Update date: 01/01/2026

Email: [redacted]

Phone number: [redacted] (Call & WhatsApp)

ORCID ID: https://orcid.org/0000-0002-2056-9371, Scopus ID: 57220768187, Researcher ID: H-5958-2018

Google Scholar Citations:
https://scholar.google.com/citations?hl=en&user=q5x5UH0AAAAJ&view_op=list_works&sortby=pubdate

ORCID Website: https://orcid.org/0000-0002-2056-9371

Web of Science ID: https://www.webofscience.com/wos/woscc/basic-search

Research Gate: https://www.researchgate.net/profile/Ilyas_Khan

Current Position: Full Professor

Department of Mathematics, College of Science Al-Zulfi, Majmaah University, Al-Majmaah, P.O. Box 66, Majmaah 11952, Saudi Arabia.

Email: [redacted] H/P: [redacted]

BIOGRAPHY

I earned a PhD in Applied Mathematics from Universiti Teknologi Malaysia (UTM), Malaysia, in 2012, and a Postdoctoral Position in 2013 at the same university. I have an excellent publication record and evidence of success in securing external funding. Currently, I am working as a Full Professor in the Department of Mathematics, College of Science, Al-Zulfi, Majmaah University, Al-Majmaah 11952, Saudi Arabia. I have several years of teaching and research experience. At Majmaah University in Saudi Arabia, I have been working for the last 12 years, with around 5 years of teaching and research experience prior to coming to Saudi Arabia. So, my total teaching and research experience is 17 years. Moreover, I am a highly qualified and motivated faculty member here in my department and remain committed to research, innovative teaching, program development, and academic advising. I have received three Distinguished Researcher Awards from Majmaah University. According to the AD-Scientific Index 2022, I ranked first among scientists at Majmaah University and 3rd in Saudi Arabia. My name has been included in the top 2% of researchers' lists over the past few years. I ranked 3rd in Saudi Arabia, according to research.com data. In 2025, according to the Top 2% researchers list, I ranked first among all public-sector universities in Saudi Arabia. Furthermore, I have published more than 1000 research articles in different well-reputed international journals. My total publications: 1000+, citations are: 39290, h-index: 85, i10-index: 821. I have served as a reviewer for several journals

and have been a guest editor for special issues in reputable journals. I am also on the editorial boards of journals such as Applied Nanoscience, Scientific Reports, and Advances in Mechanical Engineering. My areas of research interest include mathematical modeling, analytical and computational fluid dynamics, Biomathematics, and numerical computing.

ACADEMIC

CURRICULUM VITAE

1. Name - Surname: Ilyas Khan

2. Title: Full Professor

3. Educational Background:

Degree	Department/Program	University	Year
Bachelor's	Department of Mathematics & Physics	University of Peshawar, Pakistan	2003
Master's	Department of Applied Mathematics	Quaid-i-Azam University, Pakistan	2005
M.Phil	Department of Applied Mathematics	Quaid-i-Azam University, Pakistan	2007
PhD	Department of Basic Sciences/Applied Mathematics	University of Engineering & Technology, Peshawar, Pakistan	2012
Post-Doctoral Fellowship	Department of Mathematical Sciences, Faculty of Science,	Universiti Teknologi Malaysia, Johor Barhu Malaysia	2013

4. Master's / PhD Thesis

4.1.Master's Thesis Title and Thesis Advisor(s): "Some unsteady unidirectional MHD flows of second grade fluid through a porous medium.": Prof.Dr. Tasawar Hayat

4.2.PhD Thesis /Medical Specialty Thesis Title and Advisor(s): ''Exact solutions of unsteady magnetodhydrodynamic flow of non-Newtonian rate type fluids ": Prof.Dr. Sharidan Shafie

5. Academic Titles:

Date of Assistant Professorship: Jan.2014-Dec.27, 2019

Date of Associate Proferssorship: Dec.28, 2019 to 23 Sept2024

Date of Professorship: 24 sept, 2024 to-date

6. Supervised Master's and PhD Theses:

6.1. Master's Theses

Aaiza Gul (graduated)

Degree: Master of Science (MSc)
Mode: Dissertation
Title of research: Mixed Convection in Nanofluids

University: University Teknologi Malaysia

Viva date: 16 May 2016.

6.2. PhD Theses

1) Arshad Khan (graduated)

Degree: Doctor of Philosophy (Ph. D)

Topic of Research: Mathematical Modeling and Exact Solutions of Unsteady Free Convection Flow with Arbitrary Wall Shear Stress

University: University Teknologi Malaysia, Malaysia

Viva date: 5 October 2015.

2) Abid Husnain (graduated)

Degree: Doctor of Philosophy (Ph. D)

Mode: Research

Topic of Research: Boundary Layer Flow of non-Newtonian Fluids with Newtonian Heating.

