

Dr. Yaghvendra Kumawat

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Career Objective:

To work with an organization that offers a challenging career, where my professional knowledge and potential can be utilized to the maximum in attaining the organizational goals and my personal excellence get nurtured in the process.

Personal Details :

Father's Name : Shri Babulal Kumawat
Mother's Name : Smt Pushplata Kumawat
Date of Birth : 02 September, 1981
Sex : Male
Marital Status : Married
Nationality : Indian

Personal Skills:

- ❖ Result oriented
- ❖ Hardworking and Dedicated
- ❖ Consistent
- ❖ Positive Attitude
- ❖ Punctual

Honors and Awards:

- ❖ Outstanding performance Award for commendable contribution in Academics and all round development (2013-2014).
- ❖ Outstanding performance Award for commendable contribution in Academics and all round development (2016-2017).

Educational Qualification:

S.No.	Name of Examination	Year	Board/ University	Subject	%age
1.	B.Sc.	2003	University of Rajasthan	Mathematics	70.07
2.	M.Sc.	2005	University of Rajasthan	Mathematics	64
3.	Ph.D.	2011	University of Rajasthan	Certain Investigations in theory of Transcendental functions with applications	-

4.	SET (Rajasthan)	2012	-	Mathematics	-
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Research Interests and Teaching:

Experience

❖ **Research Experience:**

- Supervision of 03 Ph.D. Scholars (01-Thesis Submitted).
- Supervision of Master Thesis entitled "Some New Bilateral Generating Relation Involving Lauricella Function and I -Function", (2020).
- Supervision of Master Thesis entitled "Some Infinite and Finite Summation Formulae Involving I -Function", (2020).
- Supervision of Master Thesis entitled "Composition Formulae of the Pathway Fractional Integral Operators Associated with Certain Special Functions", (2019).
- Supervision of Master Thesis entitled "Certain Marichev-Saigo-Maeda Fractional Integration Operators Involving the Product of Galue Type Struve Function and Bessel-Struve Kernel Function", (2019).
- Supervision of Master Thesis entitled "An Introduction on Fractional Calculus", (2018).

❖ **Teaching Experience:**

Teaching several courses:

- Group Theory I - B.Sc. (H) Mathematics III Sem (04 years)
- Group Theory II - B.Sc. (H) Mathematics V Sem (04 years)
- Algebra - B.Sc. IV Sem (05 years)
- Advanced Abstract Algebra - M.Sc. Mathematics I Sem (02 years)
- Linear Algebra - B.Sc. VI Sem. (02 years)
- Calculus - B.Sc. I Sem. (04 year)
- Differential equations - B.Sc. II Sem. (04 years)
- Calculus of Variations & Special Functions - M.Sc. III Sem (06 Months)
- Engineering Mathematics - B.Tech. I, II, III & IV Semester (06 years)
- MATLAB Lab - M.Sc. IV Sem. (02 years)
- Calculus Lab - B.Sc. I Sem. (02 Years)

❖ **Administrative Experience:**

- Pro Head – Department of Mathematics- Vivekananda Global University, Jaipur (2016 to 2022).
- Internal Member of Board of Studies (BOS), Department of Mathematics, Vivekananda Global University. (2016 to 2022).
- Internal Member of Board of Faculty (BOF), Faculty of Basic and Applied Sciences, Vivekananda Global University. (2016 to 2022).
- Head - Department of Mathematics, Maharishi Arvind college of Engineering and Research Centre - Jaipur (Dec 2011 to February 2014).

❖ **Academics Experience:**

- Professor, Department of Mathematics, Vivekananda Global University, Jaipur, Rajasthan – **July 2018 to July 2022.**
- Associate Professor, Department of Mathematics, Vivekananda Global University - VIT Camus, Jaipur, Rajasthan - **February 2014 to June 2018.**
- Associate Professor, Department of Mathematics, Maharishi Arvind college of Engineering and Research Centre - Jaipur, Rajasthan - **December 2011 to February 2014.**
- Assistant Professor, Department of Mathematics, Arya Institute of Engineering and Technology, Kukus, Jaipur, Rajasthan – **June 2011 to December 2011**
- Lecturer, Department of Mathematics, Staini memorial college of Engineering and Technology, Jaipur, Rajasthan - **February 2009 to June 2011.**

SWAYAM COURSES/MOOC COURSES :

S.No.	Name of Examination	Year	Total marks (100)
1	Refresher Course on Teacher and Teaching in Higher Education (AICTE)	2020	77.7

FDP/Confrences/Workshops/Symposium/Seminar :

