

Asma Fatima

Student

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Undergraduate mathematics student with a keen interest in applied and computational mathematics, aiming to leverage practical knowledge to achieve academic excellence.

## EDUCATION

### BS Mathematics Namal University Mianwali

11/2021 - Present

Mianwali, Pakistan

Key Courses

- |                                  |                                 |
|----------------------------------|---------------------------------|
| - Ordinary Differential Equation | - Partial Differential Equation |
| - Numerical Methods              | - Linear Algebra                |
| - Probability and Statistics     | - Complex Variable              |

## WORK EXPERIENCE

### Teaching Assistant Namal University Mianwali

09/2024 - 01/2025

Mianwali, Pakistan

Achievements/Tasks

- Served as a Teaching Assistant (TA). This role helped me to enhance my teaching skills.

## ORGANIZATIONS

Namal Mathematical Society (09/2022 - Present)

Event Manager

Namal Mathematical Society (10/2022 - 10/2023)

Assistant Head of Women in Mathematics

Scholar Bridge Society (09/2024 - Present)

Director Content Writer

## SKILLS

Latex

Team work

Time Management

Project Management

## PROJECTS

Final Year Project

- Currently, working on my FYP on "Robust Control of Under-actuated Electromechanical Systems", focusing on leveraging mathematical techniques to solve real-world problems.

Key Semester Project

- Time Estimation for Polio drive: By using first order ODE to calculate minimum time to cover all population to be vaccinated.

## ACHIEVEMENT

Merit Scholarships

I am proud to share that I achieved merit scholarships throughout my college and university education that recognized my outstanding performance and motivated me to maintain high standards in my studies.

## INTERESTS

Research

Exploration of Mathematical Tools

Sewing