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Designation: Assistant Professor

College: Mahatma Gandhi Post
Graduate College, Gorakhpur

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Date of Joining: 26 May 2017

Qualifications: B. Sc., M. Sc. (Maths.), Ph.D. (Ram Manohar Lohia University, Ajothya).

Area of Interest/Specialization: Mathematical Modeling, Operation Research

Experience:

- (1) Assistant Professor (Deptt. of Maths., A N D K Post Graduate College, Babhnan, Gonda) 1997 to 25 May 2017.
- (2) Assistant Professor (Deptt. of Maths., Mahatma Gandhi P. G. College Gorakhpur) 26 May 2017 to till date.

Peer Reviewed Publication

- (1) S. S. Mishra and **R. N. Shukla**, Some Important Theorem on Multivariate Bernoulli Polynomial of second kind, Vijyanan Parishad Anusandhan Patrika 38(3) 1995.
- (2) S. S. Mishra and **R. N. Shukla**, A certain Properties of Multivariate Bernoulli Polynomial of Second Kind Vijyanan Parishad Anusandhan Patrika 37(2) 1994.
- (3) R. K. Tiwari and **R. N. Shukla**, Certain extension Formula and Particular Vijyanan Parishad Anusandhan Patrika 38(2) 1995.
- (4) **R. N. Shukla** and A. Rai, A Comparative study between experimental and numerical value of sub harmonic acoustic resonances IJSR 11(5), (2022)
- (5) **R. N. Shukla**, Analysis of dengue disease by Mathematical model, International Journal of Statistics and Mathematics 4(6), 108-110.
- (6) **R. N. Shukla**, A study of Mathematical Model of Tumor Growth by Multicellular 4(6) 2019, 32-36.
- (7) **R. N. Shukla** and A. Rai: A Mathematical Formulations for Control the Transmission of Dengue disease IJMCR, 10(6), (2022), 2731-2743.
- (8) **R. N. Shukla** and A. Rai: Study of Numerical Data of Japanese Encephalitis, IJCSPUB, 3(12), 2022.

Recent Books/Book Chapters/Monographs etc.

1. **R. N. Shukla** and Others, A text book of Differential Equation, Discount publication, 2021-22
2. **R. N. Shukla** and Others, A text book of Geometry, Discount Publication, 2021-22
3. **R. N. Shukla** and Others, A text book of Advance Calculus, Vandana Publication, 2020
4. **R. N. Shukla** and Others, A text book of Algebra and Trigonometry, Krishna Publication Media (P) Ltd Meerut 2019
5. **R. N. Shukla** and Others, A text book of Analytical Geometry, Krishna Publication, 2019
6. **R. N. Shukla** and Others, A text book of Mechanics, Krishna Publication, **2018**
7. **R. N. Shukla** and Others, A text book of Differential Calculus, Ankita Publication, 2021
8. **R. N. Shukla** and Others, A text book of Algebra, Vandana Publication, 2022
9. **R. N. Shukla** and Others, A text book of Matrices and Differential Equation, Vandana Publication, 2022
10. **R. N. Shukla** and Others, A text book of Algebra, Discount Publication, 2021-22
11. **R. N. Shukla** and Others, A text book of Mathematical Method, Discount Publication, 2021-22.
12. **R. N. Shukla** and Others, A text book of Matrices and Differential Equation, Discount Publication, 2021-22
13. **R. N. Shukla** and Others, A text book of Algebra and Complex Analysis, Krishna Publication Media (P) Ltd Meerut 2013
14. **R. N. Shukla** and Others, A text book of Geometry and Vector Calculus, Krishna Publication, **2012-13.**
15. **R. N. Shukla** and Others, A text book of Calculus, Krishna Publication, 2016
16. **R. N. Shukla** and Others, A text book of Abstract Algebra, Krishna Publication, 2018
17. **R. N. Shukla** and Others, A text book of Metric Space, Krishna Publication, 2018
18. **R. N. Shukla** and Others, A text book of Statics and Dynamics, Krishna Publication, 2018
19. **R. N. Shukla** and Others, A text book of Dynamics, Vandana Publication, 2013-14
20. **R. N. Shukla** and Others, A text book of Real Analysis, Vandana Publication, 2013-14
21. **R. N. Shukla** and Others, A text book of Linear Algebra and Matrices, Vandana Publication, 2013-14
22. **R. N. Shukla** and Others, A text book of Algebra and Trigonometry, Vandana Publication, 2012-13
23. **R. N. Shukla** and Others, A text book of Vector Analysis and Geometry, Students Friends and Company Publication 2013-14

24. **R. N. Shukla** and Others, A text book of Differential Geometry and Tensor Analysis, Vandana Publication 2013-14

Administrative Responsibilities

- (1) N. S. S. Programme officer 06-10-2018 to till date
- (2) Members of Proctorial Board 2018 to till date
- (3) Members of admission Committee 2018 to till date

Paper Presented in the Conferences:

- (1) Conference on mathematics for industrial development march 21-24, 1994, Department of mathematics, Institute of Basic Science, Khnadari Agra 02-08-2National conference on “Analysis and its Application” held on 19-21 march 2009, organized by Department of Mathematics Faculty of Science B.H.U. Varanasi.
- (2) Session Chaired in the “International conference on Computer Science and InformationTechnology” held at Bhopal on 3rd march 2012.

Conferences attended:

1. The service interruption in M/G/M queuing system with Alternating Random Environment , National Conference, March 21-24, 1994 Department of Mathematics, Institute of Basice Science Khandari Agra, 282002
2. Utilization of Vacation time in M^x/G11 queuing system with control policies, National Conference Nov 09-10-2002, Department of Mathematics, University of Allahabad.
3. A note on customer Delay in M/G/O Repair System with spares, National Conference Nov, 23-24, 2002, Department of Mathematics and Astronomy, Lucknow University.

Languages Known: Hindi, English.

Others:

- (1) Member of Selection committee in M. S. B. Allahabad
- (2) Ass. Sup. In JRF/ NET Exam date 29-12-1996 in Dr. R. M. L. Awadh University in Physics Department.
- (3) Centre Sup. Of Exam in Raja Raghuraj Singh Degree College in 2010, Mankapur, Gonda
- (4) Centre Sup. Of Exam in Mohar Singh Degree College in 2013, Mankapur, Gonda

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