

# CURRICULUM VITAE

## **DR. BRIJESH PRATAP SINGH**

Assistant Professor Department of  
Mathematics

Raja Harpal Singh Mahavidyalaya  
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## **PERMANENT ADDRESS**

Kamla Niwas  
Near Malti Inter College  
Shivjipuram, Pratapgrah- 230131  
Uttar Pradesh

## **PERSONAL DETAILS**

Name : Dr. Brijesh Pratap Singh  
Father's Name : Shri Virendra Bhadur Singh  
Date of Birth : 26<sup>th</sup> January, 1977  
Gender : Male  
Nationality : Indian  
Category : General  
Marital Status : Married

## **EDUCATIONAL DEGREES**

PhD : Veer Bhadur Singh Purvanchal University, Jaunpur,  
2002.  
: Thesis –“Certain Investigation in the Field of 'q'  
Series”.

M.Sc. : Ch. Charan Singh University Meerut, 1998.  
B.Sc. : Ch. Charan Singh University Meerut, 1996.  
Higher Secondary : S.S.D. Boys Inter College, Meerut, (U.P. Board), 1993  
Secondary : Meerut Public School, Meerut, (C.B.S.E. Board), 1991

## **FIELD OF RESEARCH INTEREST**

Special Function, Operation Research and Algebra.

## **PRESENT POSITION**

Assistant Professor, Department of Mathematics Raja HarpalSingh Mahavidyalaya Singramau, Jaunpur (Oct. 2004).

## **WORKSHOP/COURSE ATTENDED**

- "Thoughts of Mathematics Education", sponsored by DST and organized by Department of Mathematics T.D.P.G. College, Jaunpur, Nov. 2-6, 2014.
- "Treasures of Great Indian Mathematician Srinivasa Ramanujan", sponsored by DST and organized by Department of Mathematics T.D.P.G. College, Jaunpur, Nov. 3-7, 2016.
- "Induction Training Programme", sponsored by PMMMMNMTT and organized by Hemvati Nandan Bahuguna Garwal University Srinagar, Uttarakhand, 15 May- 13 June, 2019.
- "Research Methodology and Environment-Sustainable Development", sponsored by RUSA and organized by Meerut College Meerut, 27 Dec. 2019- 2 Jan. 2020.
- "Managing Online Classes and Co-creating Moocs", sponsored by PMMMMNMTT and organized by Teaching Learning Centre, Ramanujan College, University of Delhi, 20 April- 06 May, 2020.
- "Intellectual Property Rights", sponsored by CIPAM and DPIIT Ministry of Commerce and Industry and organized by School of Education Sharda University, Noida U.P., 11 May - 15 May, 2020.
- "Empowering Effective Scientific Research by Harnessing the Power of Web of Science and Managing References using Endnote", sponsored by PMMMMNMTT and organized by Guru Nanak Dev University, Amritsar, Punjab, 20 May 2020.

- "Research Tool Preparation", sponsored by PMMMMNMTT and organized by Guru Nanak Dev University Amritsar, Punjab 16 Oct. -29 Oct. 2020.

## **LIST OF PUBLICATIONS**

### **JOURNAL PAPERS**

- R.P. Singh, **B.P. Singh** and Sudhir Chauhan (2002), "Certain Transformation formulae for 'q' Series", Journal by Rajasthan Academic of Physical Science, ISSN 0972-6306, Vol. 1.
- R.P. Singh, **B.P. Singh** and Sudhir Chauhan (2002), "On Certain Transformation and Summation formula for Poly-Basic Hypergeometric Series", Ganita ISSN 0046-5402, Vol. 53 pp. 61-79.
- **Dr. Brijesh Pratap Singh** (2014), "CERTAIN TRANSFORMATION AND SUMMATION OF BASIC HYPERGEOMETRIC SERIES" International Journal of Engineering, Science and Mathematics (IJESM), Volume 3, Issue 1 ISSN: 2320-0294 pp 112-119.
- **Dr. Brijesh Pratap Singh** (2015), "A STUDY ON HYPERGEOMETRIC FUNCTION" International Journal in Physical & Applied Sciences (IJPAS), Vol.02 Issue-06, ISSN: 2394-5710 pp 63-68.
- **Dr. Brijesh Pratap Singh** (2016), "On a New Summation Formula for  $2\psi_2$  Basic Bilateral Hypergeometric Series and Its Applications" International Journal of Engineering and Scientific Research (IJESR), Volume 4, Issue 4 ISSN: 2347-6532, pp 158-165.
- **Dr. Brijesh Pratap Singh** (2017), "ON TRANSFORMATION OF CERTAIN BILATERAL BASIC HYPERGEOMETRIC SERIES AND THEIR APPLICATIONS" International Journal of Engineering, Science and Mathematics, Vol. 6 Issue 2, ISSN: 2320-0294 pp 192-205.
- **Dr. Brijesh Pratap Singh** (2018), "Certain Transformations and Summations of Basic Hypergeometric Series". Research Directions ISSN 2321-5488, Vol. 8/ Issue 2, pp. 166-172.

