



RAVI CHANDRA BANDLA



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H.No:24-37/2,Beside APGV
Bank
Cherial,Siddipet



Education

Indian Institute of
Technology-Kharagpur
2020 - 2021

CVR college of Engineering
2014 - 2018

NRI Academy
2012 - 2014

Presentation High School
- 2012

M.Tech(Geotechnical Engineering)

7.29(CGPA)

B Tech(Civil Engineering)

78.3%

Intermediate

93.1%

SSC

8.7(GPA)



Experience

Lalitha Constructions
2022 - 2023

Junior Engineer

worked as junior engineer for 18 months
(jan 2022-june2023)

IIT(Kharagpur)

Teaching Assistant

worked as teaching Assistant for the coarse SOIL MECHANICS, SOIL EXPLORATION and had good experience of handling equipment of Geotechnical Laboratory.



Projects

PG project

Influence of Quick Lime(CaO) Diffusion on Undrained Shear Strength of Clay

Generally Clay as a foundation soil is very tough for the mass construction because clay has low bearing capacity and undergoes excessive settlement in the presence of water. The scope of the project is define the increase in undrained shear strength due to CaO diffusion which is installed as a column at the centre and the variation in strength is determined at various radial distance and for various curing periods.

Winter Project

Interference of Shallow Foundations in ABAQUS

During Semester break worked on ABAQUS

Development of Macroscopic Hydraulic Conductivity Model for Clay Affected Soils Using Variable Head Method

The overall objective of this project is to establish the link between the absorbed water layer in soils to the macroscopic parameters used in prediction of effective porosity, and saturated hydraulic conductivity.



Other Info

Skills

Auto CAD, MATLAB, FLAC, ABAQUS, MS Excel, MS ppt, OS: Windows

Languages

Telugu, English, Hindi

Interest

ANALYSING THE NEWS AND UPDATING MYSELF WITH LARGEST TOOLS AND INFORMATION.
PLAYING CRICKET AND HANDBALL.

Awards

Secured GATE AIR 1616 in 2019.
Secured 1st position in KANDUKURI SHAMBU LINGAM MEMORIAL INTER DISTRICT HANDBALL CHAMPIONSHIPS 2012-2013.