CURRICULUM VITAE

DR. FARUK SK

Ph.D. in Mathematics
Topic of Research: Fixed Point Theory

Residential address: Elahiganj, Dahapara, Murshidabad-742104, WB, India
Contact No: +917550992021
E-mail: sk.faruk.amu@gmail.com

Professional Summary:

Dedicated and accomplished Assistant Professor in Mathematics at **Netaji Subhas Engineering College, Kolkata** with a Ph.D. in Mathematics from **AMU (A Central University, NIRF rank = 9), Aligarh, India**. Demonstrated ability to create an engaging and inclusive learning environment, fostering critical thinking and independent problem-solving skills. Published researcher with a focus on fixed point theory and experience presenting at conferences.

Area of Research Interest:

- Fixed Point Theory
- Functional Analysis

Area of Teaching Interest:

Pure Mathematics
Applied /Eng. Mathematics

Teaching Engineering Mathematics to B.Tech/M.Tech students of CSE/IT/ME/ECE/AEIE etc.

Academic Qualification:

Degree	Board / University	Passing Year	Marks Obtained	Remarks
Secondary	W.B.B.S.E.	2009	74.50 %	First division
Higher Secondary	W.B.C.H.S.E.	2011	80.40 %	First division
B.Sc. (Mathematics Hons.)	Aligarh Muslim University	2014	65.00 %	First Class
M.Sc. (Mathematics)	Aligarh Muslim University	2016	74.41 %	First Class
PhD	Aligarh Muslim University	2022	NA	Awarded

Achievements:

- Qualified **CSIR-NET(JRF)** in Mathematical Sciences conducted by joint CSIR-UGC in 2017.
- Qualified **GATE** in Mathematics conducted by IIT-Roorkee in 2017.

- Qualified **IIT-JAM** in Mathematics conducted by IIT-Kanpur in 2014.

Teaching Experience: 1 year

- Working as an **Assistant Professor (Regular)** of Mathematics at **the Department of Basic Engineering Science (Mathematics), Netaji Subhas Engineering College, Kolkata** from November, 2023.
- Worked as an **Assistant Professor (Regular)** of Mathematics at the Department of Mathematics, **Haldia Institute of Technology (An Autonomous Institution)** from January, 2023 to October, 2023.

Research Experience: 6 years

- Working on various mathematical topics under the affiliation of Netaji Subhas Engineering College, Kolkata from November, 2023
- Worked under the affiliation of Haldia Institute of Technology, Haldia from Jan, 2023 to Oct, 2023
- Worked as a **Senior Research Fellow** at the Department of Mathematics, AMU, from July 2020 to Jan 2023 in the broad field of Functional Analysis.
- Worked as a **Junior Research Fellow** at the Department of Mathematics, AMU, from December 2017 to June 2020.

Publications: SCI with SCOPUS = 6 ; SCOPUS ONLY = 1 ; ESCI ONLY = 2

1. Q. H. Khan and **F. Sk***, *Fixed point results for comparable Kannan and Chatterjea type mappings*, Journal of Mathematical Analysis, Vol. 12 (2021), (**ESCI)**

2. Q. H. Khan and **F. Sk***, *Some coincidence point theorems for Presic-Ciric Type contractions*, Nonlinear Functional Analysis and Applications, Vol. 26 (5), 2021 (**SCOPUS**)
3. **F. Sk*,** A. Hossain and Q. H. Khan, *Relation-theoretic metrical coincidence theorems under weakly C-contraction and Kannan contraction*, AIMS Mathematics, Vol. 6 (12) 2021. (**SCIE**)
4. **F. Sk***, F. A. Khan, Q. H. Khan and A. Alam, *Relation-preserving generalized nonlinear contractions and related fixed point theorems*, AIMS Mathematics, Vol. 7 (4), 2022. (**SCIE**)
5. A. Alam, **F. Sk*** and Q. H. Khan, *Discussion on generalized Nonlinear contractions*, U.P.B. Sci., Bull., series. A, Vol. 84 (2), 2022. (**SCI, SCOPUS**)
6. **F. Sk***, F. A. Khan and Q. H. Khan, *Relation Theoretic coupled fixed point*, Journal of Mathematical Analysis, Vol. 13 (3), 2022 (**ESCI**)
7. **F. Sk***, M. A. O. Tom, Q. H. Khan and F. A. Khan, On Preši´c-Ciri´c type ´ α-ψ contractions with an application, Symmetry, Vol. 14 (6), 2022. (**SCIE, SCOPUS)**
8. F. A. Khan, **F. Sk***, M. G. Alshehri, Q. H. Khan and A. Alam, Relational Meir-Keeler Contraction and Related Fixed Point Theorems, Journal of Function Spaces, Vol. 2022, Article ID: 3550923 (**SCIE, SCOPUS**)

9. A. Hossain, F. Sk and Q. H. Khan, Multivalued Suzuki-generalized Ciric Type Nonlinear Contractions with an Application to Fractal Space, FILOMAT, Accepted, in press. **(SCI)**

10. **F. Sk**, A, Alam* and Q. H. Khan, Meir-Keeler contractions under a class of transitive binary relation, Fixed point theory, Under review. (**SCIE, SCOPUS)**

* corresponding author

Conferences/Seminars:

- **Presented a paper** at the "International Conference on Mathematical Analysis and Its Application", Organized by the Department of Mathematics, South Asian University, December 14-16, 2019.
- **Attended** "International Conference on Algebra and Its Applications", Organized by the Department of Mathematics, AMU, December 17-19, 2019.
- Delivered a **contributed talk** at "International Conference on Soft Computing, Optimizations Theory and Applications", BITS Mesra, March 26-27, 2021.
- Delivered a **contributed talk** at "International Conference on Analysis and Its Applications", Nepal Mathematical Society, April 9-11, 2021.

Advanced Training:

- Participated in **AFS-I** held at IISER Bhopal organized by IIT Bombay and TIFR, Mumbai, from December 03-29, 2018.
- Attended a workshop on Functional Analysis & Numerical Analysis organized by NIT Trichy, April 5-9, 2021

Computer Skills:

- Completed a certificate course (CITA) on Computers
- Have working experience with Latex, Microsoft office etc.

Personal Details:

Date of Birth – 7th May, 1994
Gender – Male
Father's Name – Rohed Ali
Marital status – Unmarried
Languages Known – Bengali, English, Hindi

I hereby declare that the information mentioned above is correct to my knowledge & I bear the responsibility for the correctness of the particulars mentioned above.

Signature