

CURRICULUM VITAE



Anees Raja

B.E Civil Engineering
M.E Geotechnical & Highway Engineering

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Introduction

I am an experienced civil engineer with a demonstrated history of working in the construction and design industry. Currently serving in academia, I mentor aspiring engineers to meet their academic and professional goals.

Education

2015	Bachelors of Engineering (Civil) Mehran University of Engineering & Technology, Jamshoro, Pakistan 2 nd Position out of 131 Students	89.86% 3.96 CGPA
2018	Masters of Engineering (Geotechnical & Highway) Mehran University of Engineering & Technology, Jamshoro, Pakistan Research Topic: Strength Behavior of Bentonite Clay reinforced with Bagasse Fiber	3.90 CGPA

Work Experience

Jan 2017 to Present	Lecturer at Mehran University of Engineering & Technology, Jamshoro (MUET) Job Responsibilities <ul style="list-style-type: none">Teaching various civil engineering subjects to undergraduate students.Assisting senior professors in preparing curriculum for general courses and programs.Conducting research into specific areas and imparting new knowledge to the students.To supervise undergraduate research groups
June 2015 to Dec 2016	Geotechnical Design Engineer at National Engineering Services Pakistan (NESPAK) Job Responsibilities <ul style="list-style-type: none">Assisting senior and principal engineers in geotechnical design of different national and International projects involving embankment dam design, slope stability analysis and foundation design.Preparing technical reports about feasibility and detailed design of geotechnical projects.Preparing tender documents for geotechnical investigation works.
March 2015 to May 2015	Junior Site Engineer at PRINCIPAL BUILDERS Job Responsibilities <ul style="list-style-type: none">To estimate cost and quantity of materials used in construction.To supervise construction work on site as per design drawings.

Research Experience

Supervised different undergraduate research projects

- Assessment of Geotechnical properties of Bentonite Clay stabilized with Bagasse Ash
- Compressibility Characteristics of Bentonite Clay Reinforced with Bagasse Fiber
- Assessment of variability in standard proctor results on Jamshoro Soil
- Shear Strength Parameters of Bentonite Clay Reinforced with Bagasse Fiber

Supervised following postgraduate research project

- Partial Replacement of Sand with Bagasse Ash in Concrete
- Correlation between Chemical and Index Properties of Jamshoro Soil

Publications

- “Use of Bagasse as Natural Fiber for Soil Reinforcement” published in International Journal of Science, Research & Sustainability (IJSRS), January 2018, Vol. 1, No. 1, page 13 – 17.
- “Evaluation of Compaction Characteristics of A-7-6 Soil Using Dynamic Cone Penetrometer” published in International Journal of Science, Research & Sustainability (IJSRS), April 2018, Vol. 1, No. 2, page 52 – 55.
- “Strength Characterization of Soorh Modified Cement Mortar” published in International Journal of Science, Research & Sustainability (IJSRS), April 2018, Vol. 1, No. 2, page 47 – 50.

Key Skills

- Familiar with a number of modern engineering tools, programming languages and technologies including
 - ETABS, Primavera-P6, AutoCAD, Geo Studio, CADAM
 - C++ Programming to solve complicated repetitive problems
 - Excel, Word, PowerPoint and Visio
- Personable nature with students while maintaining professional relationships with coworkers
- Excellent oral and written communication
- Extremely organized and efficient in time management.

Achievements

- Have secured distinction grades throughout academic career.
- Received various scholarships & awards for excellent academic performance.
- Secured 100 percentile in NTS GAT (General) 2017

English Proficiency

IELTS – 21st April, 2018

Listening	8.5	Reading	8.5	Writing	7.0
Speaking	6.5	Overall	7.5		

Professional Membership

- Pakistan Engineering Council — CIVIL/37935

Personal Information

- Gender: Male
- Date of birth: 1st March, 1993
- Nationality: Pakistani
- Languages: English, Urdu, Sindhi