# Sri Venkateswara College

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

**Print Date : 10-10-2026**

## 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 | |

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| 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 | |

## 4. Other Profiles

| Other Profile Name/ Description |
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## 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 |

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| 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 |

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| 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 |

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| 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 |
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## 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 |