

Resume



Personal Details:

Name : **Dr. Rajesh Kumar Tiwary**

Subject : **Mathematics**

Father's Name : **Late Jag Narayan Tiwary**

Mother's Name : **Late Ram Sawaro Devi**

Date of Birth : **03/11/1964**

Permanent Address : **At + PO – Chandawa**
Thana – Nawada
Dist – Ara
State – Bihar

Present Address : **Sector – 1/B, Q. No. – 1799**
Post Office – Sector 12,
Police Station – City Thana, Sector -1, B.S. City,
Bokaro
Bokaro Steel City - 827001
State – Jharkhand

Mobile No. : **9471155760**

Email ID : **rk5671417@gmail.com**

Date of Appointment as per the provision of relevant statute : **Memo No. – V. B. U./153486 – 153516/96, dated 08th November 1996**

Name of Recommending body of Appointment : **Bihar State University (Constituent Colleges)**
Service Commission, Patna (Bihar)

Date of Joining : **19/11/1996**

Place of Joining (College Name) : **Bokaro Steel City College, Bokaro**
(Constituent Unit of V. B. U. Hazaribag)

Date of Confirmation : 19/11/1996

Designation at the time of Joining : Assistant Professor (Lecturer)

Date of Promotion with Designation as Senior lecturer : 19/11/2000 (On the Recommendation of J.P.S.C. Ranchi)

Date of Promotion with Designation as Associate Professor : 19/11/2008

Teaching Experiences : (i) From 19/11/1996 to 10/09/2019 in B.S. City College, Bokaro (B.B.M.K.U. Dhanbad)
(ii) From 11/09/2019 to 24/01/2024, H.O.D. of University Department of Mathematics, B.B.M.K.U. Dhanbad
(iii) Total Teaching Experience – 27 yrs, Two months, and five days.

Holding the Post of C.C.D.C (Co-ordinator of College Development Council) : From 25/01/2024 to till now.

Academic Qualification (Matriculation onwards):

Sl. No.	Examination Passed	Board/University	Year of Passing	Result	% of Marks
1.	Matriculation	B.S.E.B. Patna (Bihar)	1980	1 st Div.	65%
2.	I. Sc.	Magadh University, Bodh Gaya	1982	2 nd Div.	58.2%
3.	B. Sc. (Maths Hons)	Magadh University, Bodh Gaya	1985	2 nd Div.	56%
4.	M. Sc. (Maths Hons)	Magadh University, Bodh Gaya	1988	1 st Div.	63%
5.	Ph.D.	Magadh University, Bodh Gaya	1992	Pass	

Date of Ph.D. Award : 24/09/1992 (24th September 1992)

List of Research Paper/Article Publications:

Sl. No.	Year	Particular of Publications
1	1990	Tiwary R.K and Singh R. Mathematical Society, B.H.U. Vol. 6 (1990)
2	1994	Singh R. and Tiwary R.K, V.P.A.P. Vol.37, No. 4, 236-246, (1994)
3	1994	Tiwary R.K and Singh R., The Mathematics Education, XXVIII, (3), 130-134, (1994)

4	1995	Tiwary R.K and Singh R., V.P.A.P., Vol. 38, No. 03, 170-183, (1995)
5	1995	Tiwary R.K and Singh R., V.P.A.P., Vol. 38, No. 04, 262-266, (1995)
6	1995	Tiwary R.K and Singh R., V.P.A.P., Vol. 38, No. 04, 304-308, (1995)
7	2002	Tiwary R.K and Singh R., A.R.J.P.S., Vol. 5, No. 1-2, 49-56, (2001)
8	2020	Tiwary R.K and Surbhi K., Multiple Objective decision-making criteria in crop production with the help of network diagram (PERT and CPM) , International Journal of Modern Agriculture, 9(4), 689-693, (2020)
9	2021	Surbhi K. and Tiwari R.K., Goal Programming Techniques for the selection of optimal syllabus to improve Education System , International Journal of Research in Engineering Science and Management, 4(1), 137-138, (2021)
10	2021	Surbhi K. and Tiwari R.K., Lexicographic Goal Programming approach for time management in food making industry for large projects with the help of MOST , Vidhya Bharti International Interdisciplinary Research Journal (Special Issue) Part – 9, 1340-1345, (2021)
11	2022	Surbhi K. and Tiwari R.K., Weighted Goal Programming Approach to Minimize the Emission of Carbon Dioxide from Thermal Power Industries , Telematique, 3027-3033, (2022)
12	2023	Tiwari R.K, and Surbhi K. Fuzzy Goal Programming to minimize transportation cost of agriculture products from farmer to FCI , ZENITH International Journal of Multidisciplinary Research, ISSN: 2231-5780, Vol. 13(08), Impact Factor: 7.188, Online available at www.zenithresearch.org.in Email: editor@zenithresearch.org.in
13	2024	M.K. Sinha and R.K. Tiwari “ Application of adaptive neuro-fuzzy inference system (ANFIS) for optimizing nano-biochar application in soil remediation projects in Chas ”, in Journal of Communication in Mathematics and Applications. e-ISSN: 0975-8607, p-ISSN: 0976-5905, Vol.15, No. 5, 2024
14	2024	Sinha M.K. and Tiwary R.K. “ Utilizing Fuzzy Logic in Precision Agriculture: Techniques for Disease Detection and Management ”, in Journal of Statistics and Mathematical Engineering. e-ISSN: 2581-7647, Vol. 10, Issue 1 (January – April, 2024) pp: (35-40), DOI: https://doi.org/10.46610/JOSME.2024.v10i01.005
15	2024	Sinha M.K. and Tiwary R.K. “ A Comprehensive Survey of Fuzzy Logic Utilization in Different Agricultural Sectors ”, in Journal of Statistics and Mathematical Engineering. e-ISSN: 2581-7647, Vol. 10, Issue 1 (January – April, 2024) pp: (1-7) DOI: https://doi.org/10.46610/JOSME.2024.v10i01.001

