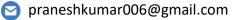
PRANESHKUMAR R









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



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



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 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.



- 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
Birthday : October 17, 1998

Marital Status: Single 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

PRANESHKUMAR R