



Anusha Kant

**ARCHITECT URBAN
DESIGNER**

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Certification Courses

- ☐ **COURSERA- UNIVERSITY of LONDON** - Understanding Research Methods
- ☐ **UNITAR** - Climate Change: From Learning to Action
- ☐ **UNITAR** - Cities & Climate Change (UNFCCC)
- ☐ **WORLD BANK** - Sustainable Urban Land Use Planning
- ☐ **HSMI – HUDCO** - Climate Change Cities : Way Forward For Adaptation, Mitigation And Resilience
- ☐ **NIDM** - National Level Training Programme : Geo-meteorological Hazards Risk Management

Curriculum Vitae

EDUCATION

2015 - 2017: - Masters in Urban Design

School Of Planning & Architecture Bhopal, SPAB

2009 - 2014: - Bachelor of Architecture

MBS School Of Planning & Architecture, New Delhi

2006 - 2009: - Diploma Architectural Assistantship

Chandigarh College Of Engineering & Technology Sector- 26

AREA OF EXPERTISE

- Climate Change & SDGs
- Urban Design
- Urban Planning & Policies
- Research & Analysis
- Urban Conservation
- Architecture Design & Drawings
- Land use Planning
- Housing

EXPERIENCE

AGA KHAN DEVELOPMENT NETWORK - Aga Khan Agency ★
Habitat – Climate Change & Integrated Habitat Assessments

Aug – Presently

Team Head By – Mrs Sucharita Roy Chattopadhyay

Project Details –The project aims to study tools, techniques and research on habitat strategies and settlements planning and resilience. Also assess critical habitats through various assessment (Household, HVRA and Ecosystem assessments) tools based on indicators to develop a settlement mapping.

Role in the project – As Technical Consultant: Consultation for Climate change & integrated habitat assessments (Ecosystem, Housing & HVRA assessments) , responsible for undertaking in depth studies into habitat-based researches and issues to provide intel on new development paradigms. Including mapping habitat/ settlement for planning and design of new strategies and interventions – Chitravad (Taluka – Gujarat). Lastly Support dissemination and awareness creation for resilience building in habitats and settlements.

(AKAHI) - Deliverables

- **Pilot Project Assessment** - Chitravad (Taluka – Gir Somnath)
- **Integrated Habitat Assessment** - Ecosystem, Housing and HVRA Assessments (Graphical Presentation)
- **Community Survey** – Based on Ecosystem, Housing and HVRA Assessments

International Sub Technical Consultant - GIZ - Climate Resilient Inclusive Smart Cities (CRISC) ★ **July 2021**

Mentoring – Mr. Azim Manji

Project Details & Role - The consultation is concerned with climate vulnerability, urban planning, and capacity building in Bangladesh. The project's pilot cities are Barisal, Khulna, Rajshahi, Satkhira, and Sirajganj.

Consultation Deliverables

Assignment - Climate Change and livability & urban planning tools and processes with the goal of building local capacity

☐ Deutsche Gesellschaft für Internationale Zusammenarbeit (GIZ)

- **Indo German** – Environment forum
- **GIZ** – Climate smart cities clustered workshop (*as Team Organizers*)
- **GIZ** – Climate smart cities Regional workshop (*as Team Organizers*)
- **GIZ** – Plan Ok Please (LUPM Team) (*as Team Organizers*)
- **GIZ_ORF** – Regional Planning in India (*as Team Organizers*)

☐ Center For Policy Research

- **CPR – SEHER INTACH** - Workshop on "Sustainable Cities through Heritage Revival (*as Team Organizers* - INTACH)
- **CPR - Smart City** – Land Use Workshop
- **CPR** - What are Countries Doing to Mitigate Climate Change? With the IPCC
- **CPR** – The Identification Revolution and Development

International Sub Technical Consultant - Technical Manual - Climate Change, Livability, and Urban Resilience



Mentoring – Mr. Azim Manji

Collaborating Agency – Government of Tamil Nadu (GoTN) & ADB

Project Details – The Tamil Nadu Urban Flagship Investment Program (TNFUIP). The overall aim of the Program and this Technical Manual is to identify policies for climate change management and adaptation, corresponding state-level legislation and regulations, modified design standards for infrastructure, and budget allocations for ULBs in Tamil Nadu..

