Sri Venkateswara College

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

Print Date : 23-11-2026

1. Personal Profile



Title: **Dr.** First Name: **MANOJ** Last Name: **THAKUR**

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

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

Email: **manojthakur@svc.du.ac.in** Webpage: **https://www.svc.ac.in/extended/87**

Facebook: **----------** Twitter: **https://x.com/ManojTh16321335**

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

Youtube: **----------** Research Gate Link: **https://wwwhttps://www.researchgate.net/profile/Manoj-Thakur-5.researchgate.net/**

Google Scholar Link: **----------**

Address: **DEPARTMENT OF BOTANY, SRI VENKATESWARA COLLEGE, UNIVERSITY OF DELHI, BENITO JUAREZ ROAD, NEW DELHI - 110021.**

2. Educational Qualifications

Degree/ Certification	Institution	Year
B.Sc. (Hons.) Botany	Acharya Narendra Dev College, University of Delhi	2010
M.Sc. Life Sceinces	Jawaharlal Nehru University, New Delhi	2012
Ph.D.	Indian Institute of Science, Bengaluru	2018

3. Career Profile & Administrative Assignments

Category	Role/ Designation	Department/ Committee	Date From - To	Remarks
ADMINISTRATIVE ASSIGNMENTS	MEMBER	INFORMATION AND COMMUNICATION TECHNOLOGY COMMITTEE Sri Venkateswara College	01.Oct.2023 - Till date	
ADMINISTRATIVE ASSIGNMENTS	MEMBER	DEVELOPMENT FUND COMMITTEE Sri Venkateswara College	01.Aug.2025 - Till date	

ADMINISTRATIVE ASSIGNMENTS	CO-COORDINATOR	NAAC CRITERION 2 Sri Venkateswara College	25.Jul.2025 - Till date	
ADMINISTRATIVE ASSIGNMENTS	CONVENER	ENACTUS Sri Venkateswara College	04.Aug.2026 - Till date	
ADMINISTRATIVE ASSIGNMENTS	INTERNAL EXPERT	INSTITUTIONAL BIOSAFETY COMMITTEE (IBC) Sri Venkateswara College	06.Jul.2026 - Till date	
ADMINISTRATIVE ASSIGNMENTS	CO-CONVENER	GURUKUL Sri Venkateswara College	11.Sep.2025 - 12.Sep.2025	
ADMINISTRATIVE ASSIGNMENTS	RESOURCE PERSON	GURUKUL Sri Venkateswara College	11.Sep.2025 - 12.Sep.2025	
CAREER PROFILE	EDITORIAL BOARD MEMBER	JOURNAL-INTERNATIONAL Scientific Reports (Nature Portfolio)	01.Feb.2026 - Till date	

4. Other Profiles

Other Profile Name/ Description

MEMBERSHIPS IN ACADEMIC/ PROFESSIONAL BODIES

Editorial Board Member of the journal "scientific Reports" (ISSN 2045-2322) published by Nature Portfolio

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

7. Publications

Category	Publication Name	Title	Name of Author	Reference Link/ DOI Link	Publicatio (Month-Year)
JOURNAL PAPER (International)	Molecular Dissection of the UvrC Protein Involved in Nucleotide Excision Repair in Listeria monocytogenes.	Journal of molecular biology	Sivadasan, P. C., Thakur, M., & Neelakanteshwar Patil, K. (Joint Author)	10.1016/j.jmb.2026.169825	August 2026

JOURNAL PAPER (International)	Interplay of heavy metal accumulation, physiological responses, and microbiome dynamics in lichens: insights and future directions	Environmental monitoring and assessment	Thakur, M., Bhatt, A., Sharma, V., & Mathur, V (First Author)	10.1007/s10661-024-13103-1	September 2024
JOURNAL PAPER (International)	Prokaryotic DNA Crossroads: Holliday Junction Formation and Resolution.	ACS Omega	Nautiyal, A. and Thakur, M.* (Corresponding Author)	https://pubs.acs.org/doi/10.1021/acsomega.3c09866	February 2024
JOURNAL PAPER (International)	Global genome and transcription-coupled nucleotide excision repair pathway in prokaryotes.	J Biosci.	Thakur M and Muniyappa K (Corresponding Author)	https://pubmed.ncbi.nlm.nih.gov/38088378/	December 2023
JOURNAL PAPER (International)	SUMOylation of yeast Pso2 enhances its translocation and accumulation in the mitochondria and suppresses methyl methanesulfonate-induced mitochondrial DNA damage	Molecular Microbiology	Somashekara, S. C., Dhyani, K. M., Thakur, M., and Muniyappa, K. (Joint Author)	https://doi.org/10.1111/mmi.15145	August 2023
JOURNAL PAPER (International)	Macrophage activation highlight an important role for NER proteins in the survival, latency and multiplication of Mycobacterium tuberculosis.	Tuberculosis	Thakur M and Muniyappa K (Corresponding Author)	https://doi.org/10.1016/j.tube.2022.102284	January 2023

