



Faculty Details Proforma

Title	Dr.	First Name	Meenakshi	Last Name	Thakur	Photograph
Designation		Associate Professor				
Address		Zoology department Daulat Ram College 4, Patel Marg, Maurice Nagar Delhi -110007				
Email - ID		meenakshithakur@dr.du.ac.in				
Web Page						
Educational Qualification						
Degree		Institution			Year	
B. Sc		Patna University			1997	
M. Sc		Patna University			1999	
Ph. D		All India Institute of Medical Sciences, New Delhi.			2009	
Career Profile						
October 2015 onwards: Daulat Ram College on a permanent basis January-September 2015: Daulat Ram College on an ad hoc basis July 2010-December 2014: Acharya Narendra Dev College on an ad hoc basis						
Administrative Assignments						
➤ Coordinator (Online) Interdisciplinary Faculty Development Program on “Wildlife Conservation and Management” (4th October – 9th October, 2021) organized by Daulat Ram College, University of Delhi,, in collaboration with Mahatma Hansraj Faculty Development Centre, Hansraj College, University of Delhi under Pandit Madan Mohan Malaviya National Mission on Teacher’s and Teaching (PMMMNTT) GOI ➤ Teacher’s representative in the Governing Body of the college. ➤ Convenor of <i>National conference on “A multidisciplinary approach towards sustainability: A novel design.” 2018.</i> ➤ Convenor of Dhara (Eco-club) 2016-2018						

- Convenor – SPIC MACAY of DRC from 2019-2021
- Staff Advisor Koshika (Zoological Society) 2021-22
- Deputy Superintendent of practical examinations from April 2020-May 2022.
- Convenor - Gender Champion Cell from 2021-22, 2022-2023, 2023-2024, 2024-25
- Convenor: Canteen Committee DRC, July 2023–June 2024 July 2023 June 2024
- Screening committee member (Biochemistry and Chemistry)
- Syllabus Upgradation, Zoology Department, DU, 2022 Delhi University (as Convenor and Member for Animal Behavior and Nature and Wildlife Studies)
- Served as a member of the Admission Core Committee for the 2021-22 academic year.
- Member Research Committee of DRC, from 2024-25, 2025-26, and 2026-27
- Member Sports Board 2025-26, 2026-27.

Subjects Taught:

Animal Behavior
 Insect Vectors and Diseases
 Concepts of Ecology
 Diversity of Chordates
 Faunal Conservation and Management
 Developmental Biology
 Comparative Anatomy of Vertebrates
 Wildlife Conservation and Management
 Human Physiology

