Name : Dr. Chetna Mehra

Designation : Assistant Professor (Guest Faculty)

Department : Department of Mathematics

Contact Information

- Email Address : chetnamehra2992@gmail.com

- Mobile No : +91-8393993888

ORCD ID : 0000-0002-3010-149X

Educational Qualification

Degree	University	Subjects	Year
Ph. D.	Kumaun University	Mathematics	2024
M. Sc.	Kumaun University	Mathematics	2015
B. Sc.	Kumaun University	Physics, Chemistry, Mathematics	2013
Intermediate	Uttarakhand Board	Hindi, English, Mathematics, Physics, Chemistry	2010
High School	Uttarakhand Board	Hindi, English, Mathematics, Science, Social Science	2008

Work Experience

Position	Department	University/Organization	Year
JRF	Statistics (NMHS sponsored project)	GB Pant National Institute of Himalayan Environment Kosi Katarmal, Almora	2018-2019
Assistant Professor (Guest Faculty)	Department of Mathematics	Kumaun University	31th Aug., 2022 to till to date

Research Interests

(Linear algebra, Functional analysis, Frame theory and Operator Theory.)

Publications

a) Research Papers

Authors name	Title of the paper	Journal, vol, page no	Year
Chetna Mehra, Narendra Biswas and M.C. Joshi	Some Results on d-Frames	Jnanabha, 53, 287-292	2023
Narendra Biswas, **Chetna Mehra** and M.C. Joshi	Frames Generated by Double Sequences	Mathematica Moravica, 27, 53-72	2023

b) Book Chapters

Authors name	Title of the book	Publisher	ISBN	Year
Rajesh Joshi, Ninchhen dokma,Kumar Shambhav, **Chetna Mehra**, B.S. Bisht and S.P. Singh	Ecology of Himalayan Treeline Ecotone	Springer	978-981-19-4475-8	2023

Teaching details

Name of the course/paper	Department	University	Year
M. Sc. / Special Function	Department of mathematics	Kumaun University	2022
B. Sc. / Real Analysis	Department of mathematics	Kumaun University	2022
B.Sc. / Maths Tutorial Classes	Department of mathematics	Kumaun University	2022
M. Sc. / Linear Algebra	Department of mathematics	Kumaun University	2023
M. Sc. / Abstract Algebra	Department of mathematics	Kumaun University	2023
B. Sc. / Complex Analysis	Department of mathematics	Kumaun University	2023
M. Sc. / Special Function	Department of mathematics	Kumaun University	2023
B. Sc. / Real Analysis	Department of mathematics	Kumaun University	2023
B.Sc. / Maths Tutorial Classes	Department of mathematics	Kumaun University	2023
M. Sc. / Complex Analysis	Department of mathematics	Kumaun University	2024
M. Sc. / Optional (NT)	Department of mathematics	Kumaun University	2024
B. Sc. / Complex Analysis	Department of mathematics	Kumaun University	2024

Professional Memberships

Organization	Position	Year
Vijñāna Parishad of India	Life-Member-International	2022
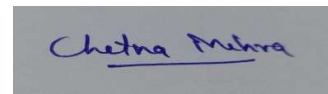
Honours and Awards

Award	Awarding Organization	Year
U-SET	Kumaun University Nainital	2017
CSIR NET-JRF	Council of Scientific & Industrial Research New Delhi	2017

Conference Presentations

Title of presentation	Conference name	Name of the institution	Year
Frame Theory and its Applications	International Conference on History and Recent Development in Mathematics, with applications in Science and Technology (ICHDMAST-2019)	Madhuben & Bhanunhai Patel Institute of Technology, New V. V. Nagar, Gujarat	2019
On Banach Frame	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
Frame and Fixed Points	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
On Recent Extension of Frame	National Conference on Integrity of Mathematics in Advancement of Science, Technology and Management (IMASTM-2021)	MB.Govt. P.G. College, Haldwani. Nainital. Uttarakhand	2021
Frame of Operators in 2-Hilbert Spaces	Recent Advances in Mathematical Sciences with Applications in Engineering and Technology (IC-RA-MSA-ET-2022)	School of Computational and Integrative Sciences, JNU New Delhi	2022

Some Results on d-Frames	National Conference of Mathematics and its Applications in Sciences (NCMAS-2022)	Uttarakhand Open University, Haldwani	2022

Chetna Mishra

Signature of the faculty member