

CURRICULUM VITAE

Dr. Ashish Verma, Assistant Professor
Department of Mathematics
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Research Intreset: Special Functions, Special Matrix Functions, Quantum Calculus.

Education

2002	High School, U.P. Board
2004	Inter Mediate, U. P. Board
2007	B.Sc., University of Lucknow, Lucknow
2009	M.Sc., Mathematics (Gold Medalists), University of Lucknow,
2012	CSIR-NET, GATE
2016	Ph.D., Mathematics University of Lucknow, Lucknow

Scholarships and Honors

2007-2009	RBS M Mate Fellow, Lucknow University
2010	Sawarsati Samman from Dr. Vishambher Nath Misra Memorial Sansthan
2011-2016	INSPIRE Fellowship from DST for Pursuing Ph.D.

Professional Positions

2019---	Assistant Professor, Dept. of Mathematics, RBIPSSR, V.B.S Purvanchal University, Jaunpur
2018-2019	Assistant Professor (NPIU), Dept. of Applied Science, MITS, Gwalior (M.P.)-474005
2016-2018	Assistant Professor, Dept. of Mathematical and Statistical Sciences, SRMU, Deva Road, Lucknow 225003, India

Membership of Professional Bodies

2011-	Bharat Ganita Parishad
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Publications

- 2020- **Verma, A.** On the incomplete Srivastava's triple hypergeometric matrix functions, **Quaestiones Mathematicae**, Online published: 01 May, 2020. **(SCI, I.F- 1.049)**
- 2020- **Verma, A.** Some results on the Srivastava's triple hypergeometric matrix functions, **Asian-Eur. J. Math.**, Accepted: 18 Feb, 2020. **(SCOPUS, I.F- 0.39)**
- 2020- **Verma, A.** and Yadav, S. Recursion formulas for Srivastava's general triple q-hypergeometric series, *Afr. Mat.*, Accepted: 17 January, 2020. **(SCOPUS, I.F- 0.66)**
- 2019- **Verma, A.** and Sahai, V. Some recursion formulas for q-Lauricella series, *Afr. Mat.*, Online published (5 December, 2019). **(SCOPUS, I.F- 0.66)**
- 2019- Shrivastava, S., Tomar, D.S. and **Verma, A.** Application of Sumudu Transform to Fractional Integro-Differential Equations Involving Generalized R-Function, **GANITA**, 69 (2019), pp. 09-13. (UGC-Care)
- 2019- Sahai, V. and **Verma, A.** Finite summation formulas of Srivastava's general triple hypergeometric function, **Asian-Eur. J. Math.**, 12, (2019) 1950020 (15pages). **(SCOPUS, I.F- 0.39)**
- 2019- **Verma, A.** and Yadav, S. On the incomplete second Appell hypergeometric matrix, functions, *Linear and Multilinear Algebra* (Accepted 2019), DOI:10.1080/03081087.2019.1640178 **(SCI, I.F- 1.110)**
- 2018- Sahai, V. and **Verma, A.** Generalized incomplete Pochhammer symbols and their applications to hypergeometric functions, **Kyungpook Math. J.**, 58, 2018, pp. 67-79. **(SCOPUS, I.F- 0.32)**
- 2018- Sahai, V. and **Verma, A.** Recursion Formulas for q-hypergeometric and q-Appell series, **Commun. Korean Math. Soc.**, 33 (2018), pp. 207-236. **(SCOPUS, I.F- 0.47)**
- 2017- **Verma, A.** and Chandra, H. Generalization of Mittag-Leffler Function and It's Properties, **GANITA**, Vol. 67(1), 2017. (UGC-Care)
- 2016- Sahai, V. and **Verma, A.** nth-order q-derivatives of Srivastava's general triple q-hypergeometric series with respect to parameters, **Kyungpook Math. J.**, 56, (2016), 911-925. **(SCOPUS, I.F- 0.32)**
- 2016- Sahai, V. and **Verma, A.** Recursion formulas for Exton's triple hypergeometric function, **Kyungpook Math. J.**, 56, (2016) (34 pages). **(SCOPUS, I.F- 0.32)**
- 2016- Sahai, V. and **Verma, A.** Recursion formulas for the Srivastava-Daoust and related multivariable hypergeometric function, **Asian-Eur. J. Math.**, 9, (2016), 1650081 (35 pages). **(SCOPUS, I.F- 0.39)**
- 2016- Sahai, V. and **Verma, A.** Recursion formulas for Srivastava's general triple hypergeometric function, **Asian-Eur. J. Math.**, 9, (2016), 1650063

