

# Shanza Bibi

Mathematician

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Mianwali, Pakistan

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I have been able to effectively convey complex ideas through engaging and well-crafted content. My academic background in mathematics equips me with a strong analytical mindset and a commitment to precision.

## EDUCATION

### Bachelors of Mathematics Namal University Mianwali

04/2024 - Present

- Courses
- Ordinary Differential Equations
  - Lie Symmetry
  - Partial Differential Equations
  - Mathematical Modelling

## WORK EXPERIENCE

### Workshop at Islamabad Nayatel company

02/2024 - 03/2024

- Achievements/Tasks
- Training on soft development.
  - Presentation, resume and speaking activities.

### Internship at Namal University Admission office

06/2022 - 08/2022

- Achievements/Tasks
- Working closely with the admissions team by managing applications, assisting prospective students.

### CESD internship Namal University Mianwali

06/2022 - 07/2022

- Achievements/Tasks
- Gained skills presentation, CV, Poster, and Logos.

### Human Resource Smart Web Labs(Remote)

05/2024 - Present

- Achievements/Tasks
- Job posting, Recruiting candidates, and Maintaining employee records

## PUBLICATIONS

Published Research Paper in Alexandria Journal  
(11/2023 - 03/2024)

*Evaluation of thermal bioconvective phenomenon for periodically accelerating nonlinear radiated flow of Maxwell nanofluid with triple diffusion effects*

## SKILLS

Problem solving

Mathematical Modelling

Critical Thinking

Teamwork

Leadership

Teaching

MS office

Maple

## PROJECTS

Undergraduate Final Year Project 2023-24  
(10/2023 - Present)

- Mathematical Modelling on Nanofluid problem, aim of Project (Final Year) to delve into Nano-particle exploration for effective implementation in nanofluid technology.

Lie symmetry semester project (10/2023 - 02/2024)

- Lie Symmetry Analysis using GEM software
- Learn how to find symmetries of differential equation Conservation laws, and Reduction of order

Optimization and Linear programming semester project (03/2023 - 07/2023)

- Minimization of Transportation Cost at Namal University
- Using Northwest Corner Method, Least Cost Cell Method, Vogel's Approximation Method

## CERTIFICATES

Certificate of Excellence

BOOTCAMP

PEEF Scholarship

LAPTOP(Prime Minister Scheme)

Certificate of Achievement by CESD internship program

Fully Funded Scholarship at Higher secondary level

Fully Funded Scholarship at Undergraduate level

## LANGUAGES

English  
Professional Working Proficiency

Urdu  
Native or Bilingual Proficiency

Chinese  
Limited Working Proficiency

Saraiki  
Native or Bilingual Proficiency