

MANAVI DIXIT /

Architect | Designer

Cambridge, Massachusetts.

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Education.

Sept 2022 - Present.

M.Arch.

Massachusetts Institute of Technology, Cambridge, MA.
Awarded Department of Architecture Fellowship.

Aug 2016 - Aug 2021

B.Arch.

Sushant School of Art and Architecture, Gurgaon, Haryana, India.
7.679 CGPA.

July 2002 - May 2016

ICSE and ISC.

The Shri Ram School, Moulisari Avenue, New Delhi, India.
Awarded all India ISC Mechanical Drawing Topper (with 100%)

Professional Experience.

Feb 2025- Present

Research Assistant/ Power Alliances

Assiting Rocio Crosetto Brizzio

- Exhibition at The Venice Biennale 2025.

Sept. 2024-Present

Teaching/ Research Assistant

ACT 4.s30 | MIT School of Architecture and Planning.

- Art, Culture and Technology — From Art at the Nanoscale to Large Generative Models and Simulations
- Foundations in Art, Design and Spital Practices.

Jue 2024- August 2024

Architectural and Research Intern

Mattaforma | New York, NY.

- Permit Drawings for an adaptive reuse of a cottage on a bio-dynamic farm
- Research on constructing rammed earth walls and intergrating existing steel trusses on a site

Feb 2024- May 2024

Design Out Waste Researcher.

MIT office of Sustainability | MIT.

- Working to develop new and existing institute materials management strategies to design out waste at MIT.
- Construction and Demilotion waste research.

May 2023- Aug 2023

Architectural Intern

Ruhl Jahnes Architects | Watertown, MA.

- Design and produced drawings for ongoing projects, fully done on REVIT.
- Managed the design of a Residential Project in Hawaii.

Jan 2021- July 2022

Architectural and Material Assistant. | Architectural Intern

r+d labs // r+d studio | Gurgaon.

- Public Toilet/ Infrastructure at Amritsar Airport constructed out of Silica Plastic Block.
- Experimenting the physical and adaptive dynamics of the material with the context.
- Designing and Execution of an Institutional project.
- Took part in multiple international compeititons for the studio like, London Bienale Festival and No waste Challenge.

Feb 2021 - April 2021

Architectural and Research Assistant.

Gurgaon Design Collective | Gurgaon.

- An inter-disciplinary collaborative Initiative for new urban solutions and interventions for the city of Gurgaon

June 2019 - July 2019

Architectural Intern.

A.A Design Consultants | New Delhi.

- Initial deigns for a hospital library block, desgined fully out of panels for easy construction and dismantling.

Skillset.

AutoCad | Grasshopper | Sketchup | ArchiCad | Adobe Suite | V-Ray | Enscape | Adobe XD | Revit | Rhino | Lumion | Climate Studio

Academic/ Extra-Curricular Experience.

Present	MIT DesignX 2025 Cohort CROP-ED: Utilizing harvested crop stubble for construction as an alternative from crop burning.
Fall 2024	Harvard GSD Circuits, Circles, Loops: Towards Regenerative Architecture Prototyping with Wool Earth Composite, for different farm typologies
Fall 2024- Present	NOMAS Executive Board & Lecture Series Coordinator Massachusetts Institute of Technology.
Winter 2023	In Tension : The computational design, engineering, and fabrication of large scale sculptural rope networks. Instructed by : Caitlin Mueller, Janet Echelman & David Feldman Massachusetts Institute of Technology, School of Architecture and Planning.
	Bacteria Bio-Cement. Prototyping with bacteria and sand aggregates in the bio-makers space. (Wet-Lab) Instructed by : Laura Maria Gonzalez. Massachusetts Institute of Technology, School of Architecture and Planning.
Fall 2022	Applicant Mentorship Program. Massachusetts Institute of Technology, School of Architecture and Planning
Summer 2018	Trophy Head, ANDC Competition, Liminal Spaces. NASA, India.
Fall 2016-Spring 2021	Class Representative. Five years consecutively.

Achievements / Publications.

Spring 2022	Architecture Thesis Workshop, Guest Lecturer. Amity School of Architecture and Planning.
Summer 2022	Recyclable Public Toilets Collaboration with r+d studio. Headed the project (Designboom) Samya Awas (Low-Cost Housing) Collaboration with r+d studio. Material Research & Junior Architect (Archdaily, Archinert) Synergy, Face to Face with the Eco-system. Into the Wild, December edition, Non-Architecture. Architecture Urbanism The Trash_Can, A Waste Recycling and Recovery Facility. Shortlisted for Council Of Architecture, India Best Thesis and Student Award Awarded Merit Scholarship for Undergraduate Thesis.
Fall 2021	The Silica Plastic Block Collaboration with r+d studio. Featured in "Plastic: Re-making our World" Exhibition at Vitra Museum, Switzerland, V&A Museum, London and Maas Lisbon. Nominated for "No Waste Challenge, 2021" Showcased at Indian Pavillion at London Beinnale Festival. Archdaily.
Fall 2019	Exploring the potential Sustainable principles of Vernacular Architecture in Large scale Construction. Dissertation in Architecture. Sushant School of Art and Architecture.
	The Coffee Mug. Sensible Habitats, Life cycle of a Ceramic Coffee Mug. Sushant School of Art and Architecture.
Summer 2017	The Bamboo Pavillion. NASA Competition Entry All India Top 25.