

ISHANI DESHPANDAY

ird2021@nyu.edu | +1-408-802-2374 | [Linkedln](#)

EDUCATION

New York University

Masters of Science, Civil Engineering

Academic Courses : - Construction Modelling Technique, Construction Scheduling, Environmental Impact Assessment

New York

Aug 2022 - May 2024

RMD Sinhgad School of Engineering

Bachelor's of Engineering, Civil Engineering, (GPA- 3.15/ 04)

Relevant Academic Courses : - Mechanics, Strength of Material, Soil Mechanics, Structural Analysis, Structural Design, Environmental Engineering, Urban & Transportation Engineering

Pune, India

Aug 2017 - May 2021

TECHNICAL SKILLS

- Software Skills - Autodesk AutoCAD, Autodesk Revit, Adobe Photoshop CS6, Advanced Excel, MS Word, MS PowerPoint, Google Suit, Google Workspace, Primavera (elementary)
 - Soft Skills - Research, Report writing, Content Writing & Editing, Effective communication, Team management
-

PROFESSIONAL EXPERIENCE

Shindhikumte & Associates

Assistant Engineer

- Assisted senior engineers on AutoCAD drawings for residential housing projects
- Worked profoundly on excel documentation & google suite for construction data entries
- Developed and maintained clients relations by making weekly project presentations
- Contributed in thesis based research related to sustainable green building housing techniques with fellow engineers

Pune, India

Oct 2020 - Jun 2021

R D Deshpanday Developers PVT LTD

Trainee Engineer

- Read and interpreted technical drawings, schematics and computer generated reports
 - Accompanied senior project managers on job sites for inspection and observations of the ongoing projects
 - Addressed client inquiries and worked as a marketing intern
-

Pune, India

May 2019 - Dec 2019

RESEARCH PROJECTS & PUBLICATIONS

Sewage Treatment of Self Sustainable E- Toilets Using Bio-Digester Method

Jan 2022 - June 2022

- Worked as a research assistant to the project head
- Introduced new branches to the project work and further generated thesis report regarding those topic
- Topics which I introduced for this thesis included pro & cons between E-toilets and conventional toilets using the bio-digester method
- Prepared real time case studies regarding usage of E-toilets at various location in Pune India. This preparation of case study required site visits and site report generation which I completed explicitly
- Project URL: - [Link](#)

Sustainable Green Building

June 2021 - July 2021

- Team lead and key note author for this project research and publication
 - Executed the idea of implementing green building technologies in existential Indian households. The idea revolved around systems like piezoelectric flooring, rainwater harvesting, greywater recycling, and building integrated photovoltaic panels(/solar)
 - Drafted a building structure and developed its 3D model where-in I tried installing these systems and materials conceptually
 - Concluded the project based on the credits earned by each system in comparison to the Indian green building council rating methods.
 - Project URL: - [Link](#)
-

LICENCES & CERTIFICATIONS

- Autodesk AutoCAD, Autodesk Revit, Adobe Photoshop CS6, Advanced Excel, MS word, Primavera (elementary)
-

ACADEMIC ACHIEVMENTS

- Scored 875/1000 in Autodesk certified user exam for AutoCAD
 - Nominated for positions like committee Treasurer and Vice President at the Civil Engineering's Students Association Committee (CESA).
 - Team lead and recruiting committee member for institutional and departmental events.
-

VOLUNTEER WORK

- Robin Hood Army - Food donation drives
- Jazz Hands Foundations - Teaching assistant and volunteer for educational institution for 3 months.