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: **SHEFALI** Last Name: **SHUKLA**



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

Phone No. (Office) **011-24112196** Phone No. (Residence): **----------**

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

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

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

Youtube: **----------** Research Gate Link: **https://www.researchgate.net/profile/Shefali-Shukla-4**

Google Scholar Link: **https://scholar.google.com/citations?user=UWyNBOW1SWkC&hl=en**

Address: **----------**

2. Educational Qualifications

Degree/ Certification	Institution	Year
PhD	University of Delhi	2002

3. Career Profile & Administrative Assignments

Category	Role/ Designation	Department/ Committee	Date From - To	Remarks
CAREER PROFILE	ASSISTANT PROFESSOR	DEPARTMENT OF CHEMISTRY Sri Venkateswara College	13.Aug.2004 - Till date	
CAREER PROFILE	ASSISTANT PROFESSOR	DEPARTMENT OF CHEMISTRY Hindu College	25.Jul.2003 - 30.Apr.2004	
CAREER PROFILE	ASSISTANT PROFESSOR	DEPARTMENT OF CHEMISTRY Kirori Mal College	09.Aug.2002 - 30.Apr.2003	
ADMINISTRATIVE ASSIGNMENTS	MEMBER	INTERNAL COMPLAINT COMMITTEE Sri Venkateswara College	09.Apr.2024 - Till date	

ADMINISTRATIVE ASSIGNMENTS	MEMBER	COLLEGE DISCIPLINARY AND PROCTORIAL COMMITTEE Sri Venkateswara College	03.Nov.2025 - Till date	
ADMINISTRATIVE ASSIGNMENTS	MEMBER	ADMISSIONS GRIEVANCE COMMITTEE Sri Venkateswara College	17.Jun.2017 - 30.Jun.2023	
ADMINISTRATIVE ASSIGNMENTS	MEMBER	TIME-TABLE COMMITTEE Sri Venkateswara College	26.May.2019 - 18.Jun.2025	
ADMINISTRATIVE ASSIGNMENTS	CO-COORDINATOR	NAAC CRITERION 6 Sri Venkateswara College	01.Jul.2024 - Till date	
ADMINISTRATIVE ASSIGNMENTS	CONVENER	ABHIGYA MAGAZINE Sri Venkateswara College	01.Jul.2024 - 15.May.2025	
ADMINISTRATIVE ASSIGNMENTS	MEMBER	DEPARTMENT OF CHEMISTRY Sri Venkateswara College	01.Jul.2024 - Till date	Incharge, Departmental Book Bank committee
ADMINISTRATIVE ASSIGNMENTS	MEMBER	DEPARTMENT OF CHEMISTRY Sri Venkateswara College	01.Jul.2024 - 30.May.2025	Departmental Time-Table Committee
ADMINISTRATIVE ASSIGNMENTS	MEMBER	DEPARTMENT OF CHEMISTRY Sri Venkateswara College	01.Jul.2024 - 30.May.2025	Departmental stock verification Committee
ADMINISTRATIVE ASSIGNMENTS	MEMBER	DEPARTMENT OF CHEMISTRY Sri Venkateswara College	01.Jul.2024 - 30.May.2025	Departmental NAAC Committee
ADMINISTRATIVE ASSIGNMENTS	MEMBER	TIME-TABLE COMMITTEE Sri Venkateswara College	01.Jul.2023 - 18.Jun.2025	
ADMINISTRATIVE ASSIGNMENTS	MEMBER	ADMISSIONS COMMITTEE Sri Venkateswara College	01.Jul.2023 - 18.Jun.2025	
ADMINISTRATIVE ASSIGNMENTS	ASSISTANT PROFESSOR	MENTOR MENTEE Sri Venkateswara College	01.Jul.2024 - 30.Jun.2025	
ADMINISTRATIVE ASSIGNMENTS	ASSISTANT PROFESSOR	SRIVIPRA MENTOR Sri Venkateswara College	01.Jul.2024 - 15.Oct.2025	

