

## Shivani Sharma

Assistant Professor

Department of Mathematics, Government Degree College, Kathua

### Educational Qualification:

1. M.Phil. (Topology; Thesis Title: The Topology of Statistical Convergence.), University of Jammu.
2. Qualified CSIR-UGC National Eligibility Test in Mathematical Sciences (with rank 63 in India) held on 22-12-2013.
3. M.Sc.(Mathematics), University of Jammu.

### Publications.

1. D. S. Jamwal, R. Jamwal, **S. Sharma**, *I-convergence of filters*, New Trends in Mathematical Sciences, vol 4, no.4, (2016), 322-328, DOI: [10.20852/ntmsci.2017.118](https://doi.org/10.20852/ntmsci.2017.118).
2. R. Jamwal, **S. Sharma** and D. S. Jamwal, *Some more results on I-convergence of filters*, New Trends in Mathematical Sciences, vol.5, no. 1, (2017), 190-195, DOI:[10.20852/ntmsci.2017.137](https://doi.org/10.20852/ntmsci.2017.137).
3. **S. Sharma**, *A note on I-convergence of filters*, New Trends in Mathematical Sciences, vol.7, no. 1, (2019), 35-38, DOI:[10.20852/ntmsci.2019.338](https://doi.org/10.20852/ntmsci.2019.338).
4. Contributed five lessons in the study material for Semester VI, Directorate of Distance Education University of Jammu vide order :DDE/Pub/18/79 dated: 24/4/18.
5. **S. Sharma** and S. Mishra, *Rough ideal convergent sequence spaces of bounded linear operators*, South East Asian Journal of Mathematics and Mathematical Sciences Vol. 19, No. 2 (2023), 297-310, DOI: [10.56827/SEAJMMS.2023.1902.22](https://doi.org/10.56827/SEAJMMS.2023.1902.22).
6. **S. Sharma**, S. Mishra and P. Panday, *On some rough ideal convergent sequence spaces*, Palestine Journal of Mathematics, (accepted for publication).
7. **S. Sharma**, P.Panday and S. Mishra, *Contemporary results on rough continuity and rough compactness*, (communicated).

### Workshops/Conferences/Schools attended:

#### Schools

- Attended the Instructional School for Teachers on Topology, held at Indian Statistical Institute, Bangalore during May 14-26, 2018

## Trainings

- Participated in the Intensive training in Algebra, Analysis, Topology, and Applications held at Manipal Institute of Technology, Manipal, held from May 27-June 1, 2024.
- Attended a Short Term Course on Scientific and Technical Drawing with LaTeX, organized by the School of Chemical Engineering and Physical Sciences and Human Resource Development Center (HRDC) Lovely Professional University, Phagwara, Punjab, held from 25-30 July, 2022.

## Workshops

- Attended An International Online Workshop on Trends in Analysis and Topology, from 08 -12 September, 2022 organized by the Department of Mathematics, Malaviya National Institute of Technology Jaipur.

## Conferences

- Participated in the 5th International Conference on Recent Advances in Fundamental and Applied Sciences (RAFAS-2024), organized by the School of Chemical Engineering and Physical Science at Lovely Professional University, Phagwara, Punjab, during 19-20 April, 2024.
- Participated in a National Conference on the theme Recent Trends in Mathematics at PG Department of Mathematics, Guru Nanak College, Sri Muktsar Sahib Punjab, held on 27, March, 2024.
- Participated in the 30th Annual Conference of Jammu Mathematical Society (JMS), organized at the Department of Mathematics, University of Jammu, held on 04-06 May, 2023.
- Participated in a National Conference on Recent Advances in Mathematics, organized by the Department of Mathematics Central University of Jammu held on 20-21 October, 2022.
- Participated in the 3rd International Conference on Recent Advances in Fundamental and Applied Sciences (RAFAS 2021), organized by the School of Chemical Engineering and Physical Sciences, Lovely Professional University, Phagwara, Punjab, held on 25 -26 June, 2021.
- Attended three days National Seminar on Recent Developments in Complex Analysis, Operator Theory and Related Areas from 20 Oct, 2016 to 22 Oct, 2016.

## FDP/Induction/Orientation/Refreshers

- Attended a Refresher Course in Mathematics (Theme Python and Vedic Mathematics), from 13 - 26 July, 2023 organized by Teaching Learning Centre, Ramanujan College University of Delhi in collaboration with Department Of Mathematics Sri Jayachamarajendra College of Engineering (SJCE) JSS Science and Technology University, Mysuru.
- Attended a Refresher Course in Applicable Mathematics, from 26 July to 08 August, 2022 organized by the Teaching Learning Centre, Ramanujan College University of Delhi in collaboration with Department Of Mathematics Sri Jayachamarajendra College of Engineering (SJCE) JSS Science and Technology University, Mysuru.
- Attended Interdisciplinary Refresher Course in Women and Child Development held at UGC Human Resource Development Centre, University of Jammu during November 09-29, 2017.
- Attended General Orientation Course, held at UGC Human Resource Development Centre,

University of Jammu during November 21-December 21, 2016.

## ADMINISTRATIVE RESPONSIBILITIES

### As Convener:

- RTI Committee: w.e.f 29-08-2019 till 06-10-2023.
- College Bus / Genset Committee : w.e.f 30-07-2021 till 06-10-2023
- Dean Student Welfare : w.e.f. 15-03-2021 till 06-10-2023
- Student Welfare Committee: w.e.f. 15-03-2021 till 06-10-2023
- Psychological Cell/ Drug De addiction Cell: w.e.f. 18-07-2022 till 06-10-2023

### As Member:

- Student Welfare (Nov 2023-till date)
- Literary Club (Nov 2023-till date)
- Campus Beautification (Nov 2023-till date)
- Discipline Committee / Anti ragging Cell: w.e.f. 13-09-2017 till 06-10-2023
- Women Grievances Cell/Internal Complaints Committee: w.e.f 29-08-2019 till 06-10-2023.
- Cultural Committee: w.e.f. 13-09-2017 till 06-10-2023
- UGC/ NAAC Committee: w.e.f 29-08-2019 till 06-10-2023.
- IQAC committee: w.e.f. 11-09-2020 till 06-10-2023.
- Career Counselling Cell: w.e.f. 11-09-2020 till 14-07-2023.
- College Bus / Genset Committee: w.e.f. 13-09-2017 till 29-07-2021
- Student Welfare Committee: w.e.f. 30-10-2018 till 14-03-2021
- Examination / Internal Assessment record Committee: w.e.f 29-08-2019 till 14-07-2023
- Tour and Picnic Committee: w.e.f. 11-09-2020 till 14-07-2023.
- Time Table Committee: w.e.f. 11-09-2020 till 29-10- 2018
- Library Committee: w.e.f. 13-09-2017 till 29-10- 2018
- Scholarship Committee: w.e.f. 13-09-2017 till 29-10- 2018
- Member PMSSS committee for the session 2022-23.
- Member of Organising Committee of One day National Seminar on Climate Change and Disaster Risk Reduction: Making Sustainability a way of life held on 19-05-2023.

### Board of Studies Meetings

- Attended BOS in Mathematics on the Department of Mathematics, University of Jammu held on 25-01-2017.
- Attended BOS in Mathematics on the Department of Mathematics, University of Jammu held on 12-07-2019.

### Talks Delivered

- Delivered an expert talk on Cryptography under the Star College Scheme of DBT, New Delhi at Guru Nanak College, Sri Muktsar Sahib Punjab, held on 29 September, 2024.