





N. VIDYA PRAKASH

An innovative and dynamic fresher, on a lookout for challenging entry-level opportunities in the field of **Civil Engineering** within the Civil Manufacturing, Construction and Design Industry preferably in **Hyderabad**

CONTACT

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KNOWLEDGE PURVIEW

- Civil Engineering Projects
- 3-D Printing
- Quality Surveying
- Safety Management
- Feasibility Studies
- Engineering Compliances (Codes, Norms, Standards)
- Detailed Design & Engineering
- ISO Standards

TECHNICAL SKILLS

- MS Office
- Windows 7, 8 and 10
- AutoCAD
- GIS
- STAAD Pro
- Revit
- 3ds Max

CERTIFICATIONS

- Certifications in **3ds Max**, **AutoCAD** and **Quantity Surveying** from **Canter CADD**, Hyderabad

PROFILE SUMMARY

- Passionate and zealous fresher with the core knowledge of civil engineering principles, practices, and methods pertaining to the conduct of property, topographic, construction, quantity, quality related operations and surveying
- Know-how of the **GIS Technology** for **spatial analysis**, overlaying data, and integration of other solutions and systems; capacity to easily manage, reuse, share and analyze data, saving time and resources
- Skilled in **3D Design Visualization** using **3ds Max** to render drawings in photo-realistic visualization created using **AutoCAD** and structural analysis and design software like **STAAD Pro** to analyze and design structures such as bridges, towers, and so on
- Exceptional academic performer; **attained the 3rd position in the Third and 2nd position in the Fourth and Sixth Semesters in college**
- Expertise in **BIM (Building Information Modelling)** through **Revit Software** and creating accurate **3-D Model**; updating floor plans, elevations and sections; efficient conceptual designs, visualization and fabrication
- Attended workshop on **"Hydroelectric Projects"** conducted on campus at Vignana Bharathi Institute of Engineering, Telangana and gained perspective on construction, topography and survey related processes of hydroelectric projects
- Excellent problem-solving, critical-thinking and communication skills and an ability to identify problems, design and articulate solutions and implement changes

EDUCATION

- **2020: B.Tech. (Civil Engineering)** from Vignana Bharathi Institute of Technology, Jawaharlal Nehru Technical University, with **7.47 CGPA**
- **2017: Diploma (Civil Engineering)** from Jaya Prakash Narayan College of Engineering, State Board of Technical Education & Training, Mahbubnagar, with **85.43%**
- **2014: Secondary Education** from Keshava Reddy Talent School, Kurnool with **8.8 GPA**

ACADEMIC PROJECTS

Study on Strength Behaviour of Soil Using Geo Textiles

- Conducted experiment to analyse the impact of heavy loads on the soil using Geo Textiles and their efficiency as materials for road-building purposes
- Concluded that Geo Textiles could resist heavy loads and prevented cracks through transferring of the load's weight to the soil and was durable than normal materials used to construct roads

Comparative Study of Diagrid Structure and Conventional Model under Seismic Load

- Studied the effects seismic activity on Diagrid Structure with **STAAD Pro** and measured the lateral displacement to ascertain how the it is a more robust structure for construction than conventional models
- Determined that the Diagrid Structure is best suitable for construction to minimize the impact of **Earthquakes** on the constructed buildings, bridges, towers, and so on

PERSONAL DETAILS

Date of Birth: 10th August, 1998

Address: Radha Krishna Colony, near Second Railway Gate, Gadwal-509125, Telangana

Languages Known: English, Telugu, Hindi

