<u>**CURRICULUM VITAE**</u>

Dr. Mohammad Kashif Khan
Assistant Professor
Department of Mathematics & Statistics
Integral University, Lucknow (U.P.), India
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Career Objective:

Inclined towards a challenging and growth-oriented career in academics and research where my aspiration towards learning, professional experience, academic background, and a commitment to excel would mutually complement the growth of the organization and myself.

Educational Qualifications:

- **Ph.D. (Mathematics)** from Jamia Millia Islamia (A Central University), New Delhi, in 2022. Title of thesis: "Elucidation of Certain Aspects of Multiple Hypergeometric Functions".

- **M.Sc. (Mathematic**s) from Jamia Millia Islamia (A Central University), New Delhi, India in 2010.

- **B.Sc. (Mathematics & Physics)** from M.J.P. Rohilkhand University, Bareilly, India in 2006.

Research Interests:

- Integral Transforms, Special Functions, Multiple Hypergeometric Functions, Applied Mathematics and Mathematical Analysis.

Teaching Interests:

- Engineering Mathematics, Numerical Analysis, Ordinary and Partial Differential Equations & their Applications, Integral Equations and Calculus of Variations, Laplace Transformations, Complex Analysis, Operation Research, etc.

Professional Experience:

- Working as an Assistant Professor in the Department of Mathematics and Statistics, Integral University, Lucknow (U.P.)-226026, India from August 16, 2023 to till date.

- Worked as an Assistant Professor in the Department of Mathematics and Statistics, Integral University, Lucknow (U.P.)-226026, India from September 05, 2022 to July 15, 2023.

- 6 years of teaching experience in Al-Falah University, Faridabad, Haryana, India from 2011 to 2017.

- 1 year of teaching experience in B. N. Degree College, Shahabad, Hardoi, Uttar Pradesh-India from 2010 to 2011.

List of Research Papers (Published):

1. Qureshi, M. I., Paris, R. B. and **Khan, M. Kashif**; Applications of two Summation Theorems of Gosper for the 5F4 Hypergeometric Series, Journal of Siberian Federal University. Mathematics & Physics, 16(1) (**2023**), 142-148. **(Scopus and ESCI Indexed)**.

2. Qureshi, M. I., Chaudhary, Wali Mohd. and **Khan, M. Kashif**; Some Transformations for Goursat's Function 2F2[2x], South East Asian J. of Mathematics and Mathematical Sciences, 18(1) (**2022**), 179-190. **(Scopus Indexed)**.

3. Qureshi, M. I., **Khan, M. Kashif** and Quraishi, Kaleem A.; On Certain Generalizations of Kummer's Second Summation Theorem, Design Engineering, Issue 1 (**2022**), 1925-1935. **(Scopus Indexed).**

4. Qureshi, M. I., Chaudhary, Wali Mohd. and **Khan, M. Kashif**; Certain General Double Series Identities with their Applications, *Jnanabha*, 51(2) (**2021**), 102-112.

5. Qureshi, M. I., Quraishi, K. A. and **Khan, M. Kashif**; Some Quadratic Transformations Motivated by the Work of Kummer and their Generalizations, *TWMS J. App. Eng. Math.,* 10(4) (**2020**), 1055-1063. (**Scopus and ESCI Indexed**).

6. Qureshi, M. I. and **Khan, M. Kashif**; Some Quadratic Transformations and Reduction Formulas Associated with Hypergeometric Functions, *Appl. Appl. Math.,* Special Issue No. 6 (**2020**), 71-86. (**ESCI Indexed**).

7. Qureshi, M. I., Quraishi, K. A., Chaudhary, Wali Mohd. And **Khan, M. Kashif**; Double Series Identity, Gaussian Quadratic Transformation and its Consequences, *J. Comput. Math. Sci.*, 9(12) (**2018**), 2127-2137.

Presentations in Conferences:

1. Presented the paper entitled **"A Note on certain Terminating Clausen's Series with Applications"** in **3rd online International Conference** on **Recent Trends in Renewable Energy and Advancement of Engineering and Technology (RTREAET-2023),** Sponsored by HAREDA, Govt. of Haryana, jointly organized by Department of EEE, ECE and CSE, MEC held on **16th - 17th Feb, 2023.**

2. Presented the paper entitled **"Certain general Double-Series Identities and their Applications"** in online International Conference on **Recent Researches in Mathematics (FICRRM-22),** organized by the Department of Mathematics, College of Natural and Computational Science, Mizan-Tepi University, Tepi Campus**, Ethiopia during 20-21 April, 2022.**

