



AKSHAY E K

GEOTECHNICAL ENGINEER

Kerala, India

8547143617
akshayek11@gmail.com
www.linkedin.com/in/akshayek
DOB: 27 -Nov-1997

ABOUT ME

A proactive, energetic, and service-oriented Geotechnical Engineer, currently working as a graduate geotechnical engineer intern at JP Mann Consulting. Completed my master's in Geotechnical Engineering from Sardar Vallabhbhai National Institute of Technology, Surat, and have experience in numerical modeling using Plaxis, design of Stone columns, Pile foundations, and Reinforced soil wall.

EDUCATIONAL BACKGROUND

Sardar Vallabhbhai National Institute of Technology, Surat

M.Tech - Geotechnical Engineering

- 09/2020 -07/2022
- GPA- 9.32/10
- Coursework: Advanced soil mechanics, advanced foundation engineering, Geosynthetics and Reinforced soil structures, Ground improvement techniques, and Rock mechanics.

NSS College of Engineering Palakkad

B. TECH - Civil Engineering

- 8/2015 - 05/2019
- GPA- 7.73/10

St.Joseph's HSS Kallody, Kerala State board
Higher Secondary Education

- 2013 - 2015
- 96%

Fr.G.K.M.HSS Kaniyaram, Kerala State Board
Secondary Education SSLC

- 2013
- 95%

WORK EXPERIENCE

Intern

JP Mann Consulting

09/05/2022 - To date

- Associated with the Design of pile foundations, Stone columns, and Preparation of Technical Reports.

PROJECTS

1-Static and Pseudo Static Slope Stability Analysis of an Embankment Supported on Stone Columns, using Plaxis 3D (2021-2022)

- This project aims at conducting a parametric study to determine the effect of parameters such as stone column area replacement ratio, stone column friction angle, cohesion of clay, and embankment height on the slope stability of embankment resting on the stone column improved ground, during seismic conditions.

2-Partial replacement of fine aggregate and cement in concrete by incinerator ash and eggshell powder (2018-2019).

- This project aims at checking the suitability of concrete with fine aggregate and cement in concrete partially replaced by incinerator ash and eggshell powder.

SKILLS

- Plaxis 3D
- Plaxis 2D
- AUTOCAD
- Microsoft Word, Excel, and PowerPoint

ACHIEVEMENTS AND AWARDS

- Gate 2020 qualified - score 492 out of 1000
- University badminton runner up