

HAMEED UR REHMAN

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OBJECTIVES

To obtain a better teaching position where I can utilize my knowledge, research, and extensive experience to "develop and promote creativity and high-order thinking skills that increase the performance of the students. In addition to this main objective, I am passionate to work among the researchers where I can share my ideas to uplift the University research profile

PERSONAL INFORMATION

NATIONALITY	PAKISTANI / KPK (KARAK)
PASSPORT NUMBER	DT9158273 VALID TILL AUGUST 6, 2028
OMAN CIVIL ID CARD/DRIVING LICENSE	87745744 VALID TILL SEPTEMBER 8, 2024
DATE OF BIRTH	MARCH 10, 1976
MARITAL STATUS	MARRIED

EDUCATIONAL QUALIFICATIONS

FEBRUARY 2017 – JANUARY 2021	PH. D (MATHEMATICS) , UNIVERSITI KEBANGSAAN MALAYSIA BANGI, MALAYSIA
DECEMBER 2000 – APRIL 2002	M. SC (MATHEMATICS) , PESHAWAR UNIVERSITY KPK, PAKISTAN
APRIL 1997 – MAY 1999	B. SC (MATHEMATICS, PHYSICS) , PESHAWAR UNIVERSITY KPK, PAKISTAN
JANUARY 2001 – DECEMBER 2001	B. ED (TEACHING METHODS) , PESHAWAR UNIVERSITY KPK, PAKISTAN
MAY 2002 – JUNE 2003	D. IT (INFORMATION TECHNOLOGY) , BOARD OF TECHNICAL EDUCATION KPK, PAKISTAN

TEACHING EXPERIENCE

OCTOBER 1, 2011 – TILL DATE (13 YEARS)	MATH INTRUCTOR , A'SHARQIYAH UNIVERSITY IBRA, OMAN
Courses Taught	<ul style="list-style-type: none">Applied mathematicsPure MathematicsBasic Mathematics

Additional Responsibilities

- Mathematics Course Coordinator, Exams Invigilation
- ADRI & Self – Reviewer
- Chair of Learning & Teaching Committee
- Member of CLFS board at ASU

Contribution to ASU & CLFS

- Internal reviewer for ASU Block Funding **call for proposals 2023**
- Developed **Cited Math Study Materials** for Basic, Pure, and Applied Math as per OAAA requirements with the cooperation of CLFS Math Team.
- Created **Moodle guidance Manual** through MS word.
- Conducted Workshop on **Latex** software to CLFS staff.
- Conducted Workshop on **How to create a booklet**, through MS word.
- Created an **Academic at-risk** system through excels sheets for CLFS.
- Created **e – portfolio** in Moodle.
- Created **CLFS Math Guidelines**, through MS word.
- Created **e-Appraisal form, e-Chief Invigilator report form** for CLFS.
- Created Automated **Grade book** in Moodle, calculating auto **at-risk** status.
- Created several **Google Forms** for Symposium Registration 2024.

SEPTEMBER 15, 2006 – SEPTEMBER 27, 2011 (05 YEARS)

MATH SUBJECT SPECIALIST, FAZAIA INTER COLLEGE KOHAT KPK, PAKISTAN

Courses Taught

- Calculus and Analytic Geometry
- Secondary School Mathematics

Additional Responsibilities

- Assistant House Master (M.M Alam House)
- Conducting Speech and debate competitions,
- Assembly presentation,
- Coordinating in Sports activities.

APRIL 02, 2002 – AUGUST 10, 2006 (04 YEARS)

MATH TEACHER, THE CITY SCHOOLS KPK, PAKISTAN

Courses Taught

- Mathematics (O' Level Cambridge University Course)
- Mathematics (Preparation for O' Level)

Additional Duties

- Red House in charge (Among four Houses)
- Inter houses Math quizzes conduction, Study Tours
- Hosting on annual sports competition
- Character building Adviser

NEWS READING EXPERIENCE

MAY 2003 – JUNE 2005 (02 YEARS)

TRANSLATOR AND LIVE NEWS READER, DERA ISMAIL KHAN AM – 1404, PAKISTAN

JULY 2005 – JULY 2006 (01 YEAR)