University: University Malaysia Pahang, Malaysia

Viva date: Expected in July 2016.

3) Asma Khalid (graduated)

Degree: Doctor of Philosophy (Ph. D)

Mode: Research

Topic of Research: Closed-form Solutions for Unsteady Free Convection Flow of Non-Newtonian Fluids.

University: University Teknologi Malaysia, Malaysia

Viva date: Expected in Sept 2016.

4) Ahmad Qushairi Bin Mohamad (graduated)

Degree: Doctor of Philosophy (Ph. D)

Title of research: Exact solutions of non-Newtonian fluids due to co-axial and non-coaxial rotations

University: University Teknologi Malaysia, Malaysia

Viva date: Expected in Feb 2018.

5) Nor Athirah Binti Mohd Zin (graduated)

Degree: Doctor of Philosophy (Ph. D)

Title of research: Heat and mass transfer in Jefferyfluid: Exact solutions

University: University Teknologi Malaysia, Malaysia

Viva date: Expected in Feb 2018.

6) Imranullah (graduated)

Degree: Doctor of Philosophy (Ph. D)

Title of research: Numerical solutions of Non-Newtonian fluids using Keller-Box method.

University: University Teknologi Malaysia, Malaysia

7) Sidra Aman (graduated)

Degree: Doctor of Philosophy (Ph. D)

Title of research: Exact solutions of Newtonian and non-Newtonian nanofluids with single and multiple walls Carbon nanotubes.

University: University Malaysia Phang, Malaysia

8) Muhammad Saqib (graduated, 2022)

Degree: Doctor of Philosophy (Ph. D)

Title of research: Fractional Analysis in Newtonian and non-Newtonian Fluids

University: University Teknologi Malaysia

9) Nadeem Ahmad Sheikh (graduated, 2022)

Degree: Doctor of Philosophy (Ph. D)

Title of research: Exact Solutions of Hybrid Nanofluid using Fractional Derivatives

University: University Teknologi Petronas, Malaysia

10) Irfan (graduated)

Degree: Doctor of Philosophy (Ph. D)

Title of research: Numerical solutions of Nano & Hybrid Nanofluid

University: University Teknologi Malaysia

11)) Abid Ali Memon (In progress)

Degree: Doctor of Philosophy (Ph. D)

Title of research: Numerical solutions of Nano & Hybrid Nanofluid

University: University Teknologi Petronas, Malaysia

7. Publications

7.1. Articles Published in International Peer-Reviewed Journals (SCI,SSCI, AHCI, ESCI, Scopus)

For a list of publications, please refer to this link
https://scholar.google.com/citations?hl=en&user=q5x5UH0AAAAJ&view_op=list_works&sortby=pubdate

8. Art and Design Activities

9. Projects

International Projects

1. Melting Phenomenon of Non-Linear Radiative Generalized Second Grade Nanoliquid

   Role: Principal researcher
   Duration of the research: 10 months
   End Date: 2021
   Institute: Department of Mathematics, College of Science Al-Zulfi, Majmaah University, Al-Majmaah 11952, Saudi Arabia

2. Heat and Mass Transfer in MHD Williamson Nanofluid Flow over an Exponentially Porous Stretching Surface
   Role: Principal researcher
   Duration of the research: 10 months
   End Date: 2021

   Institute: Department of Mathematics, College of Science Al-Zulfi, Majmaah University, Al-Majmaah 11952, Saudi Arabia

3. Group Project 1
   Computational Fluid Dynamics Group
   Project Number: RGP-2019-3
   Role: Principal researcher
   Duration of the research: 12 months
   Start Date: 2019
   End Date: 2020

4. Group Project 2
   Computational Fluid Dynamics Group
   Project Number: RGP-2019-6
   Role: Co- researcher
   Duration of the research: 12 months
   Start Date: 2019
   End Date: 2020

5. Group Project 3
   Computational Fluid Dynamics Group
   Project Number: RGP-2019-28
   Role: Co- researcher
   Duration of the research: 12 months
   Start Date: 2019
   End Date: 2020

6. Project title: Shape effects of MoS2 nanoparticles on MHD slip flow of molybdenum disulphide nanofluid.
   Role: Principal researcher
   Duration of the research: 12 months
   Starting Date: May 2017
   End Date: April 2018
   Institute: Department of Basic Sciences, College of Engineering Majmaah University, Saudi Arabia

7. Project title: On solutions of magnetohydrodynamic boundary-layer flow in a porous medium

   Role: Co- researcher
   Duration of the research: 12 months
   Starting Date: April 2011.
   Institute: Department of Mathematics, University Technology Malaysia

