

KINCHIT KHANDELWAL



CONSTRUCTION ENGINEER

DETAILS

-  18 October, 2000
-  +91 950355683
-  khandelwalkinchit00@gmail.com
-  Vadodara, Gujarat
-  Hindi | English | Gujarati
-  [Portfolio \(link\)](#)

EDUCATION

Bechelor of Construction Technology
CEPT University

2019 - 2024

High School
Tejas Vidhyalaya

2017 - 2019

Primary School
D R Amin Memorial School

2003 - 2017

SOFTWARE SKILLS

Ms Office

Project | Word | Power point | Excel

Structural

Staad pro

Drafting

Autocad

3-d Modelling

Revit | Rhino | Grasshopper | Sketch-up | Blender

Editing

Photoshop | Illustrator | In design

Visualisation

Lumion | Enscape | Vray

INTERESTS

Management | Economics | Problem Solving |
Parametric Design | Visualization |
Generative Art | Sports | Music

PROFILE

I am a skilled construction engineer with a focus on optimizing resources and providing sustainable solutions to improve safety, functionality, and aesthetics. I have extensive knowledge of various construction practices which helps to excel in team building, leadership, and quality control management to ensure high-quality outcomes.

WORK EXPERIENCE

Studio West 06

June 2021 – Current

Modeled and fabricated various parametric elements and furniture. Generating BOQs for the elements drafted and executing it on site.

Align Design Lab

June 2022 – February 2023

Drafting construction drawings of a hostel block which helped in generating BOQs. Modeling parametric bridge for a 3-D printed model.

CURRICULUM

CONSTRUCTION ENGINEERING FOR MASS HOUSING PROJECTS - [\(Link\)](#)

Tutors: Devanshu Pandit | Abhi Jhaveri

January 2023 – May 2023

The course addressed all aspects of project planning, technology selection, asset management, quantity take-off, and scheduling for mass housing projects.

MEPF: SERVICES, DESIGN AND COORDINATION- [\(Link\)](#)

Tutors: Shamik Desai | Maulik Poriya

August 2022 – December 2022

The course involved designing and calculating building services with BIM and developing a comprehensive Revit model that integrates structural, architectural, and all other services.

FORM AND STRUCTURE : STEEL - [\(Link\)](#)

Tutors: Dhara Shah | Vasav Bhatt

January 2022 – May 2022

The studio focused on developing the form and structure of a steel space frame roofing system, utilizing climate-sensitive analysis and structural optimization, and constructing a full-scale steel space frame structure for the 2022 CEPT exhibit.

DESIGNING SPACES IN REINFORCED CONCRETE - [\(Link\)](#)

Tutors: Rachit Sheth | Kruti Shah

August 2021 – December 2021

This course taught analysis of RCC truss and frame's structural design, which was applied in designing a gallery with a continuous ramp supported by an RCC truss for the final project.

STRUCTURAL EXPRESSIONS IN MASONRY 2.0 - [\(Link\)](#)

Tutors: Muntaha Rushnaiwala | Mragendra Chaturvedi January 2021 – May 2021

This studio provided an opportunity to learn from experts in masonry and focus on designing a pavilion using advanced knowledge of structural masonry.

DEPLOYABLE STRUCTURES: CONCEPTS AND EXPLORATIONS - [\(Link\)](#)

Tutors: Japan Shah | Anand Viswanathan

August 2020 – December 2020

This course emphasized the architectural and structural design of deployable structures utilizing mechanisms, origami, automation, and studying foldability of naturally inspired forms.

EXHIBITIONS

CEPT Winter Exhibition, 2022

Education Building, Building Services - [\(Link\)](#)

CEPT Summer Exhibition, 2022

VI Pinion, Space frame roofing structure - [\(Link\)](#)

CEPT Winter Exhibition, 2021

The Swirl, RCC truss structure - [\(Link\)](#)

CEPT Summer Exhibition, 2021

Chiaroscuro Arcade, Masonry Structure- [\(Link\)](#)

CEPT Winter Exhibition, 2020

The Flex Trilogy, Deployable Systems - [\(Link\)](#)

SCHOLASTICS

Design Registration:

Space Frame Joinery

Design Registration:

Deployable Structure

Cept Excellence Award:

Form and Structures-Steel

Competetion Entry:

Notions of India

VOLUNTEER WORK

Head:

Graphic Design Team FT 2021-2022

Designed and Installed Lamp:

Faculty of Technology

Designed Logo:

E-Day 2022

Designed Posters:

Ahmedabad Thrill Adict Marathon 2022

Designed Wall Painting 24 x 12 ft:

Green Building: E-Day 2021

RELATED STUDY PROGRAMME

ADANI SHANTIGRAM, POWER HOUSE

PSP, Contractor

February, 2023

PSP, PRECAST PLANT

PSP, Contractor

February, 2023

ADANI SHANTIGRAM, AMOGHA

PSP, Contractor

February, 2023

AHMEDABAD METRO, PRECAST YARD

Afcon Infrastructure, Contractor

June, 2022

STREET MAPPING, VARANASI GHATS

CFP, RSP

December, 2019

REFERENCE

YASH KHANDEWAL

Principal Architect, Studio West 06

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MALABAR, COUNTY

Urbanac, Contractor

February, 2023

MADHAV, OEUVRE III

HI-Tech, Contractor

February, 2023

IIM STAFF QUATERS

PSP, Contractor

June, 2022

AHMEDABAD UNIVERSITY

Building Services

November, 2022

INDRAPRASTH, GULMOHAR

Building Services

November, 2022

ARPI MAHESHWARI

Principal Architect, Align DL

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