

ACADEMIC PROFILE



Name: Kavita

Designation: Assistant Professor

Educational Qualification: M.Sc., CSIR UGC NET JRF, U-SET

Area of Specialization/ Research Field: Immunology, Neuroscience

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EDUCATION QUALIFICATION:

Courses	Name of the Institution	Board/University	Year of passing
Uttarakhand State eligibility test (USET) in Life Science	Kumaun University Nainital	-	2024
Ph.D. Thesis submitted	S. S. J. Campus, Almora	Kumaun University	-
CSIR UGC NET June 2018 in Life Science	CSIR UGC NET JUNE 2018	-	2018
M.Sc. Zoology (Specialization in Immunology)	L.S.M P.G. College Pithoragarh	Kumaun University	2017
B.Sc. (ZBC)	L.S.M P.G. College Pithoragarh	Kumaun University	2015
Intermediate	Vivekanand V. M. I. C Pithoragarh	UK Board	2012
High School	G.I.C Rori Pali, Pithoragarh	UK Board	2010

- Submitted Ph.D. from Kumaun University, Nainital in Zoology.
- Teaching experience as Assistant Professor (Guest faculty) in Department of Zoology, Government Degree collage, Baluwakot and S. S. J. campus, University, Almora.

ACHIEVEMENT:

1. Qualified CSIR UGC NET JRF exam, June 2018 in Life Science.
2. National Level Award (Govt. Of India Recognized) NFSC by University Grant Commission.

3. Qualified SET exam, 2024 in Life Science.

PUBLICATION/ RESEARCH ARTICLES

1. **Kavita Tamta**, Hemlata Arya, Adarsh Kumar, Shweta Arya, Ram Chandra Maurya* Neuronal Remodeling in Pyramidal Projection Neurons of Hippocampal Complex in Postnatal Chicks, CIBTech Journal of Zoology Vol.12, pp.176-189, 2023, 2319–3883.
2. **Kavita Tamta**, Adarsh Kumar, Hemlata Arya, Shweta Arya, Ram Chandra Maurya* Neuronal plasticity in hippocampal neurons due to chronic mild stress and after stress removal in postnatal chicks, Journal of Anatomy December, pp 1–30, 2023, 0021-8782.
3. Adarsh Kumar, **Kavita Tamta**, Hemlata Arya and Ram Chandra Maurya* Effect of Acute Stress on Neuronal Characteristics of the Effect of Acute Stress on Neuronal Characteristics of the Dorsolateral Forebrain of 30 Days Old Chick, CIBTech Journal of Zoology, Vol.10, pp.34-45, June 2021, 2319–3883.
4. Adarsh Kumar, Hemlata Arya, **Kavita Tamta**, and Ram Chandra Maurya* Acute stress-induced neuronal plasticity in the corticoid complex of 15-day-old chick, *Gallus domesticus*, Journal of Anatomy 869-891, 239, 4, 2021, 0021-8782.
5. Adarsh Kumar, **Kavita Tamta**, Hemlata Arya and Ram Chandra Maurya* Acute-stress induces the structural plasticity in hippocampal neurons of 15 and 30-day-old chick, *Gallus gallus domesticus*, Annals of Anatomy- Anatomischer Anzeiger 245, 2023, 0940-9602.
6. Adarsh Kumar, **Kavita Tamta**, Hemlata Arya and Ram Chandra Maurya* Age affects the neuronal soma diameter in cerebral cortex of 15 and 30-day-old chick, *Gallus gallus domesticus*, Journal of Experimental Zoology India Vol. 25, No. 2, pp. 2113-2127, 2022, 0972-0030.
7. Hemlata Arya, **Kavita Tamta**, Adarsh Kumar, Shweta Arya, Ram Chandra Maurya* Unpredictable chronic mild stress shows neuronal remodeling in multipolar projection neurons of hippocampal complex in postnatal chicks. Anatomical Science International, pp 1-14, 2024.
8. Hemlata Arya, Adarsh Kumar, **Kavita Tamta**, Shweta Arya, Ram Chandra Maurya* Contrasting effect of 2 weeks exposure of unpredictable chronic mild stress on the morphology of neurons of the hippocampal formation in postnatal chicks, International Journal of Zoological Investigations, pp 229-241, 1, 2024, 10.

