Dr. Rahul Kumar

Assistant Professor, Department of Mathematics,
Kashi Naresh Government P. G. College Gyanpur, Bhadohi-221304,
Uttar Pradesh, India.
Mobile no: +91-8318303510, 9889321893
Email ID: kumarahul1992bhu@gmail.com**.**

EDUCATION

- ➢ **Ph.D. -** Department of Mathematics, Institute of Science, Banaras Hindu University, Varanasi, India.
    - ♦ Discipline: Mathematics
    - ♦ Specialization: Optimization
    - ♦ Research Area: **Nonlinear Programming, Nonsmooth Analysis, Semi-infinite optimization, Multiobjective Optimization, Semi-definite Programming.**
- ➢ **M.Sc.** in Mathematics, University of Allahabad, Prayagraj, India (76.3%) in 2013.
- ➢ **B.Sc.** Mathematics & Chemistry, C. S. J. M. University, Kanpur, India (63.9%) in 2011.
- ➢ **12th** U. P. Board, Allahabad with 65.2% in 2008.
- ➢ **10th** U. P. Board, Allahabad with 64.8% in 2006.

EXAMINATION QUALIFIED

Year	Examination Name	Rank (Score)
2013-December	CSIR-NET	
2014-December	UGC-JRF	86 out of 189
2015	GATE	164 out of 4899
2015-June	CSIR-JRF	04 out of 314

Professional Affiliations

- ➢ Worked as Lecturer in Mathematics at Government Polytechnic Kanker, Chhattisgarh from 12/May/2017 to 05/Mar/2020.
- ➢ Worked as Assistant Professor in Mathematics at Government Chandra Vijay College Dindori, Madhya Pradesh from 06/03/2020 to 27/06/2022.

PUBLICATIONS

1. Vivek Laha, **Rahul Kumar**, Jitendra Kumar Maurya, Saddle Point Criteria For Semidefinite Semi-Infinite Convex Multiobjective Optimization Problems, *Yugoslav Journal of Operations Research,* DOI: https://doi.org/10.2298/YJOR201223001L.
2. Shashi Kant Mishra, **Rahul Kumar**, Vivek Laha, Jitendra Kumar Maurya, J. Appl. Numer. Optim. 4 (2022), No. 1, pp. 103-118, https://doi.org/10.23952/jano.4.2022.1.08.
3. Laha, V., **Kumar, R.**, Singh, H.N., Mishra, S.K.: On minimax programming with vanishing constraints, Optimization, Variational Analysis and Applications. IFSOVAA 2020. Springer Proceedings in Mathematics & Statistics, vol. 355, pp 247–263. Springer, Singapore (2020).

WORKSHOPS AND CONFERENCES ATTENDED

1. Attended Annual Foundation School-I in JECRC University, Jaipur (30 Nov- 26 Dec, 2015).
2. Participated and presented the paper titled Solving Duality for Non-smooth Semidefinite Programming Problems using Convexificators in the 1st International Conference on Advances in Mathematics, Science and Technology (ICAMST-2020) during September 1-3, 2020 organized by the Department of Mathematics, Rajiv Gandhi University (A Central University), Doimukh, Arunachal Pradesh, India.
3. Participated and presented the paper titled On Nonsmooth Semidefinite Programming Problems under Generalized Approximate Convexity in the 26th International Conference (Online) of International Academy of Physical Sciences on Advances in Algebra and Analysis during December 18-20, 2020 organized by the Department of Mathematics, Marwadi University, Rajkot, Gujarat, India.
4. Presented the paper titled \On Karush-Kuhn-Tucker Optimality Conditions for Semidefinite Semi-infinite Convex Multiobjective Optimization Problems in the 36th Annual National Conference of The Mathematical Society - Banaras Hindu University during February 06-07, 2021 organized by the Department of Mathematics, Institute of Science, Banaras Hindu University, Varanasi, India.
5. Participated in workshop on Multi-objective Optimization during December 15-23, 2016 organized by IIT Patna.

PERSONAL INFORMATION

Father's Name: Shri Ramesh Kumar
Mother's Name: Late Mrs. Vijay Laxmi
Date of Birth: 08/09/1992
Address: Village- Museevan, Post- Museevan, District- Banda, 210125, Uttar Pradesh, India.
Nationality: Indian
Language Known: Hindi, English.

Rahul Kumar