



THE TECHNICAL UNIVERSITY OF KENYA

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NAME: MR SEARLE KHAREMWA MARATANI

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| Faculty: | ENGINEERING AND THE BUILT ENVIRONMENT |
| School: | CIVIL AND RESOURCE ENGINEERING |
| Department: | STRUCTURAL AND CONSTRUCTION ENGINEERING |
| Current Designation: | Graduate Assistant, STRUCTURAL AND CONSTRUCTION ENGINEERING (DSCÉ) |
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| Consultation Hours: | 8AM-5PM MON - FRI |



EDUCATION

| LEVEL | QUALIFICATION NAME | INSTITUTION | YEAR |
|---------------------------------|--|---|------|
| Bachelor of Engineering (B.Eng) | CIVIL ENGINEERING | THE TECHNICAL UNIVERSITY OF KENYA(Kenya) | 2016 |
| O level/Equivalent | KENYA CERTIFICATE OF SECONDARY EDUCATION | KABUYEFWE FRIENDS SECONDARY SCHOOL(Kenya) | 2009 |

WORK EXPERIENCE

| PERIOD | INSTITUTION | POSITION |
|------------------------|--|----------------------------------|
| 17/2/2018 - 31/07/2021 | KIHBT | Part-Time Lecturer |
| 17/2/2020 - 31/01/2021 | Runyenjes Technical and Vocational Colege (RTVC) | Technical and Vocational Trainer |

COURSES TAUGHT

| NAME | DESCRIPTION | PERIOD |
|--|--|--------------------|
| Soil Mechanics 1A | introduction to soil mechanics and studies on soil properties and formation. | June - August 2021 |
| DESIGN OF STRUCTURES III A | This course covered the introduction to structural design and design of structural members to ULS and SLS. | Jan - April |
| Introduction to Foundation Engineering | This is an introductory course to Foundation Engineering. It aims at providing students with knowledge on the properties, strength, and behavior of soil that will help improve its strength to hold structures. | Sept - TO-DATE |
| TECHNICAL DRAWING 2 | This is a course that aims in providing students with knowledge on different projections and views of structures. | June - TO-DATE |
| DESIGN OF STRUCTURES II B | A course for the Architecture students to get knowledge on the behavior of structural members under shear and the theory of simple bending. Calculations on Macauley's method and Three Moment theorem were also covered | Jan - April |
| Introduction to Engineering Technology | The course introduced students to Engineering and the different branches of Engineering. Course covered Professionalism in Engineering and Engineering Ethics which is core in practice after the course. | April - June |