9. Adarsh Kumar, **Kavita Tamta**, Hemlata Arya, Shweta Arya, and Ram Chandra Maurya* Investigating the impact of nutritional insufficiency on parahippocampal neurons in domestic chickens, *Gallus gallus domesticus* Journal of Chemical Neuroanatomy, pp 137, October 2023, 2024, 102401.

SEMINAR/CONFERENCES ATTENDED:

1. **Kavita Tamta**, Adarsh Kumar, Hemlata Arya, Ram Chandra Maurya (2021). Evaluation of neuronal remodeling after stress removal in hippocampal complex of chick, *Gallus domesticus* presented a poster at the XXXIX Annual Meeting of Indian Academy of Neurosciences (IAN), Theme: "NeuroGlia in Health and Disease" organized by Indian Institute of Science Education and Research Kolkata, Netaji Subhas Open University & CSIR-Indian Institute of Chemical Biology from December 16th to December 19th, 2021.
2. **Kavita Tamta**, Hemlata Arya, Adarsh Kumar, Shweta Arya and Ram Chandra Maurya (2023). Neuronal remodeling due to chronic mild stress and after stress removal in hippocampal neurons of 8-week-old chicks, presented a paper presentation in National e-Conference on Recent Advances in Engineering Technology and Applied Sciences, 2023, (RAETES-2023) organized by Society Towards Advancement of Rural Education in association with Maharana Pratap School of Pharmacy, Lucknow
3. **Kavita Tamta**, Hemlata Arya, Adarsh Kumar, Hemlata Arya, Ram Chandra Maurya (2021). Chronic mild stress shows neuronal remodeling in pyramidal projection neurons of hippocampal complex in postnatal chicks, presented Oral presentation in the international conference in Recent Advances & Innovations in Applied Sciences-2023 (RAIAS-2023), organized IITyam India Academy Delhi in Collaboration with the Department of Chemistry HNB Govt. PG College Khatima, UK and Department of Zoology, Govt. PG College Bazpur, UK, Department of higher education, Govt. of India.
4. Adarsh Kumar, Hemlata, **Kavita**, Mamta Tamta, Ram Chandra Maurya (2020). Stress induced morphological changes in the neurons of the corticoid complex in 15 & 30 day old chick, *Gallus domesticus*, NeuroEunoia 2020: A Neuroscience Affair, Gargi College, University of Delhi.
5. Adarsh Kumar, Hemlata, **Kavita**, Mamta Tamta, Ram Chandra Maurya* Evaluation of neuronal morphology in the corticoid complex of the telencephalon of the 30-day

old chick, *Gallus domesticus*. Basic and Clinical Neurosciences: Bridging the Gaps, Xxxviii Annual Meeting of Indian Academy of Neurosciences, Hyderabad India.

6. Adarsh Kumar, Hemlata, **Kavita**, Mamta Tamta, Ram Chandra Maurya* Acute-stress induces the structural plasticity in hippocampal neurons of 15 and 30-day-old chick, *Gallus domesticus*, international webinar on Neurobiology of behavior: the challenge and the promise for translational research, Department of zoology, Dr. Harisingh Gour Vishwavidyalaya (A Central University), Sagar, Madhya Pradesh-470003
7. Hemlata, Adarsh Kumar, **Kavita** and Ram Chandra Maurya, Effect of unpredictable chronic mild stress in the hippocampal region of 2 week old chick, *Gallus domesticus* NeuroEunoia 2020: A Neuroscience Affair, Gargi College, University of Delhi.
8. Hemlata, Adarsh Kumar, **Kavita** and Ram Chandra Maurya* Effect of unpredictable chronic mild stress in the hippocampal region of 2-week-old chick, *Gallus domesticus* Theme: "NeuroGlia in Health and Disease" organized by Indian Institute of Science Education and Research Kolkata, Netaji