RIMPI

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Teaching Experience:

- Assistant Professor in the Department of Mathematics, **Maitreyi College,** University of Delhi, from **March 11, 2024** till date.
- Assistant Professor on guest basis at **Institute of Home Economics,** University of Delhi, from **January 18, 2024** to **March 08, 2024**.
- Assistant Professor on guest basis at **Sri Venkateswara College,** University of Delhi, from **November 06, 2023** to **December 12**, **2023**.

Research Experience:

- Pursuing **Ph.D**. from Department of Mathematics, University of Delhi under the supervision of **Prof. C.S. Lalitha** in the area "**Optimization Theory**" since October 2019.
- Completed **M.Phil.** degree from Department of Mathematics, University of Delhi with dissertation entitled **"Variants of the Mountain Pass Theorem"** supervised by **Dr. Ratikanta Panda** during 2016-2019.

Research Publications:

- Rimpi, C.S. Lalitha : *Constraint qualifications in terms of convexificators for nonsmooth programming problems with mixed constraints*. **Optimization** 72(8) 2019-2038 (2023).
- Rimpi, C.S. Lalitha: *Constraint qualifications in nonsmooth optimization: classification and inter-relations*. **Journal of Nonlinear and Variational Analysis**, 6(2): 83-99 (2022).
- Joydeep Dutta, Suresh Chandra, Rimpi, C.S. Lalitha: *Corrections to: convexifactors, generalized convexity and optimality condition*. **Journal of Optimization Theory and Applications**, 197: 383-385 (2023).

Academic Qualifications:

Examination	University/Board	Institution	Year of Passing	Percentage
M.Phil. Mathematics	University of Delhi	Department of Mathematics	2019	87.20
M.Sc. Mathematics	University of Delhi	Indraprastha College for Women	2016	85.44
B.Sc. (Hons.) Mathematics	University of Delhi	Daulat Ram College	2014	83.42
Senior Secondary	Board of School Education Haryana	Pragya Senior Secondary School	2011	93.20
Secondary	Board of School Education Haryana	Pragya Senior Secondary School	2009	94.00

Fellowships and Awards:

- Received **Junior Research Fellowship (JRF)**, CSIR-UGC from July 2017 to June 2020 and upgraded to **Senior Research Fellowship (SRF)** from June 2020 to June 2022.

- Received **UGC Non-NET fellowship** granted by University of Delhi from August 2016 to June 2017.
- Received meritorious student fellowship under Scholarship for Higher Education **(SHE) scheme of INSPIRE-DST** during 2011-2016.
- Received **Lala Jugal Kishore Jagdish Prasad Memorial prize for securing highest marks** in M.Sc. Mathematics, Indraprastha College for Women, University of Delhi in the batch of 2014-2016.

Certificates:
- Conducted **Tutorial Classes of M.Sc. Mathematics,** University of Delhi for the following courses.
  Representation of Finite Groups (Sem. III, 2018)
  Introduction to Topology (Sem. II, 2020)
  Mathematical Programming (Sem. III, 2020 and 2021)
  Optimization Techniques and Control Theory (Sem IV, 2021 and 2023).
- Qualified examination for **C certificate of National Cadet Corps (NCC)** with grade B under the authority of Ministry of Defence, Government of India.
- Awarded **National Service Scheme (NSS) merit certificate under Visually Challenged Students Welfare Project** of Daulat Ram College, University of Delhi in 2014.

Presentations/Participations in National/International Conferences:
- Presented a paper in G-20 Themed International Conference on Variational Analysis and Optimization with Applications (ICVAOA) , **Aligarh Muslim University (AMU**) during September 23-25, 2023.
- Presented a talk in the best paper award competition in International Symposium on Applied Optimization and Game Theoretic Models for Decision Making (ISOGTDM), **Indian Statistical Institute (ISI), Delhi Centre** during February 01-03, 2023.
- Delivered a contributory talk in the **Indian Women and Mathematics Annual Conference** held at Indian Institute of Science Education and Research **(IISER) Pune** during December 27-29, 2022.
- Presented a paper in the 2nd International Conference on Nonlinear Applied Analysis & Optimization organized by **Indian Institute of Technology (IIT-BHU), Varanasi** during December 19-22, 2022.
- Presented a paper in **3rd Conference on Algebra, Analysis and Applications** organized by **Dr. B.R. Ambedkar University,** Delhi on August 5, 2022.
- Delivered a contributed talk in **35th Annual Conference of the Ramanujan Mathematical Society** organized by **Central University of Rajasthan**, Ajmer during December 28-30, 2020.
- Participated in the **Indo-French Seminar on Optimization, Variational Analysis and Applications** held at Department of mathematics, Institute of science, **Banaras Hindu University (BHU), Varanasi** during February 02-04, 2020.
- Volunteered in the **33rd Annual Conference of the Ramanujan Mathematical Society** held at Department of Mathematics, **University of Delhi** during June 01-03, 2018.
- Presented a paper in the National **Research Scholars' Seminar** organized by the Department of Mathematics, **University of Delhi** on December 18, 2018.