



# ANJU ELIZEBETH PHILIPOSE

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## Carrier Objective

To build a successful career in an organization with a professionally driven environment, seeking a responsible position which will utilize my skills and abilities, as well as to nourish my capability and improve my skill set to high level challenges, opportunities and continued career growth to grow while fulfilling organizational goals.

## Education

### **MTECH IN GEOMECHANICS AND STRUCTURES AT SAINTGITS COLLEGE OF ENGINEERING, KOTTAYAM, KERALA**

- UNIVERSITY : APJ Abdul Kalam Technological University
- YEAR OF PASSING : 2019
- CGPA : 8.19

### **BTECH IN CIVIL ENGINEERING AT AMAL JYOTHI COLLEGE OF ENGINEERING, KOTTAYAM, KERALA**

- BOARD : Mahathma Gandhi University
- YEAR OF PASSING : 2016
- CGPA : 6.9

#### **CLASS 12**

- UNIVERSITY : CBSE
- YEAR OF PASSING : 2012
- PERCENTAGE : 78%

#### **CLASS 10**

- UNIVERSITY : CBSE
- YEAR OF PASSING : 2010
- GRADE POINT : 9

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### Project Details

- **Liquefaction of Sand Slag Bentonite Mixtures**

The study is done to explore the responses of loose clean sand and sand mixed with optimum percentages of bentonite and slag under static loadings, under undrained conditions and 3 different confining stresses.

- **The Inclined Compression & Uplift Bearing Capacities of Screw Piles in Cohesionless Soil**

Screw piles differ from traditional piles in that they are most commonly made of high strength steel consisting of helices which are fixed to the shaft at specific spacing. Screwed piles have the advantage that their vertical bearing capacity increases because of the resistance of the wing portion. In this study, the inclined compression and pull-out loading tests on screwed piles in sand deposits using a model tank is to be performed.

### CONFERENCES

- Presented a paper on “Liquefaction of sand slag bentonite mixtures” In 4<sup>th</sup> KERALA TECHNOLOGICAL CONGRESS - KETCON of KTU TECHFEST 2019
- Presented a paper on “ The Uplift Bearing Capacities of Screw Piles in Sand” In DICE CONFERENCE held at MBC Kuttikanam

### PUBLICATIONS

- Anju Elizebeth Philipose and Dipty Sarin Jacob(2019), Liquefaction of Sand Slag Bentonite Mixture, Proceedings of the 4<sup>th</sup> Kerala Technological Congress KETCON 2019, 15<sup>th</sup>- 17<sup>th</sup> Feb., Government Engineering College., Vol 1., 155-160
- Anju Elizebeth Philipose and Dipty Sarin Jacob(2019), “The Inclined Uplift Bearing Capacities of Srew Pile in Sand” , Journal of Emerging Technologies and Innovative Research, vol. 6, Issue 5, pp. 400-403, May 2019

### Internship

- 1 month internship at Geo Structural Pvt, Cochin

### Experience

- Currently working as Assistant Professor in Mountzion College of Engineering, Kadaminitta

- Date of joining : January 20<sup>th</sup> 2020

### Software Skills

- Plaxis 2d, Etabs, Auto Cad, STAAD.Pro

### Personal Strength

I prefer to work with positive affirmation that gives a solution to attract people and help me to success in my life; Ability and eagerness to learn new things; I am dynamic and adaptable to change according to situation; Motivation skills; Teaching skills.

### Declaration

I hereby solemnly declare that all the forgoing information is correct to the best of my knowledge and belief. I have not suppressed any material fact or factual information in the statement given above.

### References

[Available upon request.]