8. Project title: On solutions of rotating flows of non-Newtonian fluids by using modified Darcy's law
   Role: Co- researcher
   Duration of the research: 12 months
   Starting Date: March 2011
   Institute: Department of Mathematics, University Technology Malaysia

9. Project title: The development of mathematical model for free convection flow in non-Newtonian Brinkman type fluids.
   Role: Co- researcher
   Duration of the research: 24 months
   Starting Date: June 2012
   Institute: Department of Mathematics, University Technology Malaysia

10. Project title: Exact solutions for Unsteady Free Convection Flow of Second Grade Fluids.
    Role: Co- researcher
    Duration of the research: 12 months
    Starting Date: July 2013.
    Institute: Department of Mathematics, University Malaysia Pahang, Malaysia.

11. Project title: Mathematical Modelling of Heat Transfer Analysis in Non-Newtonian Fluids
    Role: Principal researcher
    Duration of the research: 12 months
    Starting Date: August 2014.
    Institute: Department of Basic Sciences, College of Engineering Majmaah University, Saudi Arabia

10. Administrative Responsibilities

11. Memberships in Scientific and Professional Organizations

12. Awards and Honors

- Top 2% researcher award from the Majmaah University President 2025.
- Top 2% researcher award from the Majmaah University President 2024.
- Distinguish Researcher Award (Based on Highest number of publications and citations) from Majmaah University 3rd October 2025.
- Distinguish Researcher Award (Based on Highest number of publications and citations) from Majmaah University 22nd April 2023.
- Got 3rd Rank in Saudi Arabia, according to the data issued by research.com
- Distinguish Researcher Award from Majmaah University 2017, got Cash amount: SR 10,000.
- Distinguish Researcher Award from Majmaah University 2019, got Cash amount: SR 20,000.
- Best Faculty Award
- HEC Talent Farming Scheme scholar ship holder during M.Sc at Quaid-i-Azam University Islamabad (QAU), Islamabad Pakistan.
- Merit Scholar Ship during M. Phil at Quaid-i-Azam University Islamabad (QAU), Islamabad Pakistan.
- UTM International Doctoral Fellowship (IDF) 2010.
- UTM International Doctoral Fellowship (IDF) 2011.
- UTM Research Grant Vote No. 78344.
- UTM Research Associate Award
- UTM Visiting Researcher Award
- UTM Post-Doctoral Fellowship Award
- UTM Visiting Research Fellowship Award.
- Majmaah University Research Grant Award, received 3 times.

Editorial work:

ASSOCIATE EDITOR

Applied Nanoscience, Springer

https://www.springer.com/journal/13204/editors

Special Issue leading Guest Editor

Journal of Mathematics, Hindawi

https://www.hindawi.com/journals/jmath/

Special Issue Co-Guest Editor

Mathematical Problems in Engineering, Hindawi

Special Issue Co-Guest Editor

CMC-Computers, Materials & Continua - Tech Science Press

https://www.techscience.com/cmc/

Special Issue leading Guest Editor

CMES - Tech Science Press

CMES-Computer Modeling in Engineering & Sciences

Editor-in-chief

Nonlinear Science Letters A: Mathematics, Physics and Mechanics

http://www.nonlinearscience.com/journal_2076-2275.php

Publisher: Asian Academic Publisher Limited

Academic editor

Plos One

Impact factor (2014): 3.234

Publisher: Public Library of Science (PLOS).

AFFILIATION WITH PROFESSIONAL SOCIETIES

- Member of FLUID MECHANICS GROUP (FMG), Department of Mathematics, Quaid-i-Azam University, Islamabad Pakistan, (Feb. 2006 to date).

- Member of FLUID MECHANICS RESEARCH GROUP (FMRG), Department of Mathematics, Faculty Science, Universiti Teknologi Malaysia, (June 2009 to date).

- Member of APPLIED ALGEBRA AND ANALYSIS GROUP (A^3G), Department of Mathematics, Faculty Science, Universiti Teknologi Malaysia, (June 2009 to June 2011).

NON-ACADEMIC ACTIVITIES

- Participated in KONVENSYEN PEMIMPIN PELAJAR IPT 2011, 10-13 November 2011, Universiti Teknologi Malaysia Skudai, Johor.

- Participated in NAVIGATE YOUR CAREER, Programme, held on 13 December 2011, in collaboration with Universiti Teknologi Malaysia Skudai, Johor.

- Participated in JOURNAL WRITING WORKSHOP, on 3 March 2010, at Meeting Room, C22 311, UTM Skudai.

- Work as the SECRETARY for LATEX WORKSHOP, on October 10 & 11 2011, at Computer Laboratory 3, Department of Mathematics, Universiti Teknologi Malaysia (UTM), Johor Bahru, Johor, Malaysia.