

# KRISHNA REDDY GADDAM

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Houston, Tx.

## EDUCATION

**Master of science in Civil Engineering – (Structural Engineering) – CGPA: 3.44** **May 2024**  
University of Houston, Houston, TX.

**Bachelor of Technology in Civil Engineering – CGPA: 8.15** **July 2021**

Guru Nanak Institutions Technical Campus, Hyderabad, India.

**Diploma in Civil Engineering – 8.91** **April 2018**

Government Polytechnic, Hyderabad, India.

## EXPERIENCE

**Structural Draftsman and Design Intern - Infrastructure Designers, Hyderabad, India.** **March 2022**

- Performed analysis and design of structural elements using STAADPRO and ETABS under supervision for concrete, steel structures and municipal plants.
- Formulated and modified detailed structural design drawings using AutoCAD and evaluated that all designs and drawings adhered to the codes while networking with the team lead.
- Actively took part in client-company meetings in case of discrepancies between architectural and structural drawings, and documented daily progress reports, while preserving and developing reports for daily events of the team.
- Examined the reinforcement layout of slab, beams, bar dia, cover and ensured the layout is compiled with the design drawings as a part of my site walk on biweekly basis and produced reports.

**Engineering Intern - Guru Nanak Institutions Technical Campus, Hyderabad, India.** **July 2019**

- Examined properties of cement and concrete such as fineness, setting time, soundness, compressive strength, compaction factor by selected appropriate samples and conducting standard quality checks.
- Prioritized daily duties, troubleshooting quality issues, procuring materials, and controlling inventory.

**Collaborated in and presented a detailed land survey - GNITC, Hyderabad, India.** **October 2019**

- Examined previous records and statistics to ensure data accuracy along with my team.
- Executed the detailed land survey and recorded the outcome and prepared a detailed report.

## ACADEMIC PROJECTS

**Seismic Evaluation of Irregular Structures using ETABS** **June 2021**

- Evaluated shape and structural irregularities in a building that prevents the building from achieving selected performance against earthquake risk.
- Calculated the design lateral forces on irregular buildings using static method and response spectrum analysis.

**Analysis and Design of a Multistoried Building Using ETABS** **March 2021**

- Analyzed the effects on a multistory building for various load kinds.
- Prepared a detailed report and carried out the evident design.

**TECHNICAL SKILLS** – AutoCAD, STAAD PRO, ETABS, MATLAB, REVIT, SAP2000, ANSYS, ABACUS.

**SOFT SKILLS** – strong analytical and Problem-solving skills, detail oriented, interpersonal skills, judgement, and decision-making skills, communication skills, collaboration, and teamwork.

**LANGUAGES** – English, Telugu, Hindi.

## HONORS AND ACTIVITIES

- Acted as class representative for a year assisting lecturers in scheduling and overseeing classwork, mentoring, and maintaining student records.
- Actively organized and conducted an annual event at my college in the year 2018.
- I was part of the champions team of Inter polytechnic cricket league which was conducted zone wide.
- As a student association member, I was actively involved in addressing student issues during my diploma.