



# VEERO MAL

ASSITANT PROFESSOR OF METHAMATICS

## PROFILE

As an assistant professor in mathematics and statistics at Sindh Agriculture University Tandojam, Pakistan, I am keen to extend my expertise and contribute to cutting-edge research in a new academic setting. With a solid foundation in mathematics education, coupled with years of teaching experience, I am eager to embark on a Ph.D. journey that allows me to delve deeper into my field of passion.

## WORK EXPERIENCE

LECTURER SINCE 2014 - OCT- 2024

ASSISTANT PROFESSOR SINCE OCT- 2024-PRESENT

### Sindh Agriculture University Tandojam

Basic Engineering, Faculty of Agriculture Engineering

- Currently I am working as an assistant professor of Mathematics and statistics in Sindh Agriculture University Tandojam, Sindh, Pakistan. I have more than 10 years teaching experience in various courses of Applied Mathematics and Statistics at University level.
- A dedicated an assistant professor in applied mathematics and statistics, adept at developing and executing comprehensive teaching strategies to inspire student engagement and facilitate learning. Experienced in leading and mentoring high-performing teams, fostering a collaborative work environment, and ensuring brand consistency across teaching materials. Committed to academic excellence and guiding students towards intellectual growth and success.

## COMPUTER SKILLS

- MS Office
- Word
- Paint
- Excel
- PowerPoint

## PUBLICATION

[DOI: 10.17485/ijst/2020/v13i04/149629](https://doi.org/10.17485/ijst/2020/v13i04/149629)

- Title: Development of inverse mathematical model of Rouse Formula to estimate suspended sediment concentration along width of channel
- The Finite Element Solution Procedure for Variational Method (under process and not published till now ).

## CONTACT



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Faculty of Agricultural Engineering,  
Sindh Agriculture University,  
Tandojam, Pakistan.

## EDUCATION

### MEHRAN UNIVERSITY OF ENGINEERING & TECHNOLOGY JAMSHORO, SINDH, PAKISTAN.

- M.Phil. in Applied Mathematics
- CGPA: 3.59/4.0 1st Class

### UNIVERSITY OF SINDH JAMSHORO, SINDH, PAKISTAN.

- BS (Hons) in Mathematics
- GPA: 3.10 / 4.0 1st Class

### CA' FOSCARI UNIVERSITY OF VENICE ITALY

- Six Months as an Exchange Student Program
- 1 st Class 95% marks

## SKILLS

- Problem-solving
- Quantitative Analysis
- Statistical Analysis
- Programming
- Leadership
- Effective Communication
- Critical Thinking
- Optimization Techniques
- Team Work

## LANGUAGES

- English (Fluent)
- Urdu (Fluent)
- Sindhi (Fluent)
- Italian (Basics)
- Hindhi (Fluent)
- Marvari (Fluent)

## **RESEARCH INTERESTS**

- Analysis Modeling Simulation
- Mathematics and Statistical Learning
- Numerical Analysis
- Analysis and partial differential equations
- Mathematical and statistical modeling
- Theory of probability and Statistics
- Stochastic Analysis
- Markov chain, Monte Carlo Methods
- Applications of Partial Differential Equations
- machine learnings,
- Data Science,
- Mathematical Biology,
- Operation Research and Optimization.

## **PROGRAMING LANGUAGES**

- MATLAB
- Python
- Maple software
- R-Programing
- HTML, CSS, Java scrip, Django

## **REFERENCES**

### **Dr Asif Ali Shaikh**

Professor of Mathematics and Chairman of Department ( PhD in Pakistan)  
Mehran University of Engineering and Technology, Jamshoro, Sindh, Pakistan.  
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### **Dr Velo Suthar.**

Professor of Statistics and Chairman of Department ( PhD in Malaysia)  
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### **Mr. Ghulam Shabbir Bughio.**

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