


BRIEF PROFILE

	Name	DR. MOHIT KUMAR
	Designation	ASSISTANT PROFESSOR
	Area	MATHEMATICS
	Email	mohitkumar@uttaranchaluniversity.ac.in
	Contact No.	9627340771
Professional Experience	<ul style="list-style-type: none"> Assistant Professor, Department of Mathematics, School of Applied and Life Sciences, Uttarakhand University Dehradun, Uttarakhand, India Since 23-01-2017 to Till date. Guest Faculty, Department of Mathematics and Statistics, Gurukula Kangri Vishwavidyalaya, Haridwar, from 06-08-2014 to 30-04-2016. 	
Education Qualification	<ul style="list-style-type: none"> Ph.D. from Gurukula Kangri Vishwavidyalaya, Haridwar, Uttarakhand, India in 2017 M.Sc (Mathematics) from Gurukula Kangri Vishwavidyalaya, Haridwar, Uttarakhand, India in 2012 M.Sc (Mathematics) from Gurukula Kangri Vishwavidyalaya, Haridwar, Uttarakhand, India in 2010 	
Area of Research	Fixed Point Theory, Fuzzy set Theory and its Applications	
Current Research, If any	Fixed Point Theory, Fuzzy set Theory and its Applications	
Publications: <ul style="list-style-type: none"> Articles in Journals (only Scopus/SCI) Books edited/Chapter contributed/Books authored 	<ul style="list-style-type: none"> Mohit Kumar, Ritu Arora and Ajay Kumar “Some Common Fixed Point Results of Multivalued Mappings on Fuzzy Metric Space”, <i>International Journal of Nonlinear Analysis and Applications</i> (Accepted 2019). [Emerging Sources Citation Index (ESCI)] [Scopus Indexed] doi: 10.22075/ijnaa.2019.17938.1976 Ajay Kumar, Debdas Mishra, Mohit Kumar, Ajendra Kumar and Vipin Kumar “Construction of Alpha Labeled Bipartite Graph from a Set of Alpha Labeled Bipartite Graph”, <i>Journal of Xi'an University of Architecture & Technology</i>, Volume XII, Issue VII, (2020), pp 675-683. [Scopus Indexed] Mohit Kumar, Ajay Kumar and Pratik Gupta “Some Fixed Point Results for w-Distance in Metric Space” <i>Advances in Mathematics Scientific Journal</i>, Volume 9, No. 3, (2020), pp 1181-1189. [Scopus Indexed] Mohit Kumar and Ritu Arora “Fixed Point theorems for $\alpha - \psi$ –Contractive Type Mappings in Fuzzy Metric Space”, <i>Palestine Journal of Mathematics</i>, 	

Volume 7, No 1, (2018), pp. 329-336. **[Scopus Indexed]**

- Ritu Arora and **Mohit Kumar** “Generalization of Matkowski Contraction Principle in Fuzzy Metric Space”, *Global Journal of Pure and Applied Mathematics*, Volume 11, Number 3 (2015), pp. 1569-1576. **[Scopus Indexed]**
- **Mohit Kumar**, Ritu Arora and Ajay Kumar “Hardy-Rogers Type Mappings for Fuzzy Metric Space”, *Pure and Applied Mathematics Journal*, Volume 8, No. 6, (2019), pp. 93-99, doi: 10.11648/j.pamj.20190806.11.
- Ajay Kumar, **Mohit Kumar**, Tarun Gupta and V. K. Srivastava “Prufer Sequence and Graceful Graphs”, *Journal of Applied and Life Sciences*, Volume 1, No 1, (2018), pp. 85-90.
- **Mohit Kumar** and Ritu Arora “Fixed Point of $\alpha - \psi$ – Contractive Multifunction’s in Fuzzy Metric Spaces”, *Journal of Applied Mathematics and Informatics*, Volume 35, No. 3 - 4, (2017), pp. 323 – 330. **[Web of Science Emerging Sources Citation Index (ESCI)]**
- Ritu Arora and **Mohit Kumar** “Unique Fixed Point theorems for $\alpha - \psi$ –Contractive Type Mappings in Fuzzy Metric Space”, *Cogent Mathematics and Statistics*, Volume 3, (2016), pp. 1- 8. **[Web of Science Emerging Sources Citation Index (ESCI)] [Taylor & Francis Online]**
- Ritu Arora and **Mohit Kumar** “Extension of Matkowski Contraction Principle in Fuzzy Metric Space”, *Mathematical Sciences Letters An International Journal*, Volume 5, No. 2, (2016), pp. 175-178. **[Impact Factor- 2.316]**
- **Mohit Kumar** and Ritu Arora “Relative Asymptotic Regularity and Fixed Points in Fuzzy 2-Metric Spaces” *International Journal of Computer Applications*, Volume 135, Number 3, February (2016).
- Ritu Arora and **Mohit Kumar** “Fixed Point Theorems of System of Maps on Product of Fuzzy Metric Spaces”, *International Journal of Mathematical Archive- 5(6)*, (2014), pp. 50-56. **[Impact Factor- 4.908 (SJIF 2013)]**