Role in the project – The technical consultation is done to create Technical Standards and Manuals Section to support the GoTN in the achievement of its urban development objectives. The Technical Standards and Manuals deals with – Climate Change, Livability, And Urban Resilience which is part of the Tamil Nadu Urban Flagship Investment Program (TNFUIP).

Consultation Deliverables

Technical Standards – Climate Change, Livability,& Urban Resilience

AGA KHAN DEVELOPMENT NETWORK - Aga Khan Agency



Habitat – Climate Change Adaptation

Team Head By – Mrs Sucharita Roy Chattopadhyay

July – Jan 2021

Project Details – The project aims to find solutions to challenges thrown up by climate change. The study is conducted for Peri-Urban site Vasai Virar (MMR). It undertakes various measures like spatial mapping and data analysis and offsetting the same at the project site and adopting nature based solutions.

Role in the project – As Program Coordinator: Collection of relevant data and field site identification supported with GIS analysis and map preparation (Sentinel Data) & Development of tool kit for urban practitioners.

(AKAHI) - Deliverables

- **Prepare Ecosystem Maps** LULC, NDVI, NDTI, NDBI
- **Data** - Analysis and inferences & **Strategies**
- **Handbook** – Handbook for advocacy and for urban practitioners and decision makers. **Conducting Workshops/Seminars**

GIZ - Climate Smart Cities (CSC)



Oct 2019

Team Head By – Mrs Vaishali Nanda & followed by Tanja Feldmann

Collaborating Agency – MOHUA & NIUA & WRI

Project Details - To achieve climate-friendly solutions for urban infrastructure projects and area-based development have been anchored in the planning and implementation of projects under the Smart Cities Programme.

Role in the project – Technical Consultation for preparation of toolkits of Climate Smart Cities - Assessment Framework CSC-AF of 5 city indicators. Analysis of methodology of its 30 sub indicators.

GIZ- CSC Deliverables

- **Toolkits** – City Action Plan - Climate change toolkit –1st Phase
- **Toolkits** - Disaster Resilience –1st Phase
- **Case Study Inferences** - Kerala vernacular architecture
- **Capacity Building** - CSC – AF (Clusture Workshops)
- **HSMI – HUDCO** – *Short listed candidate* for training for climate change cities : way forward for adaptation, mitigation and resilience

❑ Cities & Infrastructure

- **CRISIL** - India Infrastructure Conclave - 2019
- **GREHA** – Re-imagining Delhi
- **IIHS** - Land Pooling – 2019
- **GREHA** - Enabling the safe urban Spaces - 2018
- **Confluence 2018** - Cities on the Horizon
- **IIC** – Planning urban spaces for the future - 2018
- **IUDI Delhi NCR** - Centre launches Design Challenge for the Redevelopment of Sarojini Nagar – 2018
- **GREHA** - Unauthorized Development – 2016
- **SAI - Harvard University** - Fractal Urbanization: Spatial Segregation in Liberalizing India - 2020

❑ Heritage & Urban Conservation

- **4th Smart Cities Expo India – 2018** - Heritage and sustainable development (as *Team Organizers - INTACH*)
- **AGA KHAN** - Urban Conservation and Development - 2018
- **ICOMOS** – Heritage and community participation - 2017
- **IHCNF** - HRIDAY Action Plan

GIZ - Land Use Planning and Management (LUPM) ✨ Jun 2018

*Team Head By – Mr.Georg Jahnsen & followed by Mr.Felix Knoff,
Teaming with - Dr. N. Sridharan & Dr. S. K. Kulshrestha*

Project Details - LUPM project has identified partner departments at central, state, district and local levels and the area of demonstration in the State of Odisha and Tamil Nadu.