- **Dr. Brijesh Pratap Singh** (2019), "Certain Transformation formula for  $q$ -Hypergeometric Series", International Journal of Mathematics Trends and Technology (IJMTT), ISSN 2231-5373, Vol. 65, pp. 138-141.
- **Dr. Brijesh Pratap Singh** (2020), "Certain Transformation formula for Basic Hypergeometric Series", International Journal of Mathematics and its Application (IJMAA), ISSN 2347-1557, Vol. 8(4), pp. 55-57.
- **Dr. Brijesh Pratap Singh** (2020), "A Study of Poly Basic Hypergeometric Function and Their Applications", International Journal of Engineering, Science and Mathematics (IJESM), ISSN 2320-0294, Vol. 9(11), pp. 40- 46.
- **Dr. Brijesh Pratap Singh** (2021), "Some Certain Summation formula of  $Q$ -Series and  $Q$ -Continued fractions", International Journal of Engineering, Science and Mathematics (IJESM), ISSN 2320-0294, Vol. 10(3), pp. 24-27.
- **Dr. Brijesh Pratap Singh** (2021), "Certain Transformation and Summation Formula for Poly-Basic Hypergeometric Series", Wesleyan Journal of Research, ISSN 0975-1386, Vol. 14, pp. 78-92.
- **Dr. Brijesh Pratap Singh** (2021), "Certain Transformation and Summation formulae for Poly-Basic Hypergeometric Series", International Journal of Science and Research (IJSR), ISSN 2319-7064, Vol. 10(8), pp. 1023-1028.
- **Dr. Brijesh Pratap Singh** (2021). "Reduction Formulae Associated with Whitaker Function", International Journal in Physical and Applied Sciences (IJPAS), 2394-5710, Vol.8(10), pp. 10-15.
- **Dr. Brijesh Pratap Singh** (2021), "Certain Transformation and Summation Formula for Poly-Basic Hypergeometric Series", International Journal of Research and Mathematical Reviews (IJRAR), ISSN 2348-5138, Vol. 8(4). pp. 807- 815.
- **Dr. Brijesh Pratap Singh** (2021), "Some quadratic Transformation and Reduction Formulas Associated with Hypergeometric Functions, Strad Research, ISSN 0039- 2049, Vol. 8(11), pp. 7-16.
- **Dr. Brijesh Pratap Singh** (2021), "On Certain Transformation of Poly-Basic Bilateral Hypergeometric Series", International Journal of Science and Research (IJSR), ISSN 2319-7064, Vol. 10(11), pp.

103-105.

- Dr. Rajeev Kumar Singh and **Dr. Brijesh Pratap Singh**, (2022) “Study on Connections and Vector Fields in Kaehlerian Spaces” International Journal of Research and Analytical Reviews (IJRAR), E-ISSN 2348-1269, P- ISSN 2349-5138, pp722-731.
- **Dr. Brijesh Pratap Singh** and Dr. Rajeev Kumar Singh, (2022), “Certain Transformation Formulae for Poly-Basic Hypergeometric Series” International Journal of Scientific Development and Research (IJS DR), ISSN: 2455-2631, Volume 7 Issue 10 pp 693-696.
- Dr. Rajeev Kumar Singh and **Dr. Brijesh Pratap Singh**, (2022) “A Study on Manifold Kaehlerian Space” International Journal of mathematics and computer Research, ISSN 2320-7167 Volume 10 Issue 11, pp 2953-2955.
- **Dr. Brijesh Pratap Singh** and Dr. Rajeev Kumar Singh, (2022) “CERTAIN TRANSFORMATION BASIC AND POLY-BASIC HYPERGEOMETRIC SERIES” International Journal of Mathematical Archive-13(10), 2022, 1-6

### **PUBLICATIONS OTHERS THAN RESEARCH PAPERS**

- Integral Calculus, ISBN 978-93-81054-20-8, Neelkamal Prakashan Gorakhpur (2012) with 3 Co-authors.
- Calculus, ISBN978-81-925063-1-9, Vandana Prakashan Gorakhpur (2012) with 5 Co-authors.
- Algebra and Trigonometry, ISBN 978-81-925063-0-3 Vandana Prakashan (2014-15) with 5 Co-authors.

- Linear Algebra and Matrices, ISBN 978-81-925063-3-3 Vandana Prakashan (2015-16) with 4 Co-authors.
- Real Analysis, ISBN 978-81-627601-0-0, Vandana Prakashan (2015-16) with 3 Co-authors.
- Numerical Analysis and Programming in 'C', ISBN 978-81- 8283-311-1, Krishna Prakashan Meerut (2015-16) with 4-Co-authors.
- Differential Calculus, ISBN 978-93-91152-06-2, KrishnaPrakashan Meerut (2021) with 3 Co-authors.
- Vedic Mathematics, ISBN 978-93-82398-73-8, R.R. Publications Delhi (2021).
- Fundamental of Mathematics, ISBN 978-93-90847-32-7, Kripa Drishti Publications Pune (2021).

### **CHAPTERS IN EDITED BOOKS**

- 21वीं सदी में गाँधीजी का सांख्यिकता "Gandhi Ji and Simplicity", ISBN 978-81-92222-7-5-2 (2012), Pratyush Publications Gaziabad.
- Engineering Mechanics, "Applications of Fuzzy Logic : An Overview", ISBN 978-93-90847-16 (2021), Kripa Drishti Publications Pune.

### **THESIS GUIDED**

Ph.D. Thesis- Mohan Lal Gupta, "Rank 3 Permutation Characters and Maximal Subgroup", 2016.

### **LIST OF PAPERS PRESENTATION IN SEMINARS/CONFERENCES**

- Dr. Brijesh Pratap Singh (2011), "Gandhi ji and Simplicity", National Seminar on Mahatma Gandhi-Relevance in 21<sup>st</sup> Century sponsored by UGC Delhi.

- Dr. Brijesh Pratap Singh (2014), "Certain Transformation Formulae for Basic Hypergeometric Series", National Conference on Recent Developments in Special Functions and their Applications organized by Ramanujan Society of Mathematics and Mathematical Sciences.
- Dr. Brijesh Pratap Singh (2014), "Mahamana Malviya Ji- The Father of Engineering in India", National Seminar on the thought is of Madan Mohan Malviya and its Relevance in Present Scenario, sponsored by UGC Delhi.
- Dr. Brijesh Pratap Singh (2015), "On Certain Transformation Formulae for q-Hypergeometric Series", National conference by the Mathematical Society Banaras Hindu University on Mathematics Analysis and Application.
- Dr. Brijesh Pratap Singh (2016), "Certain Transformation Formula for Basic Hypergeometric Series, National Conference on Decent Trends of Research in Mathematics and its Applications in Diverse Fields, organized by Ramanujan Society of Mathematics and Mathematical Sciences.
- Dr. Brijesh Pratap Singh (2017), "Certain Transformation Formula for Basic Hypergeometric Series", National Conference on Ramanujan: A Goddess Gifted Mathematician, sponsored by CSIR and organized by Ramanujan Society of Mathematics and Mathematical Sciences.
- Dr. Brijesh Pratap Singh (2018), "Certain Transformation Formula for Ordinary Hypergeometric Series", National Conference of the Mathematical Society, BHU on Recent Advances in Mathematical Society BHU on Recent Advances in Mathematical Modeling and Analysis organized by Department of Mathematics, Institute of Science, BanarasHindu University, Varanasi.
- Dr. Brijesh Pratap Singh (2019), "Certain Transformation Formula for Poly-Basic Hypergeometric Series", National Conference on Number theory, Special functions and their Applications in Computer Science, sponsored by DST and CSIR and organized by Ramanujan Society of Mathematics and Mathematical Sciences.

## **ADMINISTRATIVE EXPERIENCE**

- Member of Disciplinary Committee form 2008.
- Member of Admission Committee from 2008.
- Co-ordinator of Admission Committee from 2021 to till date.
- Member of National Assessment and Accreditation Council (NAAC) from 2011 to till date.
- Member of Internal Quality Assurance Cell (IQAC) from 2011 to till date.
- Member of Examination Committee from 2011 to 2014 and 2019 to 2020.
- Member of Anti Ragging Committee from 2014 to 2015.
- Programme Officer of National Services Scheme (NSS) from 2019 to till date.
- Dean Faculty of Science from 2021 to till date.
- College Officer for All India Survey on Higher Education (AISHE) from Jan 2022 to till date.

## **AWARDS**

Awarded as the Primary Evaluator in 'Toycathon' 2021 from the Ministry of Education's Innovation Cell.