**Conferences/Seminars/Workshops/
FDP/MDP attended**

CONFERENCES/SEMINARS:

- Presented the paper in the “National Conference on Modelling, Optimization and Computing for Engineering Problems: use of Technical Hindi Terminology” Dept. of Mathematics Indian Institute of Technology Roorkee Uttarakhand India on 12-14 October 2018.
- Presented the paper in the “International Conference on Software Technology and Engineering Modules” Uttaranchal Institute of Technology, Uttaranchal University, Dehradun Uttarakhand, India on 28 April 2017.
- Presented the paper in the “National Conference on Recent Advances in Science and Technology” Uttaranchal College of Applied and Life Sciences, Uttaranchal University, Dehradun Uttarakhand, India on 27-28 February, 2017.
- Presented the paper in 7th Conference of The Indian Science Congress Association (Haridwar Chapter) on “Science and Technology for National Development” Dept. of Chemistry, Gurukula Kangri Vishwavidyalaya, Haridwar Uttarakhand, India on 20-22, November 2016.
- Presented the paper in 19th Annual Conference of Vijnana Parisha of India on “Recent Advances in Mathematics and Mathematical Sciences and Their Applications (RAMMSA 2016) & Symposium on Fixed Point Theory and Applications” Dept. of Mathematics, Pauri Campus, HNB Garhwal University Srinagar Uttarakhand, India on 10-12, November 2016.
- Presented the paper in International Conference on “Innovative Trends in Engineering, Science and Technology” Uttaranchal Institute of Technology, Uttaranchal University Dehradun Uttarakhand, India on 18-19, March 2016.
- Presented the paper in International Conference on “Statistics and Related Areas for Equity, Sustainability and Development (SRAESD) in Conjunction with XXXV Annual Convention of Indian Society for Probability and Statistics (ISPS)” Dept. of Statistics, University of Lucknow, Lucknow Uttar Pradesh, India on 28-30, November 2015.
- Presented the paper in International Conference on “Emerging Trends in Basic & Applied Sciences” Maharaja Agrasen University, Baddi Himachal Pradesh, India on 1-2, May 2015.
- Presented the paper in National Conference on “Recent Advances in Statistical and Mathematical Sciences and their Applications” Dept. of Statistics, Kumaun University, SSJ Campus Almora Uttarakhand, India on 04-06, October 2014.

Workshop/FDP/School (offline)

- Participated in the Workshop on “Research Practices and Design for Professionals” on 8-9 February 2019 conducted by Dept. of Food Technology, Uttaranchal College of Applied and Life Sciences, Uttaranchal University, Dehradun Uttarakhand, India.
- Participated in the Faculty Development Programme on “Advanced Research and Statistical Techniques” from 22-28 February, 2019 conducted by Uttaranchal College of Applied and Life Sciences, Uttaranchal University, Dehradun Uttarakhand, India.
- Participated in the Workshop on “MATLAB and Its Applications” on 13-14 September 2018 conducted by Dept. of Physics, Uttaranchal College of Applied and Life Sciences, Uttaranchal University, Dehradun Uttarakhand, India.
- Participated in the Faculty Development Programme on “Innovative Techniques and Magnitude of Teaching Methodology in Higher Education” from 16-22 July, 2018 conducted by Uttaranchal University, Dehradun Uttarakhand, India.
- Participated in the one day seminar on “Various Topics of Professional Interest” conducted by Uttaranchal University Dehradun in association with ICSI of India, Dehradun Chapter under the aegis of Law College Dehradun Faculty of Uttaranchal University on 16 July, 2018.
- Participated in the “One Week Faculty Development Programme on Research Methodology” from 4-9 December 2017 conducted by Department of Computer Science & Engineering, Uttaranchal Institute of Technology, Uttaranchal University, Dehradun Uttarakhand, India.
- Participated in the Workshop on “Yoga for Improving Performance” from 3-5 April 2017 conducted by Uttaranchal College of Applied and Life Sciences, Uttaranchal University, Dehradun Uttarakhand, India.
- Participated in the Workshop on “Modelling, Optimization and Simulation of Stochastic Systems (MOSSS-16)” on 26 November 2016 conducted by Dept. of Mathematics, Indian Institute of Technology Roorkee Uttarakhand, India.
- Participated in the ATM “Instructional School for Lecturers in Linear Algebra” during 17-29 March 2014 conducted in CEMS, Dept. of Mathematics, Kumaun University, SSJ Campus, Almora Uttarakhand, India.
- Participated in the Workshop on “The Physics and Mathematics of Universe” from March 11-12, 2013 conducted in Gurukula Kangri Vishwavidyalaya, Haridwar

Uttarakhand, India.

