Sri Venkateswara College

(University of Delhi)
Benito Juarez Road, New Delhi - 110021
(Phone No. - 011-2411 2196 : Email - principal@svc.ac.in)

Print Date : 24-11-2026

1. Personal Profile

Title: **Dr.** First Name: **RAVINDRA** Last Name: **KUMAR UPADHYAY**



Designation: **ASSISTANT PROFESSOR** Mobile No. **----------**

Phone No. (Office) **----------** Phone No. (Residence): **----------**

Email: **rkupadhyay@svc.ac.in** Webpage: **----------**

Facebook: ---------- Twitter: ----------

LinkedIn: ---------- Instagram: ----------

Youtube: ---------- Research Gate Link: ----------

Google Scholar Link:

Address: **S. V. COLLEGE, UNIVERSITY OF DELHI, BENITO JUAREZ ROAD, NEW DELHI - 110021.**

2. Educational Qualifications

Degree/ Certification	Institution	Year

3. Career Profile & Administrative Assignments

Category	Role/ Designation	Department/ Committee	Date From - To	Remarks
ADMINISTRATIVE ASSIGNMENTS	TEACHER-IN-CHARGE	DEPARTMENT OF CHEMISTRY Sri Venkateswara College, University of Delhi	19.Jun.2025 - 30.Jun.2026	
ADMINISTRATIVE ASSIGNMENTS	CONVENER	COMPETITIVE EXAM CELL Sri Venkateswara College, University of Delhi	01.Jul.2025 - Till date	
ADMINISTRATIVE ASSIGNMENTS	MEMBER	CANTEEN COMMITTEE Sri Venkateswara College, University of Delhi	01.Jul.2025 - Till date	
ADMINISTRATIVE ASSIGNMENTS	COORDINATOR	CHEMISTRY - RASAGYA Sri Venkateswara College, University of Delhi	19.Jun.2025 - 30.May.2026	

4. Other Profiles

Other Profile Name/ Description

SUBJECTS TAUGHT

Organic Chemistry - Reagents, Reactions, and Chemical Processes.

RESEARCH COLLABORATIONS

???Collaboration Overview: Research & Innovation with ILBS

Partnering with the **Institute of Liver and Biliary Sciences (ILBS), New Delhi**—a premier apex medical institution and Deemed University—bridges advanced chemical/biological research with cutting-edge clinical application.

Key highlights of this collaborative effort include:

- **Targeting Resistant Pathogens:** Combining expertise in synthetic organic chemistry and microbiological evaluation to evaluate novel sulfur-linked 1,2,3- and 1,2,4-triazole hybrid compounds as multi-target antibacterial agents to combat antimicrobial resistance (AMR).
- **Translational Medical Research:** Leveraging ILBS's world-class diagnostic, biobanking, and clinical facilities to evaluate compound efficacy, toxicity, and mechanism of action against clinical bacterial isolates and hospital-acquired resistant strains.

AREAS OF INTEREST/ SPECIALIZATION

Organic Chemistry

5. Research Guidance

Year	Guide For	Title of the Dissertation/ Thesis	Scholar Name	Status

6. Research Projects

Year	Title of Project	Sponsorship Agency	Duration	Amount Sanctioned	Date of Sanction
2026	"Synthesis, Characterization and Antibacterial Evaluation of a Sulfur-Linked 1,2,3 and 1,2,4-Triazole Hybrid: A Multi-Target Approach to Combat Antimicrobial Resistance"	Indian Council of Medical Research - ICMR	3 years	4250000/-	13.Feb.2026

7. Publications

Category	Publication Name	Title	Name of Author	Reference Link/ DOI Link	Publication (Month-Year)
JOURNAL PAPER (International)	Experimental and Theoretical Studies for Noncovalent Interactions Analysis of 2-Mercaptopyrimidine Derivative and Their Antimicrobial Activities	Russian Journal of General Chemistry	A. Jaiswal, M. Mishra, J. Singh, R. K. Upadhyay, A. K. Pal, and R. Kumar (Joint Author)	10.1134/S1070363224611773	January 2025

RESEARCH PAPERS (International)	Design and synthesis of novel spirocyclic oxindole based hybrid scaffolds: in silico docking approach towards therapeutic target explorat	Royal Society of Chemistrty	Ravindra Kumar Upadhyay, Keshav Kumar Saini, Ravi Kant, Neha Chaudhary, Yogita Tonger, Arun Kumarf and Rakesh Kumar (First Author)	DOI: 10.1039/d5ra07175e	September 2025
RESEARCH PAPERS (International)	Design, synthesis, molecular docking and DFT studies on novel melatonin and isatin based azole derivatives	Royal Society of Chemistrty	Keshav Kumar Saini, Ravindra Kumar Upadhyay, Ravi Kant, Arpita Vajpaee, Kalpana Jain, Amit Kumar, Lalita S. Kumar and Rakesh Kumar (Joint Author)	DOI: 10.1039/d3ra05531k	September 2023
RESEARCH PAPERS (International)	Multi-functionalized biologically active isatin tagged dihydropyrimidine derivatives: green synthesis by the use of recyclable Fe-dopped Ce oxide nanoparticles, computational studies and ex vivo cytotoxic activity against breast cancer cells	Royal Society of Chemistrty	Keshav Kumar Saini, Ravindra Kumar Upadhyay, Diksha Rani, Smaranjot Kaur, Ravi Kant, Sanjay Kumar Dey* and Rakesh Kumar * (Joint Author)	DOI: 10.1039/d5ra07279d	November 2025

8. Books

Category	Book Name	Title	Name of Author	ISSN/ ISBN Number

9. Faculty Achievements

Year	Category of Achievement	Role	National/ International etc.	Name	Date From-To
2024	FACULTY DEVELOPMENT PROGRAM ATTENDED	PARTICIPANT	National	NEP 2020 Orientation & Sensitization Programme	18.Sep.2024 - 28.Sep.2024
2025	FACULTY INDUCTION PROGRAM ATTENDED	PARTICIPANT	National	UGC- Sponsored Faculty Induction Programme	18.Jun.2025 - 15.Jul.2025

Dr. RAVINDRA KUMAR UPADHYAY