CURRICULUM VITAE

Satish Kumar
Assistant Professor
Department of Mathematics,
PGDAV College, University of Delhi,
Nehru Nagar, New Delhi, India-110065
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Career Objective:

To become a professional teacher and researcher in mathematics where I can show my talent in my subject, use my ability to teach and develop students' brains in reasoning as well as the qualitative approach in mathematics and in turn add business value to the organization which I would work for.

Educational Qualification:

➢ **Ph.D.** Pursuing from department of mathematics, University of Delhi.
➢ **Master of Science (M.Sc.)** from department of Mathematics, C.C.S. University, Meerut in 2008.
➢ **Bachelor of Science (B.Sc.)** from C.C.S. University, Meerut in 2006.

➢ **Intermediate (10+2)** from U.P. Board in 2003.
➢ **High School (10)** from U.P. Board in 2001.

Working Experience:

[1] **Assistant Professor,** Dept. of Mathematics, Rajdhani College, University of Delhi, New Delhi-110015, From November 3, 2010 to December 19, 2014.
[2] **Assistant Professor**, Dept. of Mathematics, Shivaji College, University of Delhi, New Delhi-110027, from January 5, 2015 to February 27, 2022.
[3] **Assistant Professor**, Dept. of Mathematics, PGDAV College, University of Delhi, New Delhi-110065, from February 28, 2022 to till date.

Published Papers in International Journals:

1. Ankit Gupta, **Satish Kumar,** Ratna Dev Sarma, Pankaj Kumar Garg and Reny George. A note on the generalized nonlinear vector variational-like inequality problem. *J. Funct. Spaces* **2021,** Art. ID 4488217, 7 pp. MR4296643

2. **Satish Kumar**., Ankit Gupta, P. K. Garg, and R. D. Sarma, "Topological solutions of η-generalized vector variational-like inequality problems." *Math. Appl* 10, no. 2 (2021): 115-123.

3. **Satish Kumar**, Ankit Gupta, and Pankaj Kumar Garg, "Topological variants of vector variational inequality problem." *La Matematica* 1, no. 4 (2022): 731-739.

4. Contribute a chapter in the edited book "Advances in Topology and Their Interdisciplinary Applications" published by **Springer,** in May 2023.

5. **Satish Kumar** and Ankit Gupta, "Well-posedness of generalized vector variational inequality problem via topological approach." *Rendiconti del Circolo Matematico di Palermo Series 2* (2023): 1-9.

6. Biswjit Tahu, Mansi Dhingra**, Satish Kumar**, and Pankaj Kumar Garg, "Levitin− Polyak Well-Posedness for Parametric Set Optimization Problem." *Carpathian Journal of Mathematics* 39, no. 2 (2023).

Paper Presented at the Conference:

1. In the International Conference "Indo-French Seminar on Optimization, Variational Analysis and Applications" titled as "**Lagrangian duality and saddle point optimality in set optimization problem using improvement set**"organized by **Department of Mathematics, Institute of Science, Banaras Hindu University, Varanasi, India** on February 2-4-2020.
2. In the National Conference "35th Annual Conference of the Ramanujan Mathematical Society" titled as "**Levitin-Polyak well-posedness for parametric set optimization problem**" organized by **Department of Mathematics, Central University of Rajasthan, Ajmer** on December 28-30, 2020.
3. In the International Conference "An International Conference on Sustainable and Development: Modelling and Optimization" titled as "**Topological variants of vector variational inequality problem**" organized by **Operational Research Society of India, Meerut Chapter** on Feb 16-17, 2021.
4. In the National Conference "National Conference on Pure and Applied Mathematics" titled as "**A topological approach to the generalized vector variational inequality problem**" organized by **National Institute of Technology, Manipur, Imphal** on March 6-7, 2021.
5. In the International Conference "Recent Trends in Mathematics" titled as "**A topological to the extended mixed vector equilibrium problem**" organized **by Mahatma Hansraj Faculty Development Centre, Hansraj College, University of Delhi** on December 22-24, 2021.
6. In the International Conference "Analysis and its Applications" titled as "**WELL-POSEDNESS OF GENERALIZED VECTOR VARIATIONAL INEQUALITY PROBLEM VIA TOPOLOGICAL APPROACH"** organized **by Shivaji College, University of Delhi** on Feb 27-28, 2023.
7. In the international conference "Variational analysis and optimization with applications" titled as "**Vector saddle point problem through topological approach**" organized by **Department of Mathematics, Aligarh Muslim University, Aligarh** during September 23-25, 2023.

Workshop/Seminar/Conference/FDP/FIP:

1. Workshop on "Computational Optimization" organized by Department of Mathematics, Sri Venkateswara College, University of Delhi on February 5, 2016.
2. Workshop on "scientific Writing and Communications" organized by Atma Ram Sanatan Dharma College, University of Delhi on February 20-21, 2017.
3. Faculty Development Programme on "Emerging Trends in Mathematics" organized by Atma Ram Sanatan Dharma College, University of Delhi on February 1, 2018.
4. Training course on "Introduction to Matlab" organized by Delhi University Computer Centre, University of Delhi on April 23-27, 2018.
5. National Conference "The 33rd Annual Conference of the Ramanujan Mathematical Society" held at Department of Mathematics, University of Delhi on June 1-3, 2018.
6. Participated in the "National Research Scholar's Seminar" organized by Department of mathematics, University of Delhi on December 28, 2018.
7. One Weak Faculty Development Programme on "Biomathematics" organized by Shivaji College, University of Delhi in Collaboration with Mahatma Hansraj Faculty Development Centre Hansraj College, University of Delhi on August 1-7, 2019.
8. International Conference "52nd Annual Convention of the Operational Research Society of India and International Conference, 2019" held at the Indian Institute of Management Ahmedabad on December 15-18, 2019.

9. Two-weeks Faculty Development Programme on "Computer Algebra System", held during March 22 – April 03, 2023, organized by IQAC, Ramjas College, University of Delhi, in collaboration with Mahatma Hansraj Faculty Development Centre, Hansraj College, University of Delhi.
10. Four-week Faculty Induction/Orientation Programme for "Faculty in Universities/ Colleges/ Institutes of Higher Education", held during April 23, 2023 – May 22, 2023, organized by Teaching Learning Cell, Ramanujan College, University of Delhi, in collaboration with Army Institute of Education (AIE), Greater Noida affiliated to Guru Gobind Singh Indraprastha University, Delhi under the aegis of Ministry of Education Pandit Madan Mohan Malviya National Mission on Teachers and Teaching.

Software Skills:
➢ *Programming Language:* C/C++, R.
➢ *Software Package:* MATLAB, MATHEMATICA.
➢ *Typesetting Software:* MS-Office, LaTeX.
➢ *Operating Systems:* Windows.

PERSONAL DETAILS:
Father's Name   : Late Shri Mohan Lal
Mother's Name   : Mrs. Rishpali Devi
Occupation   : House Wife
Date of Birth   : June 20, 1986

Marital Status	: Married
Gender	: Male
Nationality	: Indian
Permanent Address	: D-28, Apna Ghar Colony, Behind SSV College,
	Hapur, UP-245101

MY HOBBIES:

➢ Visiting holy and historical places.

➢ Updating my key skills.

DECLARATION:

  I hereby certify all the information provided here is correct to the best of my knowledge.

Place: New Delhi

Date: **Satish Kumar**