LIVE NEWS READER, KOHAT FM – 109, PAKISTAN

PROFESSIONAL COURSES

OCTOBER 1994 – DECEMBER 1994

NATIONAL CADET CORPS, GOVT. POST GRADUATE COLLEGE KARAK, PAKISTAN

4 JUNE 2007 – 13 JUNE 2007

LOCAL REFRESHER COURSE, FAZAIA INTER COLLEGE KOHAT KPK, PAKISTAN

15 JULY 2014 – 15 JULY 2014

QUALITY AUDIT ACCREDITATION, A'SHARQIYAH UNIVERSITY IBRA, OMAN

CERTIFICATIONS AND HONOURS

- Certification for a **Highly Cited Researcher** 2023, by A'Sharqiyah University Ibra, Oman.
- Certification of Participation in **2nd international Symposium on Teaching & Learning 2023**, by A'Sharqiyah University Ibra, Oman.
- Certificate of Appreciation on creating a quality **Appraisal Form** for Quality Assurance on May 2023, by A'Sharqiyah University Ibra, Oman.
- Certification on **Hands-on Start to Wolfram Mathematica** online by Wolfram U Training Team on May, 2023.
- Certificate for **Completing Ten Years Service** 2023, by A'Sharqiyah University Ibra, Oman.
- Certification for presenting the collaborative PDP on **The Lack of Interest in Teaching & Learning of Math** by Arab Open University in May, 2022.
- Certification for being a **Speaker on Research Day** 2019, by A'Sharqiyah University Ibra, Oman.
- Certificate of Participation in **EndNote X9 workshop** 2019, by A'Sharqiyah University Ibra, Oman.
- Certification for being a **Highly Cited Researcher** 2018, by A'Sharqiyah University Ibra, Oman.
- Certificate for **Completing Five Years Service** 2018, by A'Sharqiyah University Ibra, Oman.
- Certification for being attending a **Workshop on Geometric Functions Theory** 2017, by Nizwa College of Technology, Oman.
- Honored as a Judges on **Annual Exhibition on Science & Mathematics** 2017, by Indian School Ibra, Oman.
- Certificate of Participation in **Pakistani Culture Show** 2016, by A'Sharqiyah University Ibra, Oman.
- Certificate for a **Project on Hydraulic Lift** 2006, by The City School Kohat, Pakistan.
- Certificate for a **Project on Pakistan Railway** 2004, by The City School Dera Ismail Khan, Pakistan.
- Certificate for being a **Best Math Teacher** 2002, by The City School Dera Ismail Khan, Pakistan.

RESEARCH RECORD

Thesis Title: Various Properties of Coefficient Problems Associated with Fractional Calculus.

Research Grant: Successfully availed and used a research grant (Grant no: BFP/RGP/CBS/18/078) approved by Ministry of Higher Education Oman as a co-principal investigator

As a Reviewer for Academia Letters: Reviewed an article on invitation from Academia Letters on a title "A Brief Chronicle on Niels Henrik Abel's Path to Fractional Calculus", published on 22 June 2022. See <https://doi.org/10.20935/AL5900>.

