Dr. Raghvendra Singh

E-Mail: *10singh.raghvendra@gmail.com*

CAREER OBJECTIVE

Seeking a challenging and rewarding opportunity in Finance which is more inline with my area of interest and which effectively utilizes my excellent analytical and technical skills through my diligent and "never say die" approach supported by keenness and will power of learning.

ACADEMIA

- Ph.D.(Mathematics) Thesis is Awarded on 09/10/2020 to Vikram University Ujjain (MP)(with 74%).
- M.Phil.(Mathematics) in 2009 From Bundelkhand University, Jhansi (with 78.27 %).

  Specialization: – Mathematics

- Master of Science in 2007 from Bundelkhand University Jhansi (with 66.2%)
- Bachelor of Science in 2005 from C.S.J.M.University Kanpur (with 58.44%).
- Higher Secondary in 2002 from S.M.L.K.V.M.Kanpur (U.P. Board) (with 58.6%).
- Matriculation in 2000 from N.L.K.V.M.Kanpur (U.P. Board) (with 62.5%).

CAREER SNAPSHOT

An effective planner with a flair for working hard and contributing towards achievement of organizational goals. A strong communicator with the ability to interact effectively with people at all levels. Team player with a flexible and detail oriented attitude.

Professional Experience -

1. Organisation – Indus Institute of Technology & Management Kanpur Since 2018-till now.
   Designation- Assistant Professor
2. Organisation – Babu Ram Rukmani Devi Mahavidyalaya, Musanagar, Kanpur Dehat Since 2011-2013
   Designation- Assistant Professor
3. Organisation – Dayanand Dinanath Institute of Technology, Unnao Since 2008-2009
   Designation- Assistant Professor
4. Organisation- Boon Mathematics Academy
   Duration: 5 year Designation Coordinators.

Area of Interest:

- Numerical Analysis
- Differential Equation
- Numerical solution of Fractional Partial Differential Equation
- Function of Complex Variable
- Numerical Methods for PDE's
- Statistical Techniques

Research Paper Publication-

1. Linear and Non Linear Principal Component Analysis, Paper Published in "International Journal of Information Technology and Electrical Engineering" Volume 5, Issue 5, PP16-21, October 2016.

2. Image Denoising using BM3D and Principal Component Analysis, Paper Published in "International Journal of Information Technology and Electrical Engineering" Volume 5(2), PP 01-07, April 2016.

3. Neural Networks In Mathematical Model With A Derivation Of Fourth Order Runge Kutta Method, Paper Published in "IOSR Journal of Mathematics (IOSR-JM)" Volume 12, Issue 2 Ver. I, PP 01-08, Mar. - Apr. 2016.

4. Image Denoising using Multilayered Feed-Forward Artificial Neural Network Model "International Journal of Information Technology and Electrical Engineering" Volume 5(2), PP 16-20, April 2016.

5. Relevance of Mathematical Models in Neural Networks, Paper Published in "International Journal of Engineering Technology, Management and Applied Sciences" Volume 4, Issue 9, PP 197-205, September 2016.

6. Hopfield Model of a Neuron Dynamics under External Stimulus, Paper Published in

"International Journal of Engineering Technology Science and Research" Volume 3, Issue 9, PP 06-12, September 2016.

7. Study and Properties of Orthogonal Neural Network Paper Published in "MANTECH Publication" Volume 4, No 1 PP 08-10 February 2019.

Conferences / Seminar -

Topic	International Conference in Paper Present	year
Participated	National Seminar Mathematics on "Mathematics & its Application to Industries" Department of Mathematics D.B.S.(P.G.) College,Kanpur(U.P.)-208006	Jan.31 and Feb.01,2009
Neuron Dynamics Under External Stimulus	National Seminar on "Recent Advance in Mathematics & its Applications" Department of Mathematics Brahmanand College, The Mall, Kanpur	February 12,2011
Prof.P.N.Tandon Memorial week-end Lecturer Series	Lecturer Series Department of Mathematics "Modeling and Computing" Harcourt Butler Technological Institute, Kanpur	Feb .18-March 18,2012
Hopfield Model of a Neuron Dynamics under External Stimulus	Presented the Paper in "5th International Conference on Innovative Research in Engineering Science and Management (ICIRESM-16)" at India International Centre, Max Mueller Marg, New Delhi, Delhi, India	4th September 2016
Linear and Non Linear Principle Component Analysis	Presented the Paper in "3rd International Conference on Recent Innovation in Science, Technology and Management (ICRISTM-16)"at Indian Federation of United Nations Associations (IFUNA) C-6, Qutab Institutional Area, New Delhi, India	18th September 2016
Relevance of Mathematical Models in Neural Networks	Presented the Paper in "4th International Conference on Recent Innovation in Science, Technology and Management (ICRISTM-16)" at Indian Federation of United Nations Associations (IFUNA) C-6, Qutab Institutional Area, New Delhi, India	1st October 2016
Universal Human Values and Professional Ethics	Dr. A.P.J. Abdul Kalam Technical University (TEQIP-III)	13th to 20th January 2019
MATLAB tools and their application in engineering	One week faculty development program conducted by REC, Kannuj (TEQIP-III)	16th to 20th July 2019

FINAL RESEARCH PROJECT

Neural Networks- Neuron Dynamics Under Extimulus Stimulus.
A Study On Neural Network With Mathematical Modeling.

IT SKILLS

Application Software: MS-Office, MS-World, CCC Certificate from NILET.

EXTRA CURRICULAR ACTIVITIES AND ACHIEVEMENTS

- Actively participated in blind free zone organized by the institute.

- Sports' certificates in college and school levels.

HOBBIES AND INTEREST

Listening to music, Teaching

Personal Profile

Father's name	:	Mr. Rajendra Singh
Date of Birth	:	29th oct. 1987
Marital status	:	Married
Nationality	:	Indian
Language Proficiency	:	English & Hindi
Permanent Address	:	Raghvendra Singh, 152 Agnihotra Nagar Makadi Kheida Nawabganj, Kanpur - 208002 U.P.
Contact number	:	**7379630291, 9839161165**

Signature of Candidate