DHWANI MEHTA

Contact- dhwani_m@mit.edu; +1(857)313-1736 | **Affiliation-** Registered architect with the Council of Architecture, India (CA2020/121950)

interests

Climate Adaptation and Mitigation Design, Coastal Resiliency, Public Space Design, Coastal Development, Water Infrastructure Projects, Urban design and Planning, Community Participation.

skills

Softwares- Autocad, Rhino, Sketchup, Revit (Beginner), QGIS (beginner)

Render- V-Ray, Lumion

Graphics- Adobe suite

Presentation- Microsoft Office

Manual- Hand drawing, Laser cutting, Basic carpentry

Interests- Drawing, Travel, Photography, Public Speaking, Writing

Other- Critical thinking and analysis; Community engagement and collaboration government agencies, vendors, and clients; Organizing and curating exhibitions; documentation; Primary level teaching experience; Site coordination; Project management;

competitions

The Central University of Gujarat, Vadodara (CUG); Master Planning, Educational Institutions, and Student Housing by the Central University of Gujarat.

Ambedkar Memorial Park, Vijayawada by the State Government of Andhra Pradesh.

GSIDC Administrative building, Goa, by the Goa State Infrastructure Development Corporation.

Archasm's International Competition titled 'School without Classrooms'. (Top 10 Honorable mentions).

INTACH Heritage Awards for Excellence in Documentation.(Award for Merit; First Prize)

education

Massachusetts Institute of Technology, SA+P   *Aug 2022- Expected May 2024*

Master of Science in Architecture Studies and Urbanism (SMArchS), '24

- Awarded the merit-based Department Graduate Fellowship | GPA 5.00
- Relevant coursework- Urban design, History and Theory of Contemporary Urbanism, Global Climate Policy, Climate Action Planning, Project Delivery and Management, Entrepreneurship Development, Sustainable Real Estate.

Kamla Raheja Vidyanidhi Institute of Architecture and   *Aug 2014- Mar 2019*
Environmental Studies (KRVIA)

Bachelor of Architecture '19, | Distinction

- Relevant coursework- Architecture Design, Construction, Building Services, Humanities, Urban Studies
- Top 3 in Overall academics (2018-2019) and Technology and Construction (2017-2018)

Shanghai Jiao Tong University   *October, 2016*

Cross-cultural exchange program between KRVIA, Mumbai and Jiao Tong University, Shanghai, '16

- Coursework- Urban Studies and Research and Community Participation Methods

professional experience

Mobile Offices (Mo-of), Project Architect   *Nov 2019- Apr 2022*

- Designed 1 master planning project for holiday homes with a focus on sustainability and farm-to-table living.
- Exceuted 3 institutional projects- a 300-bed super speciality hospital, a Kindergarten school for 1000 students, and a student hoste, a residential design project ,and 2 interior design projects as a Project Architect.
- Corresponded with 3 state governments and developed proposals for 2 government tenders, 3 empanelments, and 3 competitions proposals.

Freelance, Designer
                                                                                May 2020- Aug 2022

- Created the store concept and Implemeted the construction and sourcing of the jewellery brand, Estaa Gems.
- Planned and designed three residences and a dispensary.

Enviarch Studio, Architecture Intern   *Nov 2017- Apr 2018*

- Conceptualized and created design drawings for 2 residences.
- Drafted working and services drawings for site implementation for 3 super speciality hospital projects in India.
- Managed site work of an interior design project for a residence.

academic publications

1. West Heaven 'SAME-SAME Mumbai-Shanghai Urban Studies Workshop' Compilation of the exchange program to Shanghai, Jiaotong University, 2016.

2. Landscape Design Project Compilation Compilation of project, 2017.

3. Third Year Works (2016-2017). Compilation of third-year architecture design projects, 2017.

4. Bridge studio, by Neelkanth Chhaya Compilation of the studio process, lectures, and design projects of the studio, 2019.

select awards

Awarded the merit-based Department Graduate Fellowship for two years (2022-2024)

The First Prize (Gold reward) for thesis at the Future Exhibition 2020, organized by the Yangcheng Design Alliance and the Guangdong University.

KC Mahindra Scholarship, KC Mahindra Education Trust. 2022

Top 10 Honorable mentions for Archasm's International Ideas Competition titled 'School without Classrooms'. 2017

Citation Award (Top 10) for B.Arch thesis at the KRVIA Design Dissertation Colloquium. 2019

Award for Merit (First Prize, Central Zone) in INTACH Awards for Excellence in Documentation for the 'Lucknow Portfolio'. 2016

Rank 3 in Overall Academics, in the academic year 2018-2019 and Rank 3 in Construction Technology and Structures, in the academic year 2017-2018.

teaching experience

MIT Teaching and Learning Lab   *April 2023- Expected May 2024*
Teaching Development Certificate
Completing four development tracks: Lesson Planning, Inclusive Teaching, Subject Design, and Microteaching track.

Massachusetts Institute of Technology   *Jan 2023- May 2023*
Introduction to Photography and Related Media, Teaching Assistant
Conducted recitations of the course material, evaluated student assignments, organized field visits and guest lectures, and documented student work.

Massachusetts Institute of Technology   *Aug 2022- Feb 2023*
Architecture Mentorship Program, Mentor
Advised and coached students applying for graduate programs by reviewing their work. Enabled their access to various training resourses for their support.

KRVIA, University of Mumbai   *June 2019- Nov 2019*
Architecture Design Studio, Teaching Assistant
Formulated design exercises, guided students on their design projects, facilitated creative explorations through helping students with references, developed an archive of the studio process and student work.

relevant experience

International Exchange Program   *2016*
West Heaven 'SAME-SAME Mumbai-Shanghai Urban Studies Workshop'
(Cross-cultural exchange program with Jiao Tong University, Shanghai).

Professional Development Program- Certificate   *2021*
Understanding Informality: Mapping Resilience | Strategising Resilience
Jointly held by, Society For The Promotion of Area Resource Centers (SPARC) and BReUCom project (Building Resilient Urban Communities).

MIT Climate & Sustainability Consortium (MCSC)   *2022*
Student Council 2022-2023 | To bring the student voice and offer feedback to the leadership.

MIT Architecture Department Communications Team   *2022-2023*
Developed strategies for social media outreach for promoting student work and department programs.

KRVIA Archival Committee Head   *2018*
Headed the exhibition core committee for the KRMLS Archival and Exhibition of Alumni works.

KRVIA Newsletter Committee   *2017*
Compiled student work for architecture and landscape design projects

research experience

MIT Office of Sustainability   *Jan 2023- present day*
Research Assistant- Climate Action Plan
- Accelerating processes for and raising awareness and participation about collective reuse at SA+P and the Metropolitan Warehouse.
- Leveraging and building out engagement with Rheaply, an Asset Exchange Manager for reuse across MIT.