



# Veero Mal

## Address:

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

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## Career Objective:

To contribute my services in a reputable organization, bring a healthy environment where I can utilize skills, energy, and educational background and to accomplish challenge with complete dedication, sincerity and oriented attitude.

## Personal profile:

Name: Veero Mal

Father's Name: Mehro Mal

CNIC: 44301-6556428-9

Nationality: Pakistani

## Qualifications:

M.Phil. in Applied Mathematics from Mehran University of Engineering & Technology Jamshoro, Sindh, Pakistan.

1<sup>st</sup> Class CGPA: 3.59 out of CGPA: 4

BS (Hons) in Mathematics from University of Sindh Jamshoro, Sindh, Pakistan.

1<sup>st</sup> Class CGPA: 3.10 out of CGPA: 4

Six Months as Student Exchange Program in mathematics from Ca' Foscari University of Venice Italy.

1<sup>st</sup> Class and 95 % Marks

## Publication:

<https://indjst.org/articles/development-of-inverse-mathematical-model-of-rouse-formula-to-estimate-suspended-sediment-concentration-along-width-of-channel>

## Experience:

Currently I am working as a Lecturer of Mathematics in Sindh Agriculture University Tandojam, Sindh, Pakistan (2014 to till now). I have more than 7 years teaching experience in various courses of Pure & Applied Mathematics at University level (Numerical Analysis, ordinary and partial differential equations, Linear Algebra, Calculus, and analytical geometry, Applied calculus, Fourier Series, Laplace Transforms, and complex Analysis).

## Research Interests:

Computational Fluid Dynamics, Mathematical Modeling and simulations, Numerical Analysis, Ordinary and Partial Differential Equations, Finite Analysis, Biological Mathematics linear Algebra Methods for Advanced Differential Equations (Perturbation Method, Adomian Decomposition Method and Homotopy Perturbation Method), Mathematical Biology, and linear Algebra.

## Languages:

English, Urdu, Sindhi, Italian

## Professional Skills:

Excellent communication and teaching skills, Team Player, Higher Integrity, Write and set up the research Articles, Flare for learning and Efficient of completing the given assignment and projects within given timeline.

**Computer Skills:** MS Office, Word, Paint, Excel, PowerPoint, MATLAB and Maple.

## Major subjects studied:

- Applied calculus and vector calculus
- Fluid Mechanics
- Econometrics
- Integral Equations
- Discrete Mathematics
- Measure Theory
- Business Mathematics and its applications
- Analytical Dynamics
- Linear Algebra and abstract algebra
- Algebraic Topology
- Partial Differential Equations
- Complex Analyses
- Theory of Equations
- Physics and mathematical method of physics.
- Rings and Field
- Analytical Geometry and differential Geometry.
- Tensor Analysis
- Numerical analysis and computational Mathematics.
- Laplace transformation.
- Differential equations and Fourier series
- Partial differential equations and numerical solutions.
- Statistics and theory of probability
- Functional analysis
- Real ana

## References:

**Reference will be provided on requirements.**