission :

- Simplify procedure for non-agriculture areas for residential purpose
- Earmark areas for affordable housing in Master Plans
- Ensure single-window and time bound layout building permission
- Introduce system of deemed building permission for pre-approved layouts and building plans for EWS/LIG housing
- Amend rental laws and Provide additional FSI/TDR and density for slum redevelopment schemes
- **HOUSING FOR ALL AND SWACHCH BHARAT MISSION HAVE FOCUS ON INCLUSIVE PLANNING**



ARCHITECTURE AND URBAN PLANNING ISSUES

- Need for Market-Oriented Architecture Design and Development Plans
- Impact of ICT Not Fully Known
- Link with Public Health Missing
- Limited Capacity at All Levels
- Limited Understanding of how to Make Cities Inclusive



REVIEW OF EXISTING COURSES

- B. Plan and B Arch in SPA Delhi
- M. Plan (Urban) in SPA Delhi and SPA Bhopal
- B. Plan and M. Arch (Urban Design) in SPA Bhopal
- **INFORMAL SETTLEMENTS COVER ONLY 5% in ARCHITECTURE AND 10-15% PLANNING COURSES**
- Students can take electives and thesis projects on inclusive issues

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B. Plan Course SPA Delhi: 2016

- Prepare Professionals to Contribute to Society and to Provide Knowledge to Disadvantaged Groups
- Impart Knowledge towards Creating Safe and Just society (land allocation, implementation, etc.)
- Theory: Semester II: Social Science, Semester IV; Planning Theory, Semester V: Housing Settlement Society (Only 7.5 out of total 150 credits theory)
- Semester V and VI Studios Focus on Informal Settlements
- Electives and Thesis are Optional.



GLOBAL STUDIO 2012 BHOPAL

- Focus of the Studio on Imparting Inclusive Planning Education through Participatory Learnings
- Studio Included:
 - Housing Inclusive Planning for Poor
 - Inclusive City Center
 - School Plus Project
- These Activities included involvement of students with community
- Community helped to understand functional needs, affordability, applicability of solutions, etc.

CHANGING FOCUS OF THE COURSES 1



- Most Students want Skills that Give Access to Jobs
- In the Societal Context, High Paying Jobs are the Indicators of Success
- Changing course curriculum is very long and time consuming process. Will require support of AICTE, COA, UGC, ITPI, etc.

CHANGING FOCUS OF THE COURSES 2



- Rather than Changing overall Courses, Focus on Electives and Thesis Projects
- Introduce Special Studios/Projects Like Global Studio Bhopal
- Create Special Awards and Scholarships
- Online/Massive Open Online Courses (MOOCs) Optional Courses



MOOT QUESTION?

- HOW CAN WE INTRODUCE INFORMAL SECTOR ISSUES IN REGULAR STUDENT STUDIOS?
- Can we make it as important as Rural Studio, Housing, Large Span Structures, Hospitality, etc.?
- AICTE and COA may be encouraged to change Model Curriculum.