

Aliya Rubab

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ABOUT ME

An enthusiastic and dedicated teacher, who seeks to combine strong teaching skills, and a commitment to providing a positive learning environment. Passionate about contributing to success by motivating and empowering students to reach their full potential.

WORK EXPERIENCE

30/11/2023 – CURRENT Islamabad, Pakistan

MATHEMATICS LECTURER MUSLIM YOUTH UNIVERSITY, JAPAN ROAD

2023 – 2024 Islamabad, Pakistan

VISITING LECTURER IN MATHEMATICS RIPHAH INTERNATIONAL UNIVERSITY, I-14 CAMPUS

2023 Rawalpindi, Pakistan

MATHEMATICS LECTURER QUAID SCIENCE COLLEGE

2022 – 2023

ONLINE TUTOR CAMBRIDGE IGCSE MATHEMATICS O/A LEVELS

2018 – 2020 Rawalpindi, Pakistan

SCIENCE TEACHER BEACON LIGHT SCHOOL

2016 – 2018 Rawalpindi, Pakistan

SCIENCE TEACHER NEW CITY SCHOOL

EDUCATION AND TRAINING

2020 – 2023 Islamabad, Pakistan

MASTER OF PHILOSOPHY IN MATHEMATICS National University of Sciences & Technology

- A numerical Method, named ψ -Gegenbauer wavelet method is proposed by using wavelets operational matrices where numerical integration is performed by developing MATLAB codes.
- The proposed method is used for the solution of linear as well as nonlinear ψ -fractional differential equations.

Website <https://nust.edu.pk/> | **Final grade** 3.35/4.00 |

Thesis Generalized Gegenbauer Wavelets Technique for ψ -Fractional Differential Equations

2018 – 2020 Islamabad, Pakistan

MASTER OF SCIENCE IN MATHEMATICS Riphah International University

Website <https://riphah.edu.pk/> | **Field of study** Natural sciences, mathematics and statistics | **Final grade** 3.50/4.00

RESEARCH INTERESTS

Computational Mathematics

Fractional Differential Equations

Mathematical Modelling

Differential Equations

Numerical Analysis

LANGUAGE SKILLS

Mother tongue(s): **URDU**

Other language(s):

	UNDERSTANDING		SPEAKING		WRITING
	Listening	Reading	Spoken production	Spoken interaction	
ENGLISH	C1	C1	B2	B2	C1
PUNJABI	C2	C2	C2	C2	C2
GERMAN	A1	A2	A2	A1	A2

Levels: A1 and A2: Basic user; B1 and B2: Independent user; C1 and C2: Proficient user

SKILLS

Microsoft Office | Microsoft Word | Microsoft Excel | Microsoft Powerpoint | LaTeX | Matlab | Outlook | Zoom | Microsoft Teams | Skype

CERTIFICATES

MATLAB workshop

NUST, Islamabad

Basic Computer Course

TEVTA, Rawalpindi

PUBLICATIONS

Generalized Gegenbauer wavelets method for ψ -Caputo fractional differential equations (Submitted)

CONFERENCES AND SEMINARS

Recent trends in Mathematical Sciences-III

International Conference on "Recent trends in Mathematical Sciences-III" held in School of Natural Sciences, NUST Islamabad, Pakistan.

Applications of MATLAB in Science and Engineering

Training Workshop on "Applications of MATLAB in Science and Engineering" Organized by School of Natural Sciences, NUST Islamabad, Pakistan.

LaTeX Workshop

LaTeX Workshop Organized by SNS Alumni Association, NUST Islamabad, Pakistan.

HONOURS AND AWARDS

Scholarship – Riphah International University

Awarded MSc Scholarship from Riphah International University, Islamabad, Pakistan

MANAGEMENT AND LEADERSHIP SKILLS

Leadership

Class Representative at Riphah International University, Islamabad

Communication Skills

Successfully presented various topics to audiences of 50 or more participants, engaging and informing attendees through clear and effective communication skills.

Effective Team Collaborator

Comfortable with and contributes effectively to group work environments.

● COMMUNICATION AND INTERPERSONAL SKILLS

Team Making

Public Dealing

Teacher & Students Issues Resolver

Motivational Speaker

● RECOMMENDATIONS

Dr. Umer Saeed Supervisor

Associate Professor of Mathematics
National University of Sciences and Technology
Islamabad, Pakistan

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Prof. Mujeeb Ur Rehman Teacher, GEC Member

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School of Natural Sciences
National University of Sciences and Technology
Islamabad, Pakistan

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