List of Book Published:

Sl. No.	Title of the Book	Whether Sole or Co-Author	Publisher (With City Country) and Year of publication	Book-Code and ISBN No.
1	Mathematical and Computational thinking and Analysis for B.A, B.Com, B.Sc. Semester – I (SEC)	Co-Author	SBPD- Publications, Agra, 282002, (India), 2023	Book Code – 2708 ISBN: 978-81-960927-5-7
2	Mathematical and Computational thinking and Analysis for B.A, B.Com, B.Sc. Semester – II (SEC)	Co-Author	SBPD- Publications, Agra, 282002, (India), 2023	Book Code – 2188 ISBN: 978-81-19148-37-0
3	Mathematical and Computational thinking and Analysis for B.A, B.Com, B.Sc. Semester – III (SEC)	Co-Author	SBPD- Publications, Agra, 282002, (India), 2023	Book Code – 2709 ISBN: 978-81-960927-6-4

Conference(s):

1. Six Annual Conference of the **Mathematical Society Banaras Hindu University**, 20th November to 1st December 1990.
2. National Conference on **Recent Trends in Mathematics and their Applications**, University Department of Mathematics, V.B.U. Hazaribag on 21st to 22nd December 2012.
3. Mr. Mukesh Kumar Sinha and Dr. Rajesh Kumar Tiwary **“Implementation of Fuzzy Modelling Framework to Enhance Agricultural Diagnosis by Offering a Nuanced Understanding of Complex Farming Systems”** Multidisciplinary National Seminar on “Globalization, Entrepreneurship and Emerging Trends of New Aspects of Higher Education in India” Organised by St. Columba’s College, Hazaribagh (VBU) on 4th & 5th April, 2024.
4. Mr. Mukesh Kumar Sinha and Dr. Rajesh Kumar Tiwary **“A Comprehensive Survey of Fuzzy Logic Utilization in Different Agricultural Sectors”** Multidisciplinary National Seminar on “Global Development in Multidisciplinary Academic Research 2024” Organised by Annada College, Hazaribagh (VBU) on 2nd & 3rd February, 2024.
5. Mr. Mukesh Kumar Sinha and Dr. Rajesh Kumar Tiwary, **“Use of Artificial Intelligence for Agriculture Crop Management in Fuzzy Logic”** Proceedings of 2nd National Conference on Recent Trends of Engineering, Science and Management, “Industry 5.0: Towards a Human-Centric, Resilient, Digital Twins & Transformative Vision” Organised by GGSESTC, Bokaro in Association with JUT, Ranchi on 3rd & 4th November, 2023. ISBN: 978-81-956864-1-4.

6. Dr. Rajesh Kumar Tiwary and Mukesh Kumar Sinha "Development of a Novel Model for Squaring Numbers Ending with 5, 25 and 75" Proceedings of 1st National Conference on Recent Trends of Engineering, Science and Management, "Technology Transformation for Growth and Sustainability" Organised by GGSESTC, Bokaro in Association with JUT, Ranchi on 22- 23 April, 2022. ISBN: 4483|ISBN|2022|P.

Details of Orientation/Refresher Courses:

1. Orientation Programme : (A.S.C.R.U., Ranchi), 24th February 1999.
2. Refresher Course : (U.G.C., A.S.C., Patna University, Patna), 20th April 2003.
3. Refresher Course : (A.S.C.R.U., Ranchi), 14th June 2005.
Seminar : Seminar on dated 28/08/2008 to 29/08/2008
B.S. City College, Bokaro.

Ph.D. awarded under the supervision: 01 (One)

Ph.D. pursuing under the supervision: 05 (Five)

Declaration:

I hereby declare that all the information given above is true to my knowledge.

Place: *Shankad*

Date: *10.02.2025*


(Dr. Rajesh Kumar Tiwary)