

# Transforming Communities

## Principles and Practices of Co-Creating Community Architecture

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### Overview

What is a community? How and to what extent can researchers, academics, professionals and volunteers from a variety of discipline areas engage with local communities in development projects, and what leadership demands are placed on them during such engagements with the locals? Is a trans-disciplinary collaborative model of community engagement 'transformative' and for whom?

The course expounds on the above through a studio project around issues of a marginalized community. Co-design and co-construction strategies are developed that emphasise community engagement and capacity building.

The unit begins with an overview of patterns of development, infrastructure and related issues in the 'developing' and the 'developed' countries. Design strategies and their applications are then examined through case studies and seminars focusing on marginalized populations.

A specific case study/project will allow students to examine and develop collaborative design and construction strategies that are transformative for the people involved in the process.

After completing the module, students will have:

- A multi-disciplinary perspective on issues around community development (marginalised communities)
- An increased understanding of how design responds to social and environmental issues
- Understanding of the participatory design and planning skills which involve community members in decision making.

### Objectives

The goal of this course are for participants to:

- (1) learn the principles and practices of collaborative design and construction.
- (2) Develop tools of working with marginalized communities
- (3) Develop mapping tools;
- (4) Built environment analysis tools;
- (5) Tools of measuring and recording community development

<b>Modules</b>	<p><b>Duration</b> MARCH 18-22, 2024</p> <p><b>Venue</b> IIT Kharagpur</p> <p>Number of participants for the course will be limited to <b>fifty</b></p>
<b>You should attend if...</b>	<p>- you are a graduate student interested in examining key developments in principles and practices of co-creating community architecture</p> <p>- you are a faculty member or research associate from reputed academic institutions and technical institutions interested in examining key developments in principles and practices of co-creating community architecture</p> <p>- you are a media professional interested in examining key developments in principles and practices of co-creating community architecture</p>
<b>Fees</b>	<p>Participation fees for taking the course are as follows:</p> <p>Participants from Abroad: USD 200</p> <p>Industry: INR 10,000</p> <p>Academic Institutions/Research Organizations: INR 5,000</p> <p>The above fee includes all instructional materials, computer use for tutorials and assignments, laboratory equipment usage charges, free internet facility. Participants will be provided with accommodation on payment basis.</p>

## The Faculty



**Dr. Reena Tiwari** is a Fellow of the Curtin Academy. As an architect, urban designer she has been a professional advisor to a broader academic community and industry and has successfully worked on competitive research projects for the Australian Housing and Urban Research Institute, Aus-Aid and the Australia-India Council. She has been a Visiting Professor and Scholar at University of California, Berkeley and is an adjunct Professor at the University International Catalunya in Barcelona.

She has a continuing involvement in the International Cooperation Program run by the European Union under the prestigious Erasmus Mundus umbrella. She has published extensively on space psychology and place-making; sustainable transport and urbanism; and on methods and methodologies for community engagement. Fundamental to her work on community development projects is the philosophy of democratic urbanism and a model of enquiry which is ethnographic, collaborative, and transdisciplinary, and has the goal of facilitating change and adaptation for all involved in the process. Tiwari received the Australian National Award for Teaching Excellence in 2013 for leading and inspiring a model of teaching and research which has established a point of difference in the profession, with its commitment to community engagement and philanthropy (including *Lakshnu rural development* project in India, *Slum Action* project in India, *Wedge coastal shack community* project in Western Australia, *To Walk or Not to Walk* project in New Delhi, and *Body performance in East Perth* project).



**Anjali Gera Roy** is a Professor in the Department of Humanities and Social Sciences, Indian Institute of Technology Kharagpur who works in literary, cultural, performance and media studies. She has done extensive teaching and research on the links between literature, colonialism and globalisation, and has written 10 books and more than hundred articles on the literature, dance, music and cinema of India. Her recent publications focus on space, place, performance and identity. She serves on the Editorial Advisory Board of five journals, has been awarded many prestigious fellowships and has lectured at universities in Australia, Canada, Singapore and New Zealand.



**Mainak Ghosh** is a Professor & former HoD in the Department of Architecture, and Jt. Director in School of Cultural Texts & Records, Jadavpur University, was previously working as faculty member in IIT Kharagpur. He has done extensive teaching and research on perception studies, design thinking and cognitive understanding pertaining to built environments and settlements. He has published various papers and delivered talks.



**Ankhi Banerjee** is an Assistant Professor in the Ranbir and Chitra Gupta School of Infrastructure Design and Mngt. Her research area revolves around Housing Affordability, Residential Location Choice, Sustainable Tourism and Urban Morphology. She has various publication and projects to her credit, linked to built environment and people.

## Course Coordinators

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## Registration Process

Registration for GIAN courses is not automatic because of the constraints on maximum number of participants allowed to register for a course. In order to register for one or multiple non-overlapping courses, you have to apply online using the following steps:

1. Create login and password at [www.gian.iitkgp.ac.in/GREGN/index](http://www.gian.iitkgp.ac.in/GREGN/index)
2. Login and complete the registration form.
3. Select courses.
4. Confirm your application and payment information.
5. Pay Rs 500 (non-refundable) through online payment gateway.

The course coordinators of this course will go through your application and confirm your selection as a participant before the starting date of the course. Once you are selected you will be informed and requested to pay the full fees.

Please contact the coordinators for any query.

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<http://www.gian.iitkgp.ac.in/GREGN/index>