

Rabia Hanif

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● EDUCATION AND TRAINING

2017 – 2019 Rawalpindi, Pakistan
MASTERS OF PHILOSOPHY IN STATISTICS PMAS–Arid Agriculture University Rawalpindi, Pakistan
Website <https://www.uaar.edu.pk/> **Field of study** Statistics

Thesis: A Study of Time Series Forecasting Enrollments Using Fuzzy Interval Partitioning Method
Link <https://doi.org/10.47852/bonview/CCE2202159>

2015 – 2017 Rawalpindi, Pakistan
MASTER OF SCIENCES IN STATISTICS PMAS–Arid Agriculture University Rawalpindi, Pakistan
Website <https://www.uaar.edu.pk/>

2012 – 2014 Rawalpindi, Pakistan
BACHELOR OF SCIENCE University of Sargodha, Pakistan
Website <https://www.uos.edu.pk/>

2010
HIGHER SECONDARY EDUCATON F.G. Degree College for Women, Abid Majeed Road Rawalpindi, Pakistan
Website <https://www.fbise.edu.pk>

2008
MATRICULATION F.G. Girls High School, M.H Road Rawalpindi, Pakistan
Website <https://www.fbise.edu.pk>

● WORK EXPERIENCE

STATISTICS LECTURER – ISLAMABAD COLLEGE OF MANAGEMENT AND COMMERCE DHAMIAL CAMP RAWALPINDI
– 27/11/2019 – 30/07/2025 – RAWALPINDI, PAKISTAN

- Introduction to Statistics
- Bio Statistics
- Statistics and Probability
- Business Statistics
- Inter level to Master’s

BOARD EXAMINER – FEDERAL BOARD OF INTERMEDIATE AND SECONDARY EDUCATION, ISLAMABAD
– 27/06/2020 – Current – ISLAMABAD, PAKISTAN

- Board Examiner
- Practical Examiner
- Invigilator

VISITING FACULTY – PIR MEHR ALI SHAH ARID AGRICULTURE UNIVERSITY RAWALPINDI, PAKISTAN – 16/02/2021 –
Current – RAWALPINDI, PAKISTAN

- Faculty of Agriculture (Introduction to Statistics)
- Faculty of Soil sciences (Experimental Design)
- Faculty of Agronomy (Experimental Design)
- Faculty of Horticulture (introduction to statistics)
- Faculty of Biochemistry (Quantitative Reasoning)
- Faculty of Microchemistry (Quantitative Reasoning)
- Faculty of Botany (Quantitative Reasoning)
- Faculty of Biotechnology (Bio Statistics)
- Faculty of Human Nutrition and Dietetics (Quantitative Reasoning)

VISITING FACULTY – FATIMA JINNAH WOMEN UNIVERSITY RAWALPINDI – 16/02/2025 – Current – RAWALPINDI, PAKISTAN

- Faculty of English (Quantitative Reasoning)
- Faculty of Physics (Calculus –II)

● **PROJECTS**

Statistical Analysis-PWC-Project

Currently, I am working as Statistical Analysis Officer in the PWC project. The Punjab wild life Census Project is a strategic initiative led by IUCN Pakistan, is close collaboration with the wildlife and parks department, Government of Punjab, aimed at conducting a baseline zoological survey for flora and fauna across five major ecological zoned of Punjab.

● **LANGUAGE SKILLS**

Mother tongue(s): **URDU**

Other language(s):

	UNDERSTANDING		SPEAKING		WRITING
	Listening	Reading	Spoken production	Spoken interaction	
ENGLISH	C2	C2	C2	C2	C2

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

● **SKILLS**

Microsoft Office (Word , Excel and Power Point) |SPSS software | Python | Advanced knowledge of STATA and SPSS (through training in the social sciences) | R language and R studio

● **HONOURS AND AWARDS**

11/12/2016

The Prime Minister’s National Laptop Scheme (PMNLS) – PMAS-Arid Agriculture University Rawalpindi, Pakistan

● **PUBLICATIONS**

2022
[A Study of Time Series Forecasting Enrollments Using Fuzzy Interval Partitioning Method](#)

A study of time series forecasting enrollments using the fuzzy interval partitioning method explores the application of fuzzy logic to predict future enrollment trends while handling uncertainty and vagueness in historical data. By partitioning the time series into fuzzy intervals, this method captures fluctuations and irregularities in enrollment patterns, providing more accurate forecasts in environments where data is imprecise or subject to external variability. The approach enhances the robustness of enrollment predictions, making it especially useful in educational institutions and policy planning.

Hanif, R. ., Mustafa, S. ., Iqbal, S., & Piracha, S. . (2023). A Study of Time Series Forecasting Enrollments Using Fuzzy Interval Partitioning Method. Journal of Computational and Cognitive Engineering, 2(2), 143–149

Authors: Rabia Hanif | **Journal Name:** Journal of Computational and Cognitive Engineering | **Volume, Issue and Pages:** Vol. 2

● **UNDER REVIEW / UNDER PROCESS PAPERS**

Rabia Hanif , Shafqat Iqbal, A novel Approach to TAIEX forecasting fuzzy clustering and artificial neural networks