Role in the Project – Consultation for GIS-mapping regional planning policies for Tamil Nadu and Odisha and assisting the GIZ team in the preparation of working group meetings on land use policies and planning norms by:-

- ❑ Creating schematic maps and graphics of Tamil Nadu and Odisha at state, district and local level and providing the analysis of land use over a decade of time, based on population, area, economy & topography of the states.
- ❑ Translating draft policies and schemes into maps, spatial plans and diagrams.
- ❑ Assisting GIZ team, state partners and consultants in policy framework and capacity building.

GIZ- LUPM Deliverables

- **Land Cover Mapping** – Regional layers GIS - mapping for Odisha & Tamil Nadu and policy framework.
- **Land Use Regional Policy** – Elaborating on Regional policy framework for Tamil Nadu & Odisha.
- **SPA Bhopal Jury Panel** - GIZ collaboration with School of planning and architecture, Bhopal - Jury panel for B.Plan final year Studio and M.Plan Integrated studio 1st year.
- **GIZ - LUPM (Capacity Building)** - Plan Ok Please & ORF – GIZ regional planning seminar

INTACH ✨ Seher Intach (Seher Asia) Jan – Jun 2018

Team Head By – Mr Divay Gupta, Mr KT Ravindran & followed by Olga Chepelianskaia

Project Details - Heritage based development in India, Asian cities and others cases as follows: like Singapore, Malaysia, Italy and Vietnam and area based development as per smart cities proposals of Indian States.

Role in the Project - Research on the urban interventions based on HRIDAY and SMART CITIES Mission, including state policies as well. Analyzing international heritage policies and their impacts on urban developments and which can be implemented in Indian cities.

SEHER – INTACH Deliverables & Research paper

Paper Presented in the following:-

- **WUF - 9 (World Urban Forum 2018)** – Participated in presenting how to achieve sustainability through inclusive heritage based development in Asian cities.
- **Center of Policy Research** - CPR-CSH Workshop on "Sustainable Cities through Heritage Revival

Workshop & Conferences

□ Urban Design & Transport

IIT-Delhi_TRIPP –

Understanding the complex city, urban design, transport & health of future cities - 2019

WRI - Connect Karo - 2019

TARU - Pedestrian Safety in India - 2016

EPCO - Sustainable Transportation - 2016

□ Cities & Climate Change 2019 - 2020

Asia Foundation – The human face of climate change

HSMI – HUDCO: Training Program Climate change cities

CII - Advancing Net Zero

NIDM - Climate Resilience through Understanding and Innovations -2020

ASSOCHAM - GEM International Sustainability Conclave & Expo 2020

VOLUNTEER

Green Peace - Campaigning & Research *local actions for the planet*

TEDx Countdown
Knowledge Specialist

- **4th Smart Cities India 2018 Expo** - Heritage Cities: Achieving Urban Sustainability.
- **Aga Khan Trust For Culture Education** – *Short listed candidate* for workshop on Historic Cities
- **Best Cases of Heritage Revival (Research Papers)** - Singapore , Malaysia, Vietnam & Italy

CSE - Center for Science and Environment - Sustainable Habitat

Team Head By - Anumita Roy Chowdhury & followed by Rajneesh Sareen ✨ **Aug – Nov 2017**

Project Details - The research based on a guidance framework to enable sustainable practices of planning, design, construction and operation and maintenance of infrastructure, built as a repercussion of the PMAY-HFA mission. These guidelines will help to un-lock the renewal resources & will create a pathway to affordable & livable neighborhood that eventually shape a sustainable habitat.

Role in the Project – Research conducted through dissemination via writing, fact sheets, mapping & policy advocacy under programme objectives, & Including data interpretation and its analysis.

CSE – SUSTAINABLE HABITAT Deliverables

- Affordable Housing - Research paper

PROJECTS ARCHITECT

2014 – 2015

MSDA, New Delhi ✨

Architectural Designs

In streamlining of the residential design, working drawing, Silk industrial conceptual design & overall completion of projects.

