



JYOTI SHARMA

Research Assistant-DST-CURIE

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Dhoom Manikpur, Dadri, Gautam Buddha Nagar, U.P.

EDUCATION

- **Ph.D.** in Zoology (Ongoing)
Galgotias University (2023–Present)
- **M.Sc.** Zoology (Cytogenetics)
CCS University, U.P. (2022)
- **B.Sc.** Life Sciences
IGNOU (2019)

SKILLS

- Music Therapy expert
- ECG, EEG, GSR, BP, Biochemistry
- Lab Techniques
- ICT, Excel, PPT, Word
- Molecular Biology Techniques
- Hemato-biochemical assays
- Scientific data analysis
- Research methodologies in zoology
- Research Design and Documentation

HOBBIES AND INTERESTS

- Creative Writing (Poetry)
- Classical and Contemporary Dance
- Art and Craft
- Scientific Illustration and Creative Presentation
- Cultural Participation and Event Coordination

LANGUAGE

- English
- Hindi

ORCID ID

- 0009-0001-2863-8896

About Me

A passionate Ph.D. researcher in Zoology at Galgotias University, specializing in the therapeutic applications of music through interdisciplinary research spanning biochemistry, psychology, and molecular biology. I aim to advance evidence-based practices in music therapy by scientifically exploring its impact on cardiovascular, neuroendocrine, and psychological health. Adept in scientific documentation, biofeedback, and hemato-biochemical analysis, I strive to bridge tradition with innovation through sound science.

WORK EXPERIENCE

Research Assistant (2024–Cont)

- DST-CURIE Project, K.M. Govt. Girls P.G. College, Badalpur
- Present
- Conducting interdisciplinary research on music therapy using biochemical and psychological tools.
- Data collection, scientific analysis, and report preparation under DST-CURIE project.

Research Associate (2024-cont.)

- Indian Association of Music Therapy (IAMT), Delhi
- – Present
- Supporting research, academic content development, and outreach in music therapy.

Research Assistant (2022-23)

- Govt.-Sponsored Research Project, Dept. of Zoology, Badalpur [6 Months]
- Worked on Vedic chants and sound therapy for cardiovascular and neuroendocrine health.
- Conducted hemato-biochemical assays and Relax-701-based biofeedback studies.

TRAINING & WORKSHOPS

- Speaker, Workshop on Music Therapy – Galgotias University (2024)
- FDP-cum-RSDP – Recent Techniques in Biotechnology and Biomedical Sciences (2025)
- **Conferences Attended:**
TMAT Intl. Conference, Singapore (2025)
Intl. Seminar on Environmental Issues, GKSVV Haridwar (2025)
Seminar on Functional Biology, CCS University (2025)
National Conf. on Transgender Community, KMGPGC Badalpur (2025)

TEACHING AND RESERACH WORK

- Taking UG/PG Classes at KMGPGC
- Taking Bio-musicology classes of IAMT
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Publication

- Sanjeev Arora, Sumbul Zehra, Neetu Singh, Jyoti Sharma and Dinesh C. Sharma (2025) Nature's symphony: The role of eco-acoustics in enhancing well-being in college students through natural soundscapes. *Journal of Experimental Zoology India* 28, 611-618. DOI: <https://doi.org/10.51470/jez.2025.28.1.611>
- Sharma, D.C., Zehra, S., Singh, N., Sharma, J., Himanshi, Mailk, A. (2024) The therapeutic potential of music: A comprehensive review. *Prajnana*, 15, 7–13. <https://doi.org/10.59467/PJ.2024.15.7>
- Sharma, D., Sharma, J., Singh, N., & Zehra, S. (2024). Impact analysis of Shiv Strotam on blood pressure and pulse rate. *Biochemical and Cellular Archives*, 24, 737–740. <https://doi.org/10.51470/bca.2024.24.1.737>
- Singh, N., Khari, S. Sharma, J., Jaiswal, A. and Sharma, D.C. (2023) A Cross-Sectional Study on Snacking Habits, Stress Levels, and Physical Activity among College Students Aged 18–25. *Prajnana*, 13-14, 1–13. (<https://doi.org/10.59467/PJ.2022-23.13-14.1>)
- Singh, N., Chaudhary, M., Sharma, J., & Malik, A. (2022–23). Survey on effects of the pandemic on human mental health. *World Journal of Advanced Scientific Research*, 12-13(01-02), 25. <https://doi.org/10.59467/WJASR.2022-23.12-13.12-13.25>

Research Work

- Research on the impact of Vedic chants and pleasant sounds in treatment of cardiovascular and neuroendocrine disorders through hemato-biochemical assays.
- Studying stress regulation through Vedic chant recitation combined with biofeedback analysis of students.
- Engaged in interdisciplinary research under DST-CURIE project on music therapy.

Awards and Achievements

- Research Assistant Award, DST-CURIE, 2025
- Radha Krishnan Scientists Fellowship, 1st TAMT International Conference, 2024
- Honored as Manikarnika, 5th Surtaal Festival, Ministry of Culture, Govt. of India
- Multiple prizes in inter-college competitions for poetry, dance, painting, extempore, and video making (2022)

Professional Memberships

- Member, Indian Association of Music Therapy (IAMT), Delhi
- Member, Human Ethical Committee, Kumari Mayawati Govt. Girls P.G. College, Badalpur

References

Prof. Dinesh C. Sharma

- Head, Department of Zoology
- KMGGPGC, Badalpur
- Email: dr_dineshsharma@hotmail.com
- Phone: 9211119972

Ms. Neetu Singh

- Assistant Professor, Department of Zoology
- KMGGPGC, Badalpur
- Email: neetuatri78@gmail.com
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