Name   : Dr. Rohit Kumar

Designation   : Assistant Professor

Department   : Department of Mathematics

Contact Information

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Educational Qualification

Degree	University	Subjects	Year
Ph. D.	Kumaun University	Mathematics	2022
M. Sc.	Kumaun University	Mathematics	2017
B. Sc.	Kumaun University	Physics, Chemistry, Mathematics	2014
Intermediate	Uttarakhand Board	Hindi, English, Mathematics, Physics, Chemistry	2011
High School	Uttarakhand Board	Hindi, English, Mathematics, Science, Social Science	2009

Work Experience

Position	Department	University/Organization	Year
Assistant Professor	Department of Mathematics	Kumaun University	25th Aug., 2022 to till to date

Research Interests

(Fixed Point Theory, Nonlinear Analysis)

Publications

a) Research Papers

Authors name	Title of the paper	Journal, vol, page no	Year
Rohit Kumar, Neeraj Garakoti, Naveen Chandra, Mahesh C. Joshi	*Fixed and coincidence point theorems on partial metric spaces with an application*	Mathematica Moravica, 27(2), 33-53	2023
Rohit Kumar, Naveen Chandra, Neeraj Garakoti, Mahesh Chandra Joshi	*Some results on non-expansive type mappings*	Appl. Math. E-Notes, 22, 287-298	2022
Neeraj Garakoti, Mahesh Chandra Joshi, **Rohit Kumar**	*Fixed point for $F\perp$- weak contraction*	Mathematica Moravica, 25(1), 113-122	2021

b) Book Chapters

Authors name	Title of the book	Publisher	ISBN	Year
R. Kumar, Mahesh C. Joshi, N. Garakoti	*Fixed Point Theory and its Applications to Real World Problem*	Nova Science Publishers, Inc. (USA)	978-1-53619-336-7	2021
N. Garakoti, Mahesh C. Joshi, **R. Kumar**	*Fixed Point Theory and its Applications to Real World Problem*	Nova Science Publishers, Inc. (USA)	978-1-53619-336-7	2021

c) Conference Publications/Proceedings

Authors name	Title of the paper	Conference name	Year
R. Kumar, Mahesh C. Joshi, N. Garakoti	*Fixed Point Theorems for Asymptotically Regular Maps in Partial Metric Space*	International e-conference on Fixed Point Theory and its Applications to Real World Problems	2021
N. Garakoti, Mahesh C. Joshi, **R. Kumar**	*An Iterative Algorithm for Weak Contraction Mappings*	International e-conference on Fixed Point Theory and its Applications to Real World Problems	2021

Teaching details

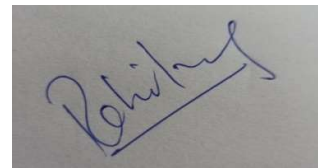| Name of the course/paper	Department	University	Year
M. Sc. / Number Theory, Business Mathematics	Department of mathematics	Kumaun University	2022
B. Sc. Agriculture / Elementary Mathematics	Faculty of agriculture and agro forestry	Kumaun University	2022
BCA / Mathematics	Department of computer science	Kumaun University	2022
B. Sc. Forestry / Elementary Mathematics	Department of forestry	Kumaun University	2022
Minor in Mathematics / Mathematics-I	Department of mathematics	Kumaun University	2022
M. Sc./ Functional Analysis, Financial Mathematics	Department of mathematics	Kumaun University	2023
B. Sc. / Geometry	Department of mathematics	Kumaun University	2023
M. Sc. / Real Analysis, Number Theory	Department of mathematics	Kumaun University	2023
B. Sc. / Fundamental Mathematics	Department of mathematics	Kumaun University	2023
B. Sc. Agriculture / Elementary Mathematics	Faculty of agriculture and agro forestry	Kumaun University	2023
BCA / Mathematics	Department of computer science	Kumaun University	2023
B. Sc. Forestry / Elementary Mathematics	Department of forestry	Kumaun University	2023
M. Sc. / Functional Analysis, Differential Equation	Department of mathematics	Kumaun University	2024
B. Sc. / Geometry	Department of mathematics	Kumaun University	2024
B. Sc. / Ring Theory (non-nep)	Department of mathematics	Kumaun University	2024
ITEP / Mathematics	Department of ITEP	Kumaun University	2024

Professional Memberships

Organization	Position	Year
Vijñāna Parishad of India	Life-Member-International	2023

Honours and Awards

Award	Awarding Organization	Year
Young Scientist Award	*Vijñāna* Parishad of India	2023
Gold Medal Award for Rank-1 in M. Sc.	Kumaun University	2018

Conference Presentations

Title of presentation	Conference name	Name of the institution	Year
Some Results on Non-Expansive type Mappings in Partial Metric Space	24th Annual Conference of Vijñāna Parishad of India and National Seminar on New Thrust Areas in Mathematics, Mathematical Sciences and Engineering (NTMMSE-2023)	Dayanand Vedic College, Orai (Jaluan), Uttar Pradesh, India	2023
A Concept of Metric and its Generalizations: A Brief History	International e-Conference on History of Mathematics, Indian Society for History of Mathematics (ISHM-2020)	Indian Society for History of Mathematics (ISHM-2020)	2020
Fixed Point Theorems for Asymptotically Regular Maps in Partial Metric Space	International e-conference on Fixed Point Theory and its Applications to Real World Problems	Department of Mathematics, Government Post Graduate College Maldevta, Raipur, Dehradun	2020
A Review on ν-Generalized Metric Space	International Conference on Recent Advances in Algebra, Analysis & Applications (ICRAAAA-2019)	Department of Mathematics and Statistics, University College of Science, Mohanlal Sukhadia University, Udaipur, Rajasthan	2019
A Survey on ν-Generalized Metric Space	International Conference on History and Recent Development in Mathematics, with applications in Science and Technology (ICHDMAST-2019)	Madhuben & Bhanubhai Patel Institute of Technology, New V. V. Nagar, Gujarat	2019

Signature of the faculty member