

CHIRAG GUDHKA

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Keen to learn Structural Design and Analyses for High-Rise building and Earthquake Resistant structures with a good base in technical skill in Civil Engineering along with intermediate proficiency in software skills.

EXPERIENCE

JUNE – JULY 2019

INTERN, CITY AND INDUSTRIAL DEVELOPMENT COORPORATION (CIDCO)

Internship under Project Planning Department, CIDCO, Navi Mumbai.

- Planning of drainage and stormwater drainage system of different city nodes.
- Site Visit to New Airport Site, Navi Mumbai.

JULY 2019 – MAY 2020

CO-CONVENOR, ASSOCIATION OF CIVIL ENGINEERING STUDENT (ACES)

- Manage and make members collaborate together and do task in efficient way.
- Follow up the task assigned and conduct meeting about the events and programs.

EDUCATION

AUGUST 2017 – JUNE 2021

B.E. CIVIL ENGINEERING, DATTA MEGHE COLLEGE OF ENGINEERING, AIROLI

- CGPA: 9.42/10
- Co-Convenor in ACES Committee in Third Year
- Group Leader for Final Year Major Project and Survey Camp
- Subjects: Quantity Survey Estimation & Valuation, Construction Management, Project Management

JUNE 2015 – APRIL 2017

HIGHER SECONDARY, K J SOMAIYA COLLEGE OF SCIENCE AND COMMERCE

- Percentage: 78.9%
- Elective Subject - Electronics

SKILLS

Analyze Design Plan
Leadership Quality

Design Model in Software
Problem Solving

SOFTWARE

- AutoCAD
- ETABS
- STAAD Pro

- MS Project
- MS Excel
- MS Word

PROJECTS

❖ **Major Project: Seismic Performance Assessment of High-Rise Building:**

- Study of Seismic Force Effect on High-Rise Building during earthquake.
- Manual verification of ETABS Software using KANIS Method.
- Published in International Research Journal of Engineering and Technology (**IRJET**) e-ISSN - 2395-0056.

❖ **Mini Project: Mumbai Flood- Case Study on Floods in Reclaimed City:**

- Case Study on Floods in Mumbai city, why they occur and how it can be prevented in future.
- Various factor which affected and the city drainage and stormwater drainage system.
- Published in International Journal of Creative Research Thoughts (**IJCRT**).

❖ **Mini Project: Mass Moment Prevention:**

- In this project, we show a model illustrating four types of prevention methods being used for mass movement (landslides): Rock Bolting, Netting the slope, Terrace and Step Terrain, and Retaining Wall Construction.

CERTIFICATES

- Renewable Energy and Green Building Entrepreneurship, **Coursera**
- Introduction to GIS Mapping, **Coursera**
- Introduction to Engineering Mechanics, **Coursera**
- Mastering Bitumen for Better Roads and Innovative Applications, **Coursera**

ACTIVITIES

- Group Leader in Final Year Major Project- “Seismic Performance Assessment of High-Rise Building”
- Leader of Survey Camp for Geomatic Engineering, completed activities such as Road Survey, Topographic Survey, Traversing and Use of Google Earth Studio for Remote Surveying
- Leader in Mini Project- “Mumbai Floods – Case Study of Floods in Reclaimed City”
- Group Leader for Mini Project on “Mass Movement Prevention”
- Site Visit to 900 MLD Drinking Water Treatment Plant for Mumbai
- Site Visit to RMC Plant in Mumbai Metropolitan Region.