

# SHREESH AJAYKUMAR

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## Education

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### NIT Kurukshetra

*MTech in Soil Mechanics and Foundation Engineering*

2014

*Kurukshetra*

### Govt College of Engineering Kannur

*BTech in Civil Engineering*

2012

*Kannur*

## Professional Experience

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### Government College of Engineering Kannur

*Assistant Professor in Civil Engineering*

July 2019 – Present

*Kannur*

- Courses taught : Geotechnical Engineering I, Geotechnical Engineering II, Environmental Engineering I, Environmental Engineering II, Highway Pavement Design
- Labs handled : Geotechnical Engineering Lab, Transportation Engineering Lab, Material Testing Lab
- Staff Advisor of 2020-2024 CE batch
- Faculty-in-charge of Transportation Engineering Lab
- Member of College Master Plan Committee
- Staff Advisor of 2016-2020 CE batch during the academic year 2019-20

### Kerala State Housing Board

*Assistant Engineer*

Nov 2018 – July 2019

*Kasaragod*

- Involved in the construction of new blocks for several Primary Health Centres and Village Offices of Kasaragod District
- Involved in the planning and DPR preparation of Mini Civil Station, Vellarikkundu in Kasaragod District

### Military Engineer Services

*Junior Engineer*

Dec 2014 – Nov 2018

*Jhansi*

- Worked with military stations of CWE Jhansi and AGE(I) Talbehat
- Held the charges of E2 section(planning, report/returns) and E8 section (tendering and contracts)
- In charge of e-tendering section during the years 2016-2018

## Membership in Professional Bodies

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### Indian Geotechnical Society

## Professional Service Activities

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Soil Investigation for various projects

Testing of soil properties

Rendering Geotechnical Engineering related advice for Kerala Vigilance and Anti-Corruption Bureau and Local Self Government Department Kerala

## Projects Guided

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Experimental Study on Black Cotton Soil Stabilisation Using Bagasse Ash and Bioenzyme

Waste Water Treatment Using Plant Based Natural Coagulants

A Study on the Performance and Mechanism of Soil Reinforcement by Vetiver Root System

Correlation of Infiltration Data with Geotechnical Properties of Various Soils in Wayanad [CERD funded project for an amount of Rs.50000]

Effect of Plant Roots on Interrill Erosion

## Extracurricular

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- Participated and won prizes in various quiz competitions at school level and state level
- Quiz winner of University Fest, Kannur University for the years 2011 and 2012
- Other hobbies - reading Malayalam novels, English novels of Indian authors, music, yoga etc.