Workshop/FDP/School (online)

- Participated in the “One Week Online FDP on Applicability of Mathematical Sciences in Emerging World” from 28 July to 02 August 2020 Department of Applied Science & Humanities, Faculty of Science, Invertis University, Bareilly (U.P.), India.
- Participated in the “Six-Day Online FDP on Applications of Mathematics in Engineering” from 27--31 July 2020 conducted by Department of Mathematics, KPR Institute of Engineering & Technology, Coimbatore, India.
- Participated in the “Online FDP on Holistic Teaching Techniques for University Teachers” from 20--25 July 2020 conducted by Law College Dehradun, Uttaranchal University Dehradun India.
- Participated in the “Six-Day Online FDP on Applications of Mathematics in Engineering” from 20--25 July 2020 conducted by Department of Mathematics, KPR Institute of Engineering & Technology, Coimbatore, India.
- Participated in the “Three-Days Online FDP on Appraisal of Mathematical Learning Outcomes in Cybergogy Environment” from 15-17 July 2020 conducted by Department of Mathematics, Arul Anandar College Madurai, India.
- Participated in the “Three-Days Online FDP on Fuzzy Mathematics Learning and its Applications” from 11-13 July 2020 conducted by Department of Mathematics, Government College Daman, India.
- Participated in the “Three-Days Online International FDP on Computational Mathematics for Engineers and Researchers” from 10-12 July 2020 conducted by Department of Mathematics, Poornima Institute of Engineering & Technology, Jaipur, India.
- Participated in the “Six-Day Online National Webinar Series on Applications of Mathematics from 6--11 July 2020 conducted by Department of Mathematics, KPR Institute of Engineering & Technology, Coimbatore, India.
- Participated in the “One-Day Online Webinar on Introduction to Maple 2020” on 29 June 2020 conducted by Department of Mathematics, Sant Longowal Institute of Engineering & Technology, Sangrur, India.
- Participated in the “One-Day Online International Webinar on Mathematical Approach of Solute Transport Modelling” on 27 June 2020 conducted by

	<p>Department of Applied Sciences, KIET Group of Institutions Ghaziabad, India.</p> <ul style="list-style-type: none"> • Participated in the “One Week Online International FDP on Importance of Mathematics in Science and Technology” from 25-29 June 2020 conducted by Mathematics Division of Department of Basic Sciences and Humanities, GMR Institute of Technology Rajam, AP, India. • Participated in the “Online National Quiz on Vedic Mathematics” from 20-21 June 2020 conducted by Department of Mathematics, School of Applied and Life Sciences, Uttaranchal University Dehradun, India. • Participated in the “Three-Day Online International Webinar on General Mathematical Tools in Research: Theory and Applications” from 15-17 June 2020 conducted by Department of Mathematics (FOECS), TMU, India. • Participated in the “One-Day Online National Webinar on A Quest for the Infinity” on 4 June 2020 conducted by Department of Mathematics, Faculty of Science, Marwadi University, India. • Participated in the “One-Day Online International Webinar on MATLAB Applications in Sciences and Engineering” on 29 May 2020 conducted by Baba Farid College Patiala, India. • Participated in the “One Week Online International FDP on Novel Approaches of Blockchain Technology & its Applications” from 22-28 May 2020 conducted by Faculty of Engineering and Computing Sciences, (FOECS), TMU, India. • Participated in the “One-Day Online National Webinar on Biography of Zero” on 16 May 2020 conducted by Department of Mathematics, Faculty of Science, Marwadi University, India.
<p>Award/Certificate/Prize received</p>	<ul style="list-style-type: none"> • JRF in Rajiv Gandhi National Fellowship (RGNF) (2013-2015) • SRF in Rajiv Gandhi National Fellowship (RGNF) (2015 to 22 January 2017)
<p>Any extra-curricular activities</p>	<p><u>ADDITIONAL ACHIEVEMENT</u></p> <ul style="list-style-type: none"> • Working as a College Coordinator of Alumni Association for School of Applied and Life Sciences, Uttaranchal University, Dehradun during 01-06-2020 to 30-06-2021. <p><u>MEMBER OF EDITORIAL BOARD / REVIEWER</u></p> <ul style="list-style-type: none"> • Member of Editorial Board of “Pure and Applied Mathematics Journal”.

- | | |
|--|---|
| | <ul style="list-style-type: none">• Review Editor in “Frontiers in Applied Mathematics and Statistics”.• Member of Editorial Board of “SCIREA Journal of Mathematics”.• Guest Editor for the Special Issue “Mathematics and Statistics” in the journal “Pure and Applied Mathematics Journal”.• Board Member of “International Journal of Research and Analytical Reviews”.• Member of Editorial Board of “International Journal of Theoretical and Applied Mathematics”.• Member of Editorial Board of “Applied Mathematics and Information Sciences”.• Member of Editorial Board of “American Journal of Applied Mathematics”.• Reviewer in “International Journal of Applied and Computational Mathematics”• Member of Editorial Board of “International Journal of Science Academics Research”.• Reviewer in “Journal of Mathematical Sciences & Computational Mathematics”. |
|--|---|