

about

I am a registered architect (CA/ 2018/95611) from New Delhi, India. I am environmentally conscious, socially sensitive and have a keen interest in sustainable urbanism. I am an innovator by passion and experience. I work well with teams and am a quick learner. My academic interests are fueled by my love for nature & belief in simple, mindful living.

languages

- English (TOEFL: 112/120)
- Hindi (native)
- German (basic)

academic projects

Climate Change Mitigation
[individual term paper]
Fall 2019

Advanced Material Flow
Analysis [group project]
Spring 2020

Solid Waste Management
[group project]
Spring 2020

Startup Driven Innovation for
Social Good [group project]
Spring 2020

education

M.Sc. in Circular Economy (2019-21)
2019-20: NTNU, Trondheim
2020-21: University of Graz

Global Environment Management (2018)
DTU Online course

Bachelor of Architecture (2011-2016)
First Class Degree, School of Planning
and Architecture, Delhi

awards

Climathon Global Awards (2020)
Global top 10 solutions. For 'Co-using' a Positive Energy District.

Climathon Trondheim (2019)
First runners up for our solution called Co-using, a Positive Energy District.

ReDu Ideathon (2019)
First runners up. An ideathon by the Trondheim municipality's solid waste management company ReDu for ideas on promoting circular economy.

Erasmus Mundus CIRCLE
Full scholarship to study circular economy at NTNU Trondheim and University of Graz.

Kohler Scholarship (2015)
Top 5 students of Architecture

India's Housing Deficit - Climate Change Impacts and Mitigation Potential
A paper on the climate change impact of meeting India's current housing deficit, challenges & mitigation strategies from a systemic perspective.

Modelling Energy Scenarios for the Dwelling Stock of the Netherlands
A two person group where we collected housing data and energy policies on the Netherlands and coded on Python the existing scenario. We use this to make forecasting and backcasting scenarios and projections in energy use.

Building the Future from Construction & Demolition Waste
A study drawing on the C&D waste management in India, Canada and Norway. We studied challenges and came up with solution based on learnings.

Concrete Communications - Startup + App design
An app for real-time reporting and resource management for construction companies.

skills & software

- Life Cycle Analysis
- Material Flow Analysis
- Coding (Python & Matlab)
- Architectural design
- Urban Design
- Construction drawings
- 3D modelling
- Presentation & Graphics
- Research & Analysis
- Non/academic Writing

work experience

January 2020 - June 2020	Zero Emissions Neighbourhood Lab, NTNU [Research Assistant] Supervisor: Prof. Helge Brattebø (helge.brattebo@ntnu.no) Research topic: The role of ecovillages in reaching ZEN goals
January 2019 - August 2019	Project Architect [Freelance] - Recording studios for the Global Music Institute, Noida - YourSpace Hostel for Women
August 2018 - October 2018	Space Matters, Delhi [Project Consultant] Jabalpur Smart City
April 2017 - July 2018	Anagram Architects, Delhi [Architect] 2 Urban scale projects (1 completed, 1 ongoing), 4 competitions (1 won, 1 top 4, 1 top 10), 2 Architecture and Interiors projects (1 completed, 1 ongoing), & Publication work for the firm.
November 2016 - March 2017	Section CC' Architects [Architect] Documentation and Adaptive Reuse of the Scindia School, Gwalior Fort.
June - November 2016	Design Business Collaborative [Design & Project Consultant] Experience Center Amritsar, National War Memorial & Museum Competition
April - August 2015	Arch2o.com, online magazine [Intern Writer] (35 published articles) https://www.arch2o.com/author/shamita_chaudhry/
January - May 2015	Anthill Design, Ahmedabad [Architectural Intern] Interior design drawings, sustainable house construction

publications

Tekton vol. 4 issue-1, p. 8-26	Chaudhary S, Goel T, Mohta N, Sehgal K, 'Coping strategies influencing user-centric spatial design for crowded environments: The case of public transport in Delhi', March 2017
Co-editor	Bhargava N, Chaudhary S, Mohta N, 'F5 Urbanity: Seminars on Architecture 2015', Jan 2016
Bachelor Thesis	Chaudhary S, 'Center for Community Empowerment in Mehrauli', May 2016

volunteer work

Global Ecovillage Network (current)
Research: Schools in eco-villages

Healing Himalayas Foundation
(2018-19) Fighting plastic pollution in the Himalayas

Urban Thinkers Campus - 'The City We Need' (2015) Nat. Institute of Urban Affairs(NIUA) & UN-Habitat

activism

Barter Bazaar (2019) [organiser]
Organised an event to spread promote the circular economy and spread awareness about conscious consumerism

Urban Planning & 'Redevelopment' - Political Economy of Tree Felling (2018)
[volunteer architect]
Opposing felling of 16,000 trees for housing developments in Delhi.

references

Prof. Helge Brattebø
(helge.brattebo@ntnu.no)

Ar. Khyati Kohli
(khyati.kohli@anagramarchitects.com)