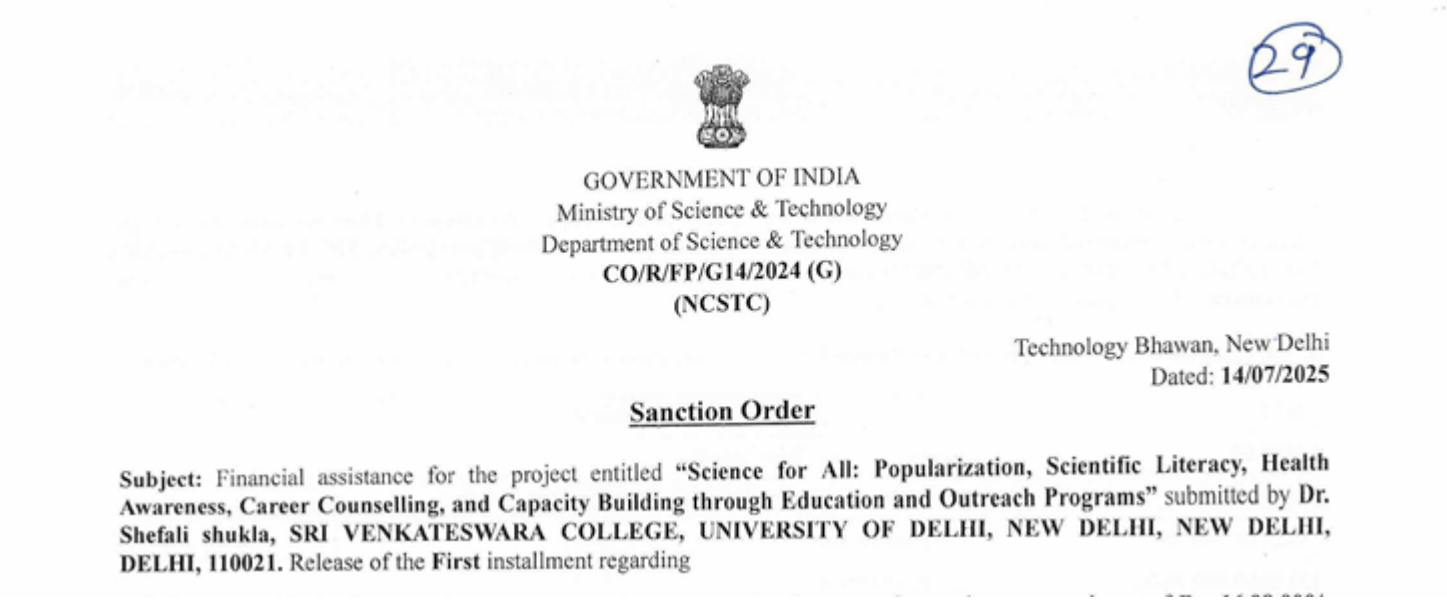
4. Other Profiles

Other Profile Name/ Description

UG/ PG RESEARCH PROJECTS/ INTERNSHIPS

Supervised 9 students from Sri Venkateswara College under Summer Internship Projects scheme-SRIVIPRA, SVP-2444, entitled “**Supramolecular Innovations: Unveiling Their Advantages in Disease Treatment**”

PROJECT MOUs



29

GOVERNMENT OF INDIA
Ministry of Science & Technology
Department of Science & Technology
CO/R/FP/G14/2024 (G)
(NCSTC)

Technology Bhawan, New Delhi
Dated: **14/07/2025**

Sanction Order

Subject: Financial assistance for the project entitled **"Science for All: Popularization, Scientific Literacy, Health Awareness, Career Counselling, and Capacity Building through Education and Outreach Programs"** submitted by **Dr. Shefali shukla, SRI VENKATESWARA COLLEGE, UNIVERSITY OF DELHI, NEW DELHI, NEW DELHI, DELHI, 110021.** Release of the **First** installment regarding