3. Presented the paper entitled **"On certain generalizations of Kummer's second Summation Theorem"** in **online International Conference on "Recent Trends in Renewable Energy and Advancement in Engineering and Technology (RTREAET-2021)",** Sponsored by HAREDA, Govt. of Haryana held at Mewat Engineering College (Wakf), Nuh, Haryana, India on **December 28-29, 2021.**

4. Presented the paper entitled **"On a Summation Theorem for Terminating 4F3[1]-Series with Applications"** in **4th International Conference on Mathematical Modelling, Applied Analysis and Computation** held at JECRC University, Jaipur (Raj.), India on **August 05-07, 2021.**

5. Presented the paper entitled **"A New Summation Formula for Clausen's Function 3F2[-m, α, 1+β; 1+α+m, β; -1] with Applications",** in **International Conference on Special**

Functions and Applications (ICSFA-2020) organized by Department of Mathematics & Computer Science, Babu Banarsi Das University, Lucknow, India on **December 22-23, 2020.**

6. Presented the paper entitled **"Some Terminating Gauss Series with Applications"** in **National Conference on Advances in Mathematical Analysis and its Applications** held at Department of Mathematics, P.G.D.A.V. College, University of Delhi, New Delhi, India on **November 08-10, 2019.**

7. Presented the paper entitled **"Some Summation Formulas for Clausen Series and Transformation for Goursat Series", in International Conference on Special Functions and Applications (ICSFA-20019)** organized by University College of Engg. and Tech., Bikaner (Raj.), India on **October 21-23, 2019.**

8. Presented the paper entitled **"Some Quadratic Transformations and Reduction Formulas Associated with Hypergeometric Functions"** in **2nd International Conference on Mathematical Modelling, Applied Analysis and Computation** held at JECRC University, Jaipur (Raj.), India on **August 08-10, 2019.**

9. Presented the paper entitled **"An Alternative Proof of Gauss Quadratic Transformation and its Consequences"** in **International Conference on Algebra and Applied Analysis** held at Integral University, Lucknow (U.P.), India on **August 9-11, 2018**.

Workshops/ FDP/ Short-Term Course Attended:

- Participated in the **National Seminar on Mathematical & Statistical Computing** organized by the **Department of Mathematics & Statistics, Integral University Lucknow on 4th May, 2024**.

- Participated in the **two-weeks refresher course organized by Department of Mathematics & Statistics and Human Resource Development Centre of Integral University** from **23rd September 2023 to 9th December 2023** conducted at **Integral University, Lucknow.**

- Participated in the three day virtual workshop entitled **"Data Analytics and Visualization Tools"**, Organized by Department of Mathematics & Statistics, Faculty of Science & Technology Vishwakarma University, Pune-411 048, Maharashtra, on **27-29 April, 2023** in association with TCS iON.

- Attended the five-days online FDP on **"Software Tools using Mathematical Computation"** conducted by Department of Computer Science and Engineering, Department of Mathematics on **5-9 June, 2023.**

- Short term course on "**Academic Writing using Latex**" organized by Applied Mathematics and Humanities Department, Sardar Vallabhbhai National Institute of Technology (SVNIT), Surat, India during **January 04–08, 2021.**

- Training Cum Use of *"Indian Citation Index",* Engineering Faculty Library, Jamia Millia Islamia, New Delhi, India, **31 January, 2019.**

- **"Application of MATLAB in Engineering Fields"**, Held on **January, 2016** at Al-Falah University, Faridabad, Haryana.

Computer Skills:

- MS Office
- Wolfram Mathematica
- Latex

Personal Details:

Date of Birth: 20-04-1985

Father's name: Late Athar Nabi Khan

Permanent Address: H. No. 137 B, Anta, near chowki anjan, Shahjahanpur-242001

State: Uttar Pradesh (U.P.)

Marital Status: Married

Nationality: Indian

Passport Number: V7505373 (valid form 21-04-2022 to 20-04-2032)

Religion: Islam

References:

1. **Prof. (Dr.) Chaudhary Wali Mohammad**
    Department of Applied Sciences &   Humanities
    Faculty of Engineering & Technology
    Jamia Millia Islamia, New Delhi-110025
    Email: cmohammad@jmi.ac.in

2. **Prof. (Dr.) Mohammad Idris Qureshi**
    Department of Applied Sciences &   Humanities
    Faculty of Engineering & Technology
    Jamia Millia Islamia, New Delhi-110025
    Email: miqureshi_delhi@yahoo.co.in

Declaration:

I hereby declare that the above-mentioned information is authentic to the best of my knowledge and belief.

Dated: **Dr. Mohammad Kashif Khan**