

Mahir Chirag Patel

+1 (404) 543 1139

✉ mahirpatel@gmail.com

✉ mpatel675@gatech.edu

Portfolio: <https://portfolio.cept.ac.in/student/mahir-ug180325>

Linked In : <https://www.linkedin.com/in/mahir-patel-48b73a22a/>

EDUCATION

- **Georgia Institute of Technology**
 - wfwqef
- **CEPT University**
 - Bachelor of Construction Technology (BCT) – GPA 3.6 / 5.0

AWARDS

- Award for Academic Excellence Academic Year (AY) 2021-22
- Best Performance in Designing Spaces in Steel Studio Honour AY 2021-22
- Award for Highest Score in in Material Stream Award AY 2018-19
- Cantilevered Structure Model - as CEPT's representation
- exhibited at the prestigious Vibrant Gujarat Global Summit January 2022
- President's Scholarship / Merit based Scholarship AY 2018-2023
- 1st Rank, in all-India entrance exam for BCT July 2018

WORK EXPERIENCE / INTERNSHIPS

- Howe Engineering Projects India Pvt. Ltd. (Adani Group Co.) Jul 2022 to Nov 2022
 - Internship in Structural Calculations, Quantity Estimation and Procurement
- Multi-Media Consultants Pvt. Ltd. May 2021 to Jun 2021
 - Training in department of Road Over Bridge Design
- Gray Parikh Associates Jun 2019 to Jul 2019
 - Site Training with Concrete Exploration
- Mantram Developers Jan 2019 to Apr 2019
 - Site Training in a community of G+2 Buildings
- Shree Natwar Pushti Sadan (A temple building) Jun 2022- Onwards
 - On the Team for Structural Integrity, Façade Design and Plumbing
- Freelance Project –Restoration of a colonial villa Ongoing since Jul 2021
 - Restoration of a century old villa with service design
- Freelance Project – Balinese style Weekend Home Sep 2021 to May 2022
 - Site Supervision and Service Design

RESEARCH / PUBLICATIONS

- Detailed Research Project on Development of Air Quality Health Index – AQHI
 - Under guidance of Dr. Dipsha Shah, Faculty of Technology, CEPT University May 2023
- Alternative Water Supply System (a model for 24 hour water supply) for Sachin City, Surat
 - Published in International Journal of Scientific Research and Reviews IJSRR 2023, 12(1), 32-43
- Barriers towards Green India: A Holistic Approach (Co-authored with Dr. Rajeshwari Jain)
 - Published in Empirical Economic Letters (ABDC Journal 21 Special Issue 2: July 2022, page no 237-247, ISSN 1681 8997)
- A systematic Study on Domino Effect of creating Green India: An Awareness and Perception Study of Indians towards Green Buildings (Co-authored with Dr. Rajeshwari Jain and Dr. Manan Shah)
 - Submitted and Pending approval
- Assisted Dr. Dipsha Shah (faculty at CEPT) on research of various pollutants affecting air quality
 - Prepared a dashboard that calculated and displayed the National Air Quality Index (NAQI), 2021

CO-CURRICULARS

- Program Ambassador for Bachelor's of Construction Technology since 2022
- Teaching Assistant for Classes and Workshops 2022
- Part of Faculty of Technology's Newsletter Committee
- Batch Co-ordinator for FT Research Papers Committee since 2020

SOFTWARE EXPERTISE

- STAAD PRO, AutoCAD, Sketch-Up (with add-ons like V-Ray, Twilight, Animator)
- Adobe InDesign, Adobe Photoshop, Inscap (similar to Adobe Illustrator),
- MS Office
- Statistical Package for Social Science -SPSS
- Python and C++