UG/ PG RESEARCH PROJECTS/ INTERNSHIPS

Mentored 9 UG students under Sri Venkateswara Internship Program for Research in Academics (SRIVIPRA 2024) "Supramolecular Innovations: Unveiling Their Advantages in Disease Treatment"

CONTRIBUTION TOWARDS DEVELOPMENT OF E-CONTENTS/ MOOCS

1. **Published an e- lesson plan 'Breathless Oceans: Impact of Climate Change on Dissolved Oxygen'at tropicsu.org. TROPICSU (A global project funded by the International Council of Science), 2024 on 'Dissolved Oxygen' at tropicsu.org. TROPICSU (A global project funded by the International Council of Science), 2024**

2. **Published an e- lesson plan 'Plastic rain' tropicsu.org. TROPICSU (A global project funded by the International Council of Science), 2024 global project funded by the International Council of Science), 2024**

3. **Published an e- lesson plan 'Aerosols and Climate' at tropicsu.org. TROPICSU (A global project funded by the International Council of Science), Feb 2019 TROPICSU (A global project funded by the International Council of Science), Feb 2019**

4. **Published an e- lesson plan 'Black carbon and its impact on Earth's Climate'at tropicsu.org. TROPICSU (A global project funded by the International Council of Science), August Climate'at tropicsu.org. TROPICSU (A global project funded by the International Council of Science), August 2020**

WORKSHOP/ SEMINAR/ CONFERENCE/ WEBINAR ORGANIZED

Co-coordinator of a five days “Lab staff Training Workshop” for Lab staff across all sciences at Sri Venkateswara College, University of Delhi during 17th January- 24th January 2024.

WORKSHOP/ SEMINAR/ CONFERENCE/ WEBINAR ORGANIZED

Co-coordinator of a two days Training Program on ‘Educational Administration for non-teaching staff of Universities and its colleges’ at Sri Venkateswara College, University of Delhi during 15th June- 16th June

CERTIFICATE COURSE/ SHORT TERM COURSE ORGANIZED

Co-convenor of Add on course on “Food Science and Technology: Farm to Fork” for students pursuing any degree program in science course at Sri Venkateswara College, University of Delhi during 14th August-9th November

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
2025	Science for All: Popularization, Scientific Literacy, Health Awareness, Career Counselling, and Capacity Building through Education and Outreach Programs	DST	2 years	1358400 (for 1st year)	19.May.2025
2013	Design, synthesis, and study of novel oxygen heterocyclics as potential antitubercular, antibacterial and antiviral agents	University of Delhi	1 year	6 lakh	26.Nov.2013
2015	Targeting Environmental Sustainability in Industrial waste water and soil treatment through Phytoremediation with Calendula Officinalis in Bhiwadi Industrial Area	University of Delhi	1 year	4.5 lakh	01.Sep.2015

7. Publications

Category	Publication Name	Title	Name of Author	Reference Link/ DOI Link	Publication (Month-Year)