Research Guidance

Ph. D student: Mr. Ashutosh Sharma

Publications

Publications in Journals

- Thakur, A. V., Thakur, M. Integrating NAFLD screening into primary care in South Asia: Challenges in lean, pediatric, and gender-specific populations—A narrative systematic review. *International Journal of Drug Delivery Technology*, 16(63s), 992–1007. <https://doi.org/10.25258/ijddt.16.63s.99>
- Thakur, M., Iqbal, H., Bhardwaj, S., & Singh, J. Butt out: Addressing the environmental and public health impacts of cigarette butt pollution. *Environmental Science Archives*, 5(1), 18–30. <https://doi.org/10.5281/zenodo.18113795>
- Mathur, D., Maikhuri, V. K., Yadav, S., Bhardwaj, N., Pandey, S., Sharma, H., Thakur, M., Bharti, C. A., Bhandary, D., & Senrunga, A. (2026). Integrated cytotoxicity screening and in silico analysis of coumarin nucleoside conjugates as computationally modeled VEGFR-2 inhibitors: Oncocyte cytotoxicity, molecular docking, and dynamics simulation studies. *In Silico Pharmacology*, 14(1), Article 10. <https://doi.org/10.1007/s40203-025-00503-5>
- Senrunga, A., Kumar, D., Bhardwaj, N., Sharma, K., Sharma, H., Pandey, S., Thakur, M., Meena, S., & Mathur, D. (2024). Discovery of novel bioactive compounds in *Catharanthus roseus* exhibiting anti-angiogenic activity against VEGFR-2 TKD for glioblastoma tumor growth suppression. *Biomed Therapeutic Letters*, 11(2), 912. <https://doi.org/10.62110/sciencein.btl.2024.v11.912>
- Thakur, M., Bhardwaj, S., Singh, J., Senrunga, A., & Singh, J. (2023). *Three years of COVID-19: A review on India's journey through different variants and waves*. *International Journal for Research Trends and Innovation*, 8(1).
- Thakur, M., Bhardwaj, S., & Singh, J. (2022). *Monkeypox: Endemic to epidemic: A review of the current scenario of Monkeypox disease outbreak*. *International Journal for Research Trends and Innovation*, 7(6).
- Thakur, C. P., Thakur, M. (2020). Accelerating kala-azar elimination in India. *Indian Journal of Medical Research*, 152, 538–540. https://doi.org/10.4103/ijmr.IJMR_841_19
- Narayan, S., Thakur, C. P., Bahadur, S., Thakur, M., Pandey, S. N., Thakur, A. K., Mitra, D. K., & Mukherjee, P. K (2017). *Cedrus deodara* in vitro anti-leishmanial efficacy and immunomodulatory activity. *Indian Journal of Medical Research*, 146, 780–787. https://doi.org/10.4103/ijmr.IJMR_959_16
- Thakur, C. P., Narayan, S., Bahadur, S., Thakur, M., Pandey, S. N., Kumar, P., Mishra, P., Mukherjee, P. K., & Mitra, D. K. (2015). Anti-leishmanial activity of *Agave americana* L.: A traditional Indian medicinal plant. *Indian Journal of Traditional Knowledge*, 14(4), 658–663.
- Thakur, C. P., Thakur, M., & Kumar, A. (2009). Newer strategies for the kala-azar elimination in India. *Indian Journal of Medical Research*. 2009 Jan;129(1):102-4. https://doi:10.4103/ijmr.IJMR_841_1.
- Thakur, C. P., Kumar, A., Mitra, G., Thakur, M., & Thakur, S. (2007). Pharmacovigilance in kala-azar patients with severe thrombocytopenia caused by sodium gluconate and miltefosine. *Indian Journal of Medical Research*, 126(1): 73-75. https://doi:10.25259/IJMR_20071261_073

Publications in an Edited Book:

- Anna Senrung, Meenakshi Thakur, and A.C. Bharti (2026). Study of Whole Mounts of Early Developmental Stages of Chick from 13 Hours to 96 Hours (Hamburger and Hamilton Stages) Textbook of Developmental Biology (Laboratory Techniques and Experimental Approaches) Springer Singapore, ISBN-978-981-957268-7
- Hangsika Sharma, Shreya Pandey, Nidhi Bhardwaj, Meenakshi Thakur, Jyotsna Singh, Narendra Kumar, and Anna Senrung (2025). In silico screening of phytochemicals from *Hydnocarpus wightianus* for potential therapeutic applications against glioblastoma.
Editors: In Silvy Mathew, Jsha K. and Rekha K
Traditional Knowledge Systems and Biodiversity, pp. 41-59. Sooryagatha (Publishers). ISBN 978-81-7255-183-4.
- Saumya Singh, Tanisha, Sushree Pritipragyan, Meenakshi Thakur, Sunita K. Yadav, Radhika Gupta, and Anna Senrung (2025). ADMET analysis and molecular insights into the antiangiogenic potential of phytochemicals from *Ocimum tenuiflorum* (Tulsi).
Editors: In Silvy Mathew, Jsha K., and Rekha K
Traditional Knowledge Systems and Biodiversity, pp. 60-78. Sooryagatha (Publishers). ISBN 978-81-7255-183-4.
- Anna Senrung, John Linglee Anal, Meenakshi Thakur (2021), COVID-19 Incidence, Transmission and Best Containment Practices: Study of India, Global Pandemic: Responses and Solutions, Shree Vinayak Publication Agra
Editors: J.G.Valan Arasu, Anjali D'Souza, Femina Sobin, Roshni Chaubey
ISBN: 978-93-91267-07-0.
- Meenakshi Thakur, Anna Senrung, John Linglee Anal (2021), Covid 19-A Lesson for Protecting Biodiversity, Global Pandemic: Responses and Solutions, Shree Vinayak Publication, Agra,
Editors: J.G.Valan Arasu, Anjali D'Souza, Femina Sobin, Roshni Chaubey
ISBN: 978-93-91267-07-0.

Research Projects (Major Grants/Research Collaboration)

Major Grant

Project sanctioned under the CSIR-HRDG EMR-II scheme (Project File Number 25WS (029)/2023-24/EMR II/ASPIRE)

Project Title: "Design and Synthesis of Novel Coumarin-Pyridine/Quinoline/Quinazoline Hybrids as Angiogenesis Inhibitors Targeting VEGFR-2 TKD against Tumor Microenvironment"

