CURRICULUM VITAE

DR. UDAY SHARMA

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TEACHING EXPERIENCE:

S.No,	Organization	Designation	From	TO	Time Period
1	Govt. P.G. College, Manila, Utharakhand	Assistant Professor	31.07.24	Till date	
2	JIMS Engineering Management Technical Campus	Associate Professor	15.01.24	23.07.24	6 months
3	Teach M.Sc. (Mathematics) in Non Collegiate Women's Education Board (NCWEB), University of Delhi	Visiting faculty	22.07.23	16.05.24	9 months
4	St Stephen's College, University of Delhi	Visiting faculty	06-10-23	12.12.23	2months
5	Netaji Subhas University of Technology	Visiting faculty	14-07-23	14.1.24	6 months
6	P.G.D.A.V. College (Eve.) University of Delhi	Assistant Professor	01-01-18	29-06-23	5 years 5 months 29 days
7	Indraprastha College for Women, University of Delhi	Assistant Professor	20-07-15	31-12-17	2 years 5 months 11 days
8	Satywati College Day, University of Delhi	Assistant Professor	06-01-15	05-05-15	4 months

9.	Indraprastha College for Women, University of Delhi Delhi	Assistant Professor	25-08-2014	19-12-2014	3 months 27 days

EDUCATION :

✧ **Ph. D.** from Department of Mathematics, **University of DELHI awarded in 2018.**

    Thesis Title: VARIANTS OF MULTI-OBJECTIVE PROGRAMMIN
                 PROBLEM IN FUZZY ENVIRONMENT
    Supervisor : Prof. Shashi Aggarwal,
                 Department of Mathematics, Miranda House,
                 University of Delhi.

Degree	Institution	Year of Passing	%
M.Sc. Maths	University of Delhi	2010	67.81
B.Sc.(H) Maths	University of Delhi	2008	81.55
12th	C.B.S.E.	2005	74
10th	C.B.S.E.	2003	76.2

Administrative work :

- **Head of B.Com Department from 17.01.2024 to 17.04.2024.**
- **Resource person in one week FDP on DATA analysis using R software in P.G.D.A.V. College (Eve.)**
- **Organized the one week FDP on DATA analysis using R software in P.G.D.A.V. College (Eve.)**
- **Organize the 30 hour Python add on course in P.G.D.A.V. College (Eve.)**
- **Co-Convener of Mentor –Mentee committee from 2018 to 2023 in P.G.D.A.V. College (Eve.)**

List of Publications in Science Citation Index (SCI)/ Scopus Journal :

1) **Uday Sharma and Shashi Aggarwal, Solving fully fuzzy multi-objective linear programming problem using nearest interval approximation of fuzzy number and interval programming**, *International Journal of Fuzzy Systems,* **20 (2) feb 2018, 488-499**. **Impact Factor – 4.085, in UGC List.**

2) **Shashi Aggarwal and Uday Sharma, Implementing deviation degree of two closed intervals to decode fully fuzzy multi-objective linear programming problem,** *Journal of Intelligent & Fuzzy Systems***, 31 (2016) 443-455. Impact Factor – 1.73, in UGC List.**

3) **Shashi Aggarwal and Uday Sharma, A new approach for solving fully fuzzy multi-choice multi-objective linear programming problem,** *Annals of Fuzzy Mathematics and Informatics***, 1 (2016), 439-459. Index in MATHSCINET, in UGC List.**

List of Publications other than SCI Journals :

1. Uday Sharma, A new lexicographical approach for ranking fuzzy numbers, *Mathematical Theory and Modeling*, 5 (2015) 143-152. **Index in EBSCO, in UGC List.**

2. Uday Sharma, Solving Fully Fuzzy Linear Programming Problem Via Similarity Measure, *International Journal of Science and Research*, 7 (2015) 431-433.

3. Uday Sharma, A New method for Solving Fully Fuzzy Linear Programming Problem, *International Journal of Science and Research*, 7 (2015) 428-430.

4. Shashi Aggarwal and Uday Sharma, A Computational Procedure for Solving a Non-Convex Multi-Objective Quadratic Programming Under Fuzzy Environment, *International Journal of Pure and Applied Mathematics*, 89 (2013) 511-529. **Index in SCOPUS, in UGC List.**

5. Shashi Aggarwal and Uday Sharma, Fully Fuzzy Multi-Objective Linear Programming solution via Deviation Degree, *International Journal of Pure and Applied Science and Technology*, 19 (2013) 49-64. **Index in EBSCO host, in UGC List.**

Paper presented in the International Conference:

1) **International Conference on Recent Advances in Optimization Theory & Applications** held on Jan. 30 – Jan. 31 2016 in University of Delhi.