JOURNAL PAPER (International)	Multifunctional metal-organic frameworks in breast cancer therapy: Advanced nanovehicles for effective treatment	European Journal of Medicinal Chemistry	Shefali Shukla , Dipankar Bagchi, Divya , Khushi , Y. Veera Manohara Reddy , Jong Pil Park (Corresponding Author)	https://doi.org/10.1016/j.ejmech.2025.117424	May 2025
JOURNAL PAPER (International)	Navigating cancer therapy: Harnessing the power of peptide-drug conjugates as precision delivery vehicles	European Journal of Medicinal Chemistry	Bulbul Sagar , Sarthak Gupta , Sarvesh Kumar Verma , Y. Veera Manohara Reddy , Shefali Shukla (Corresponding Author)	https://doi.org/10.1016/j.ejmech.2024.117131	February 2025
JOURNAL PAPER (International)	Nanobiopolymers in cancer therapeutics: advancing targeted drug delivery through sustainable and controlled release mechanisms	Journal of Materials Chemistry B	Shikha Gulati, Nabeela Ansari, Yamini Moriya, Kumud Joshi, Disha Prasad, Gargi Sajwan, Shefali Shukla, Sanjay Kumar and Rajender S. Varma (Joint Author)	https://doi.org/10.1039/D4TB00599F	October 2024
JOURNAL PAPER (International)	Supramolecular Chemotherapy with Cucurbit[n]urils as Encapsulating Hosts.	ACS Applied Bio Materials	Shefali Shukla, Bulbul Sagar, Anantpreet Kaur Sood, Abhay Gaur, Sanjay Batra, Shikha Gulati (First Author, Corresponding Author)	https://doi.org/10.1021/acsabm.3c00244	October 2023
JOURNAL PAPER (International)	Insight into the Tubulin-Targeted Anticancer Potential of Noscapine and its Structural Analogs	Anti-Cancer Agents in Medicinal Chemistry	Sanjay Kumar, Bulbul Sagar, Abhay Gaur, Shefali Shukla, Ekta Pandey, Shikha Gulati (Joint Author)	10.2174/1871520622666220804115551	September 2022

JOURNAL PAPER (International)	Chalcone Scaffolds as Anticancer Drugs: A Review on Molecular Insight in Action of Mechanisms and Anticancer Properties	Anti-Cancer Agents in Medicinal Chemistry	Shefali Shukla, Anantpreet K. Sood, Kartika Goyal, Ambika Singh, Vaidehi Sharma, Neha Guliya, Shikha Gulati and Sanjay Kumar (First Author)	10.2174/1871520620999201124212840	November 2020
JOURNAL PAPER (International)	Emerging theranostic gold nanostructures to combat cancer: Novel probes for Combinatorial Immunotherapy and Photothermal Therapy	Cancer Treatment and Research Communications	Sanjay Kumar, Ayush Mongia , Shikha Gulati, Parinita Singh, Anchita Diwan, Shefali Shukla (Joint Author)	https://doi.org/10.1016/j.ctarc.2020.100258	December 2020
JOURNAL PAPER (International)	Functionalized gold nanostructures: promising gene delivery vehicles in cancer treatment	RSC Advances	Sanjay Kumar, Anchita Diwan, Parinita Singh, Shikha Gulati, Devanshu Choudhary, Ayush Mongia, Shefali Shukla and Akanksha Gupta (Joint Author)	DOI https://doi.org/10.1039/C9RA03608C	August 2019
JOURNAL PAPER (International)	Luminescence, circular dichroism and in silico studies of binding interaction of synthesized naphthylchalcone derivatives with bovine serum albumin	Luminescence	Sharda Pasricha, Deepti Sharma, Himanshu Ojha, Pragya Gahlot, Mallika Pathak, Mitra Bas, Raman Chawla, Sugandha Singhal, Anju Singh, Rajeev Goel, Shrikant Kukreti, Shefali Shukla (Joint Author)	https://doi.org/10.1002/bio.3319	May 2017