PUBLISHED ARTICLES

- [1]. H. Rehman, M. Darus, and J. Salah, [Coefficient properties involving the generalized k-Mittag-Leffler functions](#), *Transylv. J. Math. Mech*, vol. 9, pp. 155–164, 2017.
- [2]. H. U. Rehman, M. Darus, and J. Salah, [Graphing Examples of Starlike and Convex Functions of order \$\beta\$](#) , *Appl. Math*, vol. 12, no. 3, Art. no. 3, 2018.
- [3]. H. Rehman, M. Darus, and J. Salah, [Normalization of the generalized K- Mittag-Leffler function and ratio to its sequence of partial sums](#), in *BSG Proceedings*, 2018, vol. 25, pp. 78–94.
- [4]. H. U. Rehman, M. Darus, and J. Salah, [A note on Caputo's derivative operator interpretation in economy](#), *Journal of Applied Mathematics*, vol. 2018, 2018.
- [5]. H. U. Rehman, M. Darus, and J. Salah, [Generalizing Certain Analytic Functions Correlative to the n-th Coefficient of Certain Class of Bi-Univalent Functions](#), *Journal of Mathematics*, vol. 2021, p. 14 pages, 2021.
- [6]. J. Salah, H. Rehman, and A. B. Iman, [The Non-Trivial zeros of the Riemann Zeta function through Taylor series expansion and Incomplete Gama function](#), *Mathematics and Statistics*, vol. 10, no. 2, Art. no. 2, 2022.
- [7]. Jamal Salah, Maryam Al Hashmi, Hameed Ur Rehman, Khaled Al Mashrafi (2022). [Modified Mathematical Models in Biology by the Means of Caputo Derivative of a Function with Respect to Another Exponential Function](#). *Mathematics and Statistics*, 10(6), 1194 - 1205. DOI: 10.13189/ms.2022.100605.
- [8]. Jamal Salah, Hameed Ur Rehman, Iman Al Buwaiqi. (2022). [Subclasses of Spiral-Like Functions Associated with the Generalized Mittag-Leffler Function](#). *NeuroQuantology*. 20. 4784-4799. DOI: <https://doi.org/10.31219/osf.io/69s74>
- [9]. Jamal Salah, Hameed Ur Rehman, Iman Al Buwaiqi (2023). [Inclusion Results of a Generalized Mittag-Leffler-Type Poisson Distribution in the k-Uniformly Janowski Starlike and the k-Janowski Convex Functions](#). *Mathematics and Statistics*, 11(1), 22 - 27. DOI: 10.13189/ms.2023.110103.
- [10]. Jamal Salah, Hameed Ur Rehman, Iman Al Buwaiqi (2023). [Subclasses of spiral-like functions associated with the modified Caputo's derivative operator](#). *AIMS Mathematics*, 8 (8): 18474–18490. DOI: 10.3934/math. 2023939.
- [11]. Rehman, H. U. Mashrafi, K. A. and Salah, J. [Estimating the Second Order Hankel Determinant for the Subclass of Bi-Close-to-Convex Function of Complex Order](#). *Malaysian Journal of Mathematical Sciences* 18(1): 91–105 (2023) <https://doi.org/10.47836/mjms.18.1.06>.

CONFERENCE & PRESENTATION

- [1]. First Innovation Conference held on December 20 – 21 December, 2017 at ASU. My presentation titled on: [A Note on Caputo's Derivative Operator in Economy](#).
- [2]. The 19th Postgraduate Colloquium (10th – 12th April 2019) at Faculty of Science & Technology UKM. [Second order Hankel Determinant for certain Starlike Function of Bi-Univalent Functions](#).
- [3]. ASU First Research Day held on March 5th, 2019 at ASU Ibra; my presentation titled on: [Introduction to Fractional Calculus and Some of Its Applications](#)
- [4]. Collaborative PDP (Professional Development Program) held by Arab Open University Oman on 9th May 2022. My presentation titled on: [The Learner and Teacher perception on the lack of interest in teaching and Learning of Math with its possible alleviation & Future ideas in teaching of Mathematics](#)

IN LINE TO SUBMIT ARTICLES

- [1]. The Fekete – Szegő Problem for certain subclasses of Analytic Functions defined by the Normalized K–Mittag-Leffler function.

DRAFT ARTICLES

- [1]. Note on Starlike Functions defined by the Sequential fractional derivatives.
- [2]. Further Results on Coefficient estimates for certain Analytic and Bi-Univalent Functions.
- [3]. The Second Hankel Determinant for certain subclass of Starlike and Convex functions of Bi-Univalent Functions.
- [4]. The Learner and Educator perception on the interest of Teaching and Learning of Math with its possible alleviation: the inferences.

COMPUTER PROFICIENCY

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| ▪ Microsoft Office and Internet | ▪ LaTeX – A document preparation system. |
| ▪ Moodle is a Learning Platform or course management system (CMS) | ▪ Sweet Home 3D – an Interior design app. |
| ▪ Microsoft Team for online teaching | ▪ GeoGebra Graphing Calculator for graphing |
| ▪ Complex Tool 6.0 for Complex functions | ▪ Wolfram Mathematica – a computational intelligence for huge mathematical calculations. |

LANGUAGE PROFICIENCY

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| ▪ ENGLISH | VERY GOOD |
| ▪ URDU | NATIVE SPEAKER (Excellent) |
| ▪ ARABIC | FAIR |
| ▪ PASHTO | MOTHER TONGUE (Excellent) |

REFERENCES

DR. WALEED AL HARTHI

Director CLFS, A'Sharqiyah University Ibra, Oman

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DR. JAMAL SALAH

Associate Professor CAHS, A'Sharqiyah University Ibra, Oman

Contact Information: +96898038726, Email: drjamals@Asu.Edu.Om

MR. IBRAHIM AL BARWANI

Mathematics Coordinator CLFS, A'Sharqiyah University Ibra, Oman

Contact information: +96899412906, email: ibrahim.albarwani@asu.edu.om

PROFUSE THANKS