1. Attended 5-day TEQIP-III Sponsored FDP in online mode on “Applications of Mathematical Sciences in Engineering and Technology” organized by Rajasthan Technical University, Kota & SKIT, Jaipur (23/09/2020 to 27/09/2020)
2. Attended Two week FDP in online mode on “Application of Digital Tools and Technology in Teaching and Learning” organized by Indira Gandhi National Tribal University, Amarkantak (MP) with Grade “A” (16/06/2020 to 29/06/2020).
3. Participated in National Seminar on “SUSTAINABLE DEVELOPMENT IN BASIC AND APPLIED SCIENCES-2020” organized by Sri Balaji P.G. Mahavidyalaya, Jaipur held on 06th March 2020.
4. Attended 3-day TEQIP-III Sponsored FDP on “Recent Advancement in Mathematical Modelling and Computing” organised by Rajasthan Technical University, Kota & Rajasthan College of Engineering for Women, Jaipur (25th – 27th June 2019).
5. Paper presented in the 8th National Conference on Computational and Mathematical Sciences “COMPUTATIA-VIII”, organised by Department of Computer Science Engineering and Department of Mathematics, VGU & VIT Campus, Jaipur, Rajasthan (March 15th & 16th , 2019).
6. Participated in the National Symposium on “Latest Innovations in Science & Technology” organized by St. Wilfred’s College for Girls, Jaipur (March 1st , 2019).
7. Attended a three-day workshop on “Computational Techniques in Mathematics (MATLAB & LATEX)” organized by Department of Basic Sciences and Humanities, Vivekananda Institute of Technology, Jaipur from 10th to 12th January, 2019.

8. Participated the workshop on “Work smarter together Making it possible with dynamic Governance” during December 4th to December 5th , 2018 held at VGU Campus, Jaipur.
9. Paper presented in the 7th National Conference on Computational and Mathematical Sciences “COMPUTATIA-VIII”, organised by Department of Computer Science Engineering and Department of Mathematics, VGU & VIT Campus, Jaipur, Rajasthan (March 30th & 31th , 2019).

Scientific Publishing Arbitrator:

1. A Solution of Certain Fractional Differential Equation with Integral Transforms Involving Generalized Mittag-Leffler Function, Wesleyan Journal of Research, Vol. 14, N0.01(IV), January 2021, pp. 96-100.
2. The Study of Inverse Laplace-Carson Integral Transform & Solution Of Linear Fractional Differential Equation, Elementary Education Online, Vol 19 (4) (2020), pp. 7470-7477.
3. Pathway Fractional Integral Operator associated with GTSF, Bessel-Struve Function & Extended M-Series, International Journal of Advanced Science and Technology, Vol. 29, No. 7, (2020), pp. 9672-9678, ISSN: 2005-4238 (IF:0.410).
4. Certain Marichev-Saigo-Maeda Fractional Integration Operators Involving The Product of Galue Type Struve Function and Bessel Struve Kernel Function, International Journal of Advanced Science and Technology, Vol. 29, No. 7, (2020), pp. 11550-11559, ISSN: 2005-4238 (IF:0.410).
5. Composition Formulae of the Pathway Fractional Integral Operators Associated with Certain Special Functions, International Journal of Advanced Science and Technology, Vol. 29, No. 9s, (2020), pp. 5520-5537, ISSN: 2005-4238 (IF:0.410).
6. MARICHEV-SAIGO-MAEDA FRACTIONAL CALCULUS OPERATORS WITH EXTENDED MITTAG-LEFFLER FUNCTION AND GENERALIZED GALUE TYPE STRUVE FUNCTION, Advanced Mathematical Models & Applications, Vol.4, No.3, 2019, pp.210-223, ISSN: 2519-4445.
7. New bilateral generating functions pertaining to the H- functions, Tamsui Oxford Journal of Mathematical Sciences, 25(4) (2009), 363-368.
8. Generalized Eulerian Integrals and Fractional Integral Formulas, Oriental Journal of Mathematical Sciences, 1(2) (2007), 153-165.
9. Uniformly starlike and uniformly convexity properties for certain special functions, Global Journal of Science Frontier Research, 11(2) (2011).
10. Integrals and Fourier series for a product of certain special functions, Acta Ciencia Indica, 34 (2) (2008), 483-490.
11. Application of certain product of special functions in electric circuit theory, Acta Ciencia Indica, 34(4) (2008), 1821-1831.
12. Certain integral properties of a generalized function associated with Feynman integral, Bulletin of Pure and Applied Mathematics, 4(1) (2010).
13. An Integral concerning H-functions, Oxford Journal of Mathematical Sciences, IOSR Journal of Mathematics, Vol 2(6) (2012).

Skills:Languages:


- Hindi, English.

Software:

- MATLAB, Python, LATEX, Geogebra.
- Microsoft: PowerPoint, MS Word, Excel.

Declaration :

I hereby declare that the information furnished above is true to the best of my knowledge.



Date : 22/02/2023

Place : Jaipur

(Dr. Yaghvendra Kumawat)