JOURNAL PAPER (International)	Exploring Coumarin and Chalcone Analogues as Potential Antimycobacterial Agents	Anti-Infective Agents	Author(s): Shefali Shukla , Pragya Gahlot , Ameya Khandekar , Arush Agrawal and Sharda Pasricha (First Author)	10.2174/2211352515666171120142559	August 2017
JOURNAL PAPER (International)	Brominated derivatives of noscapine are potent microtubule-interfering agents that perturb mitosis and inhibit cell proliferation	Molecular Pharmacology	Jun Zhou, Kamlesh Gupta, Shefali Aggarwal, Ritu Aneja, Ramesh Chandra, Dulal Panda, Harish C Joshi (Joint Author)	10.1124/mol.63.4.799	April 2003
JOURNAL PAPER (International)	Mass spectral studies on aryl-substituted N-carbamoyl/N-thiocarbamoyl narcotine and related compounds	Rapid Communications in Mass Spectrometry,	Shefali Aggarwal, Narendra N. Ghosh, Ritu Aneja, Harish Joshi, Ramesh Chandra (First Author)	https://doi.org/10.1002/rcm.661	April 2002
JOURNAL PAPER (International)	An opium alkaloid-papaverine ameliorates ethanol-induced hepatotoxicity: Diminution of oxidative stress	Indian Journal of Clinical Biochemistry	Ramesh Chandra, Ritu Aneja, Charu Rewal, Rama Konduri, Sujaka K. Dass & Shefali Agarwal (Joint Author)	https://doi.org/10.1007/BF02883745	July 2000
JOURNAL PAPER (International)	A Convenient Synthesis of Aryl-Substituted N-Carbamoyl/N-Thiocarbamoyl Narcotine and Related Compounds	Helvetica Chimica Acta	Shefali Aggarwal, Narendra N. Ghosh, Ritu Aneja, Harish Joshi, and Ramesh Chandra (First Author)	https://doi.org/10.1002/1522-2675(200208)85:8<2458::AID-HLCA2458>3.0.CO;2-L	August 2002

CHAPTER (International)	Application of Cyclodextrin-Based Nanosponges in Soil and Aquifer Bioremediation/ Nanosponges for Environmental Remediation	Springer Nature Switzerland	Shefali Shukla, Bulbul Sagar and Sarthak Gupta (First Author, Corresponding Author)	https://doi.org/10.1007/978-3-031-41077-2_7	October 2023
CHAPTER (International)	Concluding Remarks and Future Perspectives of Nanosponges in Environmental Remediation/ Nanosponges for Environmental Remediation	Springer Nature Switzerland	Shefali Shukla, Ankita Sangwan, Nandini Pabreja, and Shikha Gulati (First Author, Corresponding Author)	https://doi.org/10.1007/978-3-031-41077-2_20	October 2023
CHAPTER (International)	Conclusion and Future Prospects of Chitosan-Based Nanocomposites/ Chitosan-Based Nanocomposite Materials	Springer Nature Switzerland	Sanjay Kumar, Abhigyan Sarmah Gogoi, Shefali Shukla, Manoj Trivedi & Shikha Gulati (Joint Author)	https://doi.org/10.1007/978-981-19-5338-5_14	October 2022
CHAPTER (International)	Designing, Synthesis, and Applications of Covalent Organic Frameworks (COFs) for Diverse Organic Reactions	Springer Nature Switzerland	Shefali Shukla, Abhay Gaur, Shikha Gulati (First Author, Corresponding Author)	https://doi.org/10.1007/978-981-16-7959-9_12	February 2022
CHAPTER (International)	Kinetic Stability of Robust Metal–Organic Frameworks(MOFs) in Catalytic Reactions	Springer Nature Switzerland	Sanjay Kumar, Sweta Kumari, Shikha, Shefali Shukla, and Shikha Gulati (Joint Author)	https://doi.org/10.1007/978-981-16-7959-9_2	February 2022

8. Books

Category	Book Name	Title	Name of Author	ISSN/ ISBN Number
BOOK (National)	A Textbook of Green Chemistry: Benign by Design	Dr Shefali Shukla, Dr Shikha Gulati, Dr Sanjay Kumar Batra (First Author)	Shree Kala Prakashan	ISBN: 978-93-85329-44-9
BOOK (National)	2. Practical Green Chemistry: Strategies, Tools and Experiments	Dr Shikha Gulati, Dr. Shefali Shukla, Dr Sanjay Kumar Batra (Joint Author)	Shree Kala Prakashan	

9. Faculty Achievements

Year	Category of Achievement	Role	National/ International etc.	Name	Date From-To

Dr. SHEFALI SHUKLA