2) **International Conference on Modeling, Simulation & Optimizing Techniques (ICMSOT-2015)** held on Feb. 12 – Feb. 14 2015 in DAV College, Jalandhar.

3) **CIMPA – UNESCO RESEARCH SCHOOL 2013** held on Nov. 25 – Dec. 6 2013 in University of Delhi.

Paper presented in the National Conference :

1) **Research Scholar Seminar** held on Feb. 23 - Feb. 24 2015 in Dept. of Mathematics, University of Delhi.

2) **National Seminar for Research Scholars** held on Sept. 20-21 2013 in Dept. of Mathematics, University of Delhi.

3) **National Conference on Mathematical & Computational Modeling, MCM-2013** held on May 24-26, 2013, organized by Vijnana Parishad of India in IBS, AGRA.

Participated in the International Conference :

1. **International Symposium on Applied Optimization and Game-Theoretic Models** held on Jan 9-11, 2013 organized by Indian Statistical Institute Delhi Center, India.

2. **International Conference "THE LEGACY OF SRINIVASA RAMANUJAN"** held on Dec 17-22, 2012 organized by University of Delhi, India.

3. **International Conference on Optimization Modelling & Applications** held on Nov 29 – Dec 01 2012 organized by Department of Operational Research, University of Delhi, India.

Participated in the Workshop :

1) **Faculty Development Program** held on Aug. 05 - Aug. 11 2016 in Indraprastha College for Women, University of Delhi.

2) **Training Programme on Optimization & Its Applications** held on Nov 26 – Nov 28, 2012 organized by Department of Operational Research, University of Delhi, India.

3) Level 0 of Programme: **"Mathematics Training and Talent Search Programme"** organized by **National Board of Higher Mathematics (NBHM)** held on June 4- 30, 2007 in Punjab University, Chandigarh, India.

Fellowship :

❖ **Junior Reearch Fellowship (JRF)** of **CSIR** from 02-01-2012 to 31-01-2014.

❖ **Senior Reearch Fellowship (SRF)** of **CSIR** from 01-02-2014 to 22-08-2014, 20-12-2014 to 05-01-2015 and 06-05-2015 to 19-08-2015.

Additional Qualification :

❖ First class throughout X^{th} , XIIth, B.Sc.(H) and M.Sc.

❖ Cleared **JRF** in Mathematics of **Indian Space Research Organisation (ISRO)** in **2013.**

❖ Cleared **JRF** of **Council Scientific & Industrial Research (CSIR)** in **JUNE 2011** and got 66 Rank out of 267.

❖ Cleared **GATE** in **Mathematics** in **2011** and got 88 percentile.

❖ Cleared **LS** of **Council Scientific & Industrial Research (CSIR)** in **Dec. 2010** and got 65 Rank out of 178.

Academic/Administrative Responsibilities :

❖ **Member of the Website committe** from 20-07-2017 till date in the INDRAPRASTHA COLLEGE FOR WOMEM.

❖ **Member of the B.A. (Programme) committe** from 20-07-2015 to 19-05-2017 in the INDRAPRASTHA COLLEGE FOR WOMEM.

❖ Organizing Quiz and various events in the Maths department annual fest (**Paridhi**).

❖ Various duties in the I.P. College for Women fest (**Shurti**).

❖ Result Analysis of B.Sc. (H) Maths and B.A. (Prog.).

❖ Paper Checking.

❖ Invigilation duties.

AWARDS AND EXTRA CURICULAR ACTIVITIES :

❖ **Work as a volunteer in INTERNATIONAL CONFERENCE "CIMPA – UNESCO RESEARCH SCHOOL 2013"** held on Nov. 25 – Dec. 6 2013 in University of Delhi.

❖ **Work as a volunteer in INTERNATIONAL CONFERENCE "THE LEGACY OF SRINIVASA RAMANUJAN".**

❖ **Hold 2nd position in B.Sc (H) Maths.**

❖ **Hold first division throughout academic career.**

* Participated in Math Quiz Organized by: **HARISH CHANDRA MATHEMATICS SOCIETY of Deen Dayal Upadhyaya College.**
* Participated in the Geography Talent Search Examination Organized by: **ACADEMY OF GEOGRAPHY TEACHERS, DELHI.**

SKILLS :

Operating System: Windows XP, 98, MS Dos

Language: FORTRAN, PYTHON

APPLICATION SKILLS :

MS-word, Excel, PowerPoint, LINGO, Mathematica, LINGO

Personal Details :

Date of Birth	29th Jan. 1988
Sex	Male
Marital Status	Married
Nationality	Indian
Father's Name	Sh. Yog Raj Sharma
Languages	English, Hindi

Place: Delhi
DATE: 13.08.2024   **(UDAY SHARMA)**