MSDA Deliverables

- Palam Vihar 2bhk & 3bhk - Residential Design, Drawings & 3D
- Malda Silk Industry – Conceptual Design
- Siberian Health International - Interiors

Renascent Consultant, New Delhi ✨

Hospitals Designs

Assisted the Architectural Design Process from Conceptual Design to working drawings specialized in hospital design.

Renascent Consultant Deliverables

- Aryavart Hospital - All working plans, sections & elevations
- SGRR Super Specialty Hospitals – All Floor plans
- Graphic Era University - Elevations

INTERNSHIPS

2016- Masters In Urban Design:

□ **HUDCO, New Delhi**

Reviewing the city layers of the second tier city of Madhya Pradesh Khargone city. Intervening with proposals for public realm ,river front development, NMT zones and designing recreational spaces of the city.

KEY PROJECTS

2017 - Masters in Urban

Design

- ☐ Urban Design Thesis - Urban Regeneration Of Heritage Precinct : Mehrauli, Delhi

2014 - Bachelor of

Architecture

- ☐ Dissertation - Building Bye Laws And Climate Change
- ☐ Thesis - Cancer Hospital 200 - Bedded - Dwarka, New Delhi

2009 - Diploma Architectural Assistantship

- ☐ Thesis - Consumer Court - Panchkula

SKILLS

- ☐ Arc GIS
- ☐ Research & Analysis
- ☐ Auto Cadd
- ☐ Sketch Up
- ☐ Photoshop
- ☐ Policy & Knowledge
- ☐ Monitoring an Evaluation
- ☐ Microsoft Office
- ☐ Photography
- ☐ Kathak Dancer

AWARDS

- ☐ Design Competition
Analysis of the Land Suitability
- ☐ Debate Competition
Social Equity
- ☐ Archumen Quiz - NASA
Architecture Knowledge
- ☐ History of Architecture
Subject Topper
- ☐ Trophies for Theatre Play

2013-14 - Bachelor Of Architecture

- ☐ Design Team Consultant, New Delhi

Design & details From Presentations for Clients to Working Drawings & 3D, dealing with residential & interior projects .

2008 - Diploma Architectural Assistantship

- ☐ Gurbachchan Singh Associates, New Delhi
Schematic design , Site layout. Plans Drafting & elevations of school & Residences.

STUDIOS & OTHER PROJECTS

Semester	City	Project/ Proposals
MAUD - 1st SEM	Indore	<u>River In The City</u> Project - City slum & River Front
MAUD - 2nd SEM	Madurai	<u>Temple City</u> Project - Temple Core with open & Recreational Spaces
MAUD - 3rd SEM	Dehradun	<u>Transformation in the city</u> Project - Intervention on the prime Area Reviving the city level green spaces with inducing activities

GIS PROJECT

- ☐ GIS - Women Safety Workshop

At precinct level, survey conducted in TT - Nagar, Bhopal, prepared Report & analysis the rate of safety of women in the area.

CLIMATE PROJECTS

- ☐ Site & Urban Systems

Analysis of Micro Climatic conditions, Vegetation types & its impact in TT-Nagar Bhopal MP.

- ☐ Design Innovation Centre By MHRD

Climatic Responsive Energy Efficient Techniques for Affordable Mass Housing

LANDUSE PROJECT

- ☐ Symbiosis Design Competition

Analysis of the Land Suitability through various inclusive approaches related to Architecture and Planning.

TRANSPORT PROJECT

- ☐ Transportation Project

Survey conducted on laalghati junction Bhopal ,with PCU & also providing the proposals for the junction.

WATER MANAGEMENT

- ☐ Sustainable Development

Storm water management through green infrastructure and its techniques study through various case study.

RESEARCH PAPERS

- ☐ Lost Spaces In City - Derelict Mills - Mumbai
- ☐ Gentrification - Studentification - Munirka New Delhi
- ☐ Urban Design Techniques, Implementation - Hauz Khas Village , New Delhi & study of Urban Dimensions