

PRANESHKUMAR R

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Education

Master of Engineering - Geotechnical Engineering Government College of Technology, Coimbatore	2020 - 2022 CGPA - 8.83
Bachelor of Engineering - Civil Engineering Sri Krishna College of Engineering and Technology	2016 - 2020 CGPA - 8.49
H.S.C PSG Sarvajana Higher Secondary School	Graduated, 2016 Percentage - 92.50
S.S.L.C PSG Sarvajana Higher Secondary School	Graduated, 2014 Percentage - 93.60



Technical skills

Software - AutoCAD, Revit Architecture, STAAD Pro, Plaxis 3D, Abaqus FEA



Academic Projects

EXPERIMENTAL AND NUMERICAL ANALYSIS OF PILE EMBEDDED IN SAND UNDER MONOTONIC LOADING

The response of monopile subjected to monotonic loading by performing experimental analysis by varying L/D and e/L ratios is tested and using Abaqus software a three-dimensional finite element method for lateral monotonic response of monopile is developed and the effects of different L/D and e/L ratio is studied.

ANALYSIS AND DESIGN OF MECHANICALLY STABILIZED EARTH WALL

The mechanically stabilized earth wall is effectively designed using geogrid as a reinforcement and analysed using visual slope software.

PLANNING ANALYSIS AND DESIGN OF SHOPPING MALL

The shopping mall was designed using Revit and analysed using STAAD Pro. The mall was categorized into Retail shops, Gaming, Food court, Theatres and Parking Area.

COMPARISON OF EMBODIED ENERGY OF A RESIDENTIAL BUILDING

This Project presents the results of an Embodied Energy study comparing the most commonly used building materials with eco materials.

OPTIMUM MIX PROPORTIONING TO MANUFACTURE SOLID BLOCKS

An optimum mix proportion was designed to increase the compressive strength of solid blocks.



Internship

- Internship in **Srivari Property Developers** on construction of Villas Nov 2019 - March 2020
- Internship in **Sreevatsa Real Estates Pvt. Ltd.**, on construction of apartments. Jun-2018
- Internship in **Srivari Infrastructure Pvt. Ltd.**, on construction of Villas. Jun-2017



Achievements & Participation

- One day Field Visit at **S&T Training Centre of South Indian Railways** in Coimbatore.
- Won Second price in **Fanatic Topographer** event held in SKCET.
- Two Days **Dam Designing** Workshop in Kurukshetra 2018 at Anna University, Chennai.
- One Day **3D Printing** Workshop in IITM Research Park Chennai.
- First Prize in **Trussathon 2017** held in VIT Chennai.



Certifications

- Course Completion Certificate by Autodesk in **Revit Architecture**.
- Course Completion Certificate by Autodesk in **AutoCAD**.
- NPTEL Online Course Certification in **Leadership** with Elite Grade.
- Cambridge University Certification for **BEC Preliminary**.



Position of Responsibility

- Member of **Institution of Engineers** Students Chapter SKCET. (2017-2020)
- Member of **Indian Geotechnical Society** Students Chapter SKCET. (2017-2020)



Personal Details

Father's Name : Rajendran K Marital Status: Single
Birthday : October 17, 1998 Nationality : Indian
Languages Known : English, Tamil

Declaration

I hereby declare that the information furnished above is true to the best of my knowledge.

Date : 06/09/2023

Place : Coimbatore

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