



Dr. Jyotika Brari
Assistant Professor Department of Zoology
St. Bede's College, Shimla



Dr. Jyotika Brari

Assistant Professor

Email: jyotika58brari@gmail.com

Mobile No: 8091765890

EDUCATIONAL QUALIFICATIONS: M.Sc., M.Phil., PhD. SET

Sr. No.	Degree	Subject	College/University	Year of Passing
1	B.Sc.	Medical	St. Bede's College, Shimla	2005
2	M.Sc.	Zoology	Himachal Pradesh University	2008
3	M.Phil	Zoology	Himachal Pradesh University	2009
4	Ph.D	Zoology	Himachal Pradesh University	2017
6	Specialisation	Entomology		
7	SET	Life Sciences	HPPSC	2012

TOTAL TEACHING EXPERIENCE: 10 Years

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SUBJECTS TAUGHT

Wildlife and Biodiversity, Biochemistry, Apiculture, Immunology, Developmental Biology, Structure and function of invertebrates, Structure and function of vertebrates, Animal Physiology and Endocrinology, Molecular Biology, Medical Zoology and Research Methodology.

ACHIEVEMENTS



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Paper Publications:

1. Brari J, Thakur DR (2015) Insecticidal efficacy of essential oil from *Cinnamomum zeylanicum* Blume and its two major constituents against *Callosobruchus maculatus* (F.) and *Sitophilus oryzae* (L.) Journal of Agricultural Technology Vol. 11(6):1323-1336.
2. Brari, J., Thakur, D.R. 2015. Fumigant toxicity and cytotoxicity evaluation of monoterpenes against four stored products pests. *International Journal of Development Research*. 5, pp. 5661-5667.
3. Brari, J., Thakur, D.R. 2016. Insecticidal potential properties of citronellol derived ionic liquid against two major stored grain insect pests. *Journal of Entomology and Zoology Studies*, 4(3): 365-370.
4. Brari, J., Thakur, D.R. 2017. Fumigation and repellent potential of four essential oils against major coleopteran pests of stored grain. *International Journal of advance Agricultural Research* 5, 40-51.
5. Brari J, Thakur, DR. Bioefficacy of four essential oils against *Callosobruchus analis* (F.) (Coleoptera: Bruchidae), a seed pest of stored legumes worldwide. *International Journal of Entomology Research*. 2017; 2:71-75.
6. Brari, J., Thakur, D.R. 2018. Larvicidal effects of eight essential oils against *Plodia interpunctella* and *Tribolium castaneum*, serious pests of stored products worldwide. *Journal of Entomology and Zoology Studies*. 6(5): 738-742.
7. Brari, J., Kumar, V. (2019). Antifeedant activity of four plant essential oils against major stored product insect pests. *International Journal of Pure and Applied Zoology* 7:41-45.
8. Brari J, Kumar V. Insecticidal Potential of Two Monoterpenes against *Tribolium Castaneum* (Herbst.) and *Sitophilus Oryzae* (L.) Major Stored Product Insect Pests. *International Journal of Pharmaceutical & Biological Archives* 2020; 11(4):175-181.
9. Brari J, Kumar V. (2021) Insecticidal efficacy of essential oils from *Artemisia maritima* L. and *Zanthoxylum armatum* DC. and their two major constituents against *Plodia interpunctella* (Hubner). *International Journal of Life Science Research*. 9(1):71-79.



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10. Brari J, Thakur, S. Bioactivity of ionic liquid against two major Coleopteran stored grain insect pests. *International Journal of Pharmaceutical & Biological Archives* 2021;12(4):163-167.
11. Thakur S, Brari J. (2024). The role of noctuid moths as umbrella taxa in insect conservation: A Review. *International Book Chapter Interdisciplinary Studies in Humanities and Sciences*. Volume: I Issue: II: 24-28

Conferences: -

1. Brari, J. and Thakur, D.R. (2014). Life history traits of *Caryedon serratus* Oliver on *Acacia arabica* Willd. *International Conference on Entomology, February 21-23, 2014*, Patiala, 185.
2. Brari, J. and Thakur, D.R. (2018). Antifeedant activity of four plant essential oils against two major stored product insect pests *Tribolium castaneum* and *Sitophilus oryzae*. *National conference on Himalayan Biodiversity and Bioresource Utilization. March 23, 2018*. Shimla, 123.
3. Multi-disciplinary International Conference on Indian culture Science and Traditions organized by HFRI Shimla. (13-14 November 2021)

Workshops attended: -

1. National Workshop on basic and Applied Techniques in Life Sciences. Department of Zoology Panjab University, Chandigarh Feb. 18th-25th 2020.
2. Multi-disciplinary International Workshop on Indian culture Science and Traditions organized by HFRI Shimla. (5-14 November 2021)
3. Two Day Skill Development Workshop for young budding entrepreneurs organized by BIC-HPU in collaboration with St. Bede's College October 4-5 2024.

Faculty Development Program: -

1. Faculty Development Program on "Research Methodology" at Abhilashi University Mandi, (30th-31th Dec. 2016).
2. Faculty Development Program on "Quality Education" at Abhilashi University Mandi, (29th-30th Jan. 2018).
3. Faculty Development Program on "Design and Development of Moocs" at St. Bede's College (1-5 January 2022).
4. Faculty Development Program on "Academic Writing and Research Methodology: Multidisciplinary" at St. Bede's College, Shimla (26 - 30 December, 2023).
5. Six-day Faculty Development Program on "Enhancing Quality Assurance in Higher



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Education: Insights into NEP 2020 and NAAC's Binary Accreditation Framework at St. Bede's College, Shimla (16 -21December, 2024).

6. Faculty Development Program on Generative AI Tool Enhancing Teaching and Learning at HEI, organized by Technoledge from 05th May 2025 to 10th May 2025.

Faculty Induction Program: -

1. Induction Program for faculties of university/colleges/ Institutes of higher Education by Teaching Learning Centre, Ramanujan College, University of Delhi (20 December 2021-09 January 2022)
2. Refresher Course in Zoology from April 10- April 24, 2023 from Ramanujan College, University of Delhi.
3. NEP Orientation and Sensitization programme under Malaviya Mission teacher Training Programme of UGC organized by MMTTC HPU Shimla from September 23 to October 1, 2024.
4. A Webinar on “CMAI-CSAI-IHRO Cyber Warrior Mission: A Pathway Towards Employability” organised by Department of Computer Science, St. Bede's College, Shimla on November 22, 2024.
5. Seminar on Building Excellence in Life and Career through work ethics and Culture by IQAC St. Bede's college Shimla, November 18, 2024.
6. NEP Orientation and Sensitization Program under MM-TTP of UGC organised by Malaviya Mission Teacher Training Centre, June 2-10, 2025.
7. As Project Co-ordinator presented a proposal for Star College Program in the Department of Biotechnology on July 2023 and it was finally selected for the financial support of 69 lakhs by DBT in December 2023 under DBT-Star College Scheme.