JOURNAL PAPER (International)	Interrogating the substrate specificity landscape of UvrC reveals novel insights into its non-canonical function.	Biophysical Journal	Thakur, M.,* Parulekar, R. S., Barale, S. S., Sonawane, K. D., and Muniyappa, K.* (First Author, Corresponding Author)	10.1016/j.bpj.2022.07.012	August 2022
JOURNAL PAPER (International)	Novel insights into ATP-stimulated cleavage of branched DNA and RNA substrates through structure-guided studies of the Holliday junction resolvase RuvX.	Journal of Molecular Biology	Thakur, M., Mohan, D., Singh. A. K., Agarwal, A., Balasubramanian, G., and Muniyappa, K. (First Author)	doi.org/10.1016/j.jmb.2021.167014	June 2021
JOURNAL PAPER (International)	The intrinsic ATPase activity of Mycobacterium tuberculosis UvrC is crucial for its damage-specific DNA incision function.	The FEBS Journal	Thakur, M., Ankit Agarwal and Muniyappa, K. (First Author)	doi.org/10.1111/febs.15465	June 2020
JOURNAL PAPER (International)	Deciphering the essentiality and function of SxSx motif in Mycobacterium tuberculosis UvrB	Biochimie	Thakur M and Muniyappa K (First Author)	doi.org/10.1016/j.biochi.2020.01.003	March 2020
JOURNAL PAPER (International)	UvrA and UvrC subunits of the Mycobacterium tuberculosis UvrABC excinuclease interact independently of UvrB and DNA.	FEBS Letters	Thakur, M., Badugu, S., and Muniyappa, K. (First Author)	10.1002/1873-3468.13671	March 2020

JOURNAL PAPER (International)	Mycobacterium tuberculosis UvrB Is a Robust DNA-Stimulated ATPase That Also Possesses Structure-Specific ATP-Dependent DNA Helicase Activity	Biochemistry	Thakur, M., Mohan, D., Singh. A. K., Agarwal, A., Balasubramanian, G., and Muniyappa, K. (First Author)	10.1021/acs.biochem.6b00558	September 2016
CHAPTER (International)	The Circadian Rhythms in Plants: An Introduction	Springer, Singapore	Chhajer, A.K., Tayal, P., Thakur, M., Jha, G., Saini, S., Kothari, S.L. (Joint Author)	https://doi.org/10.1007/978-981-95-3592-7_1	January 2026
CHAPTER (International)	Nucleotide excision repair in mycobacteria	Springer, Singapore	Thakur M and Muniyappa K (First Author)	https://doi.org/10.1007/978-981-32-9413-4_16	December 2019
RESEARCH PAPERS (International)	The Crystal Structure and Biochemical Analyses of Escherichia coli YqgF Illuminate Its Diverse Functions.	Journal of Molecular Biology	Thakur M, Dhyani KM, Galkin A, Krajewski WW, Yavasani S, Demirkan E, Howard A, Herzberg O, Muniyappa K. (Corresponding Author)	doi.org/10.1016/j.jmb.2025.169221	September 2025
RESEARCH PAPERS (International)	Green synthesis of nanomaterials used as nano-fertiliser for sustainability in crop production: A overview on recent advancements and future perspectives.	Plant Nano Biology	Bansal, M., Jyoti, N., Bharti, A., Deepika, Sharma, S., Thakur, M., Chauhan, V., and Kumar, R. (Joint Author)	10.1016/j.plana.2025.100143	February 2025
RESEARCH PAPERS (International)	Saccharomyces cerevisiae Rev7 regulates DSB repair pathway choice through binding and blocking Mre11 nuclease and Rad50 ATPase activities	eLife	Badugu S., Dhyani K.M., Thakur M., and Muniyappa K (Joint Author)	10.7554/eLife.96933	December 2024

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
2025	INVITED LECTURES/ RESOURCE PERSON/ PAPER PRESENTATIONS ATTENDED	ASSISTANT PROFESSOR	College	Two-Day Hands-on Workshop on Research Methodology	11.Feb.2025 - 12.Feb.2025
2025	SEMINAR ATTENDED	ASSISTANT PROFESSOR	International	From codes to cells: advances in Bioinformatics	29.Nov.2024 - 29.Nov.2024
2024	WORKSHOP/ SEMINAR/ CONFERENCE ATTENDED	CO-CONVENER	College	Mastering MS word and excel : faculty workshop	11.Sep.2024 - 11.Sep.2024
2024	WORKSHOP/ SEMINAR/ CONFERENCE ATTENDED	CO-CONVENER	College	SVC ?????? ?: ???????? ????????????? ??	11.Feb.2025 - 12.Feb.2025
2025	WORKSHOP/ SEMINAR/ CONFERENCE ATTENDED	PARTICIPANT	International	8th international symposium on Bioinformatics (InSyB) entitled “from codes to cells: Advances in Bioinformatics	29.Nov.2024 - 29.Nov.2024
2026	WORKSHOP/ SEMINAR/ CONFERENCE ATTENDED	PARTICIPANT	International	Ist International conference From Ayurveda to Artificial Intelligence: Reimagining Cancer Therapeutics	23.Feb.2026 - 24.Feb.2026
2026	EDITORIAL BOARD MEMBER	EDITOR	International	Journal : Scientific Reports	01.Feb.2026 - 01.Feb.2028

Dr. MANOJ THAKUR