- (17pages). **(SCOPUS, I.F- 0.39)**
- 2016- Sahai, V. and **Verma, A.** On an extension of the generalized Pochhammer symbol and its applications to hypergeometric functions, *Asian-Eur. J. Math.*, 2016, 9, 1650061 (11 pages). **(SCOPUS, I.F- 0.39)**
- 2015- Sahai, V. and **Verma, A.** Recursion formulas for multivariable hypergeometric functions, *Asian-Eur. J. Math.*, 2015, 8, 1550082 (50 pages).
(SCOPUS, I.F- 0.39)
- 2015- Sahai, V. and **Verma, A.** Derivatives of Appell functions with respect to Parameters, *J. Inequal. Spec. Funct.*, 2015, 6, Pages 1- 16.
- 2014- Sahai, V. and **Verma, A.** nth-Order q-derivatives of multivariable q-hypergeometric series with respect to Parameters, *Asian-Eur. J. Math.*, 2014, 7, 1450019 (29 pages).**(SCOPUS, I.F- 0.39)**

Seminars/ conferences/ workshops attended

Talk

- 2020- Invited talk on “**Some recursion formulas for q-Lauricella series**” at National Conference on Recent Trends in Mathematics with Applications Organized by SRMU University, Lucknow during Jan. 30-31, 2020.
- 2019- Invited talk on “**Generalized Incomplete Pochhammer Symbols and Their Applications to Hyper-geometric Functions**” at National Conference on Recent Trends in Mathematics with Applications. Organized by SRMU University, Lucknow during Feb. 21-22, 2019.

Workshop/ FDP

- 2020- Attended Two Week Faculty Development Programme on “**MANAGING ONLINE CLASSES and CO-CREATING MOOCS 3.0**” Organized by Teaching Learning Centre, Ramanujan College University of Delhi
25 July- 10 August, 2020.
- 2020- Attended Four Week Induction/ Orientation Programme Organized by Teaching Learning Centre, Ramanujan College University of Delhi
04 June- 01 July, 2020.
- 2020- Attended Five Days Faculty Development Programme on “**Latex**”
Organized by Anand International College of Engineering in association with Spoken

Tutorial Project, IIT Bombay 19 May- 23 May, 2020.

2019- Attended Two Days Workshop on “**Research Methodology & R Programming**”

Organized by Department of Applied Science, MITS Gwalior

31 Aug-01 Sept, 2019.

2019- Attended online NPTEL Courses cum FDP: **Transform calculus and its**

Applications in differential equations, Jan-April 2019.

2019- Attended online NPTEL Courses cum FDP: **Advanced Engineering Mathematics**,

Jan-April 2019.

2019- Attended online NPTEL Courses cum FDP: **Mathematical Methods and Its**

Applications, Jan-April 2019.

2019- Attended one week FDP on “**Advanced Pedagogy and Digital Tools**” under TEQIP

III, Organized by IIT Indore, during June 24-28, 2019.

2019- Attended Two Days Workshop on “**Soft Computing Techniques and It's**

Applications” under TEQIP III Organized by the Department of Computer Science

And Engineering, MITS, Gwalior, India, Jan. 18-19, 2019.

2018- Attended Workshop on “**Energy Audit & Management**” under TEQIP-III,

Department of Electrical Engineering, MITS, Gwalior (M.P.) September 29, 2018.

2018- Attended one week “**Faculty Induction Program**” under TEQIP III, Organized by IIT

Hyderabad held during Jan 25-29, 2018.

Paper Presentation

2019- Presented a paper in the National Conference on “**Recent Advances in**

Mathematics and Scientific Computing” held during April 5-6, 2019 in the

Department of Applied Science, MMTU, Gorakhpur.

2018- Presented a paper in the “**International Conference on New Frontiers in**

Mathematics and Symposia on I- Function and its Applications & Mathematics in Data Science” School of Mathematics and Allied Sciences, Jiwaji University, Gwalior

(M.P), Dec. 11-13, 2018.

2016- Presented a paper in the National Conference on “**Recent Trends in Mathematical**

Sciences” held during April 12-13, 2016 in the Department of Applied Science,

MMMTU, Gorakhpur.

2015- Presented a paper in the **18th International Conference of International Academy of Physical Sciences on "Recent Trends in Physical Sciences"** held during Dec 22-24, 2015, Faculty of Science, University of Allahabad, Allahabad.

2015- Presented a paper in the conference on **"Recent Trends in Mathematics: Topological Algebraic Analysis and Applications"** held during Nov 21-22, 2015 in the department of mathematics, Lucknow University, Lucknow.

2014- Presented a paper in the conference on **"National Conference on Advances in Mathematics"** held during Nov 21-23, 2014, Amity University Rajasthan, Jaipur.

References:

1. Prof. Vivek Sahai
Dept. of Mathematics & Astronomy
Lucknow, University, Lucknow
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(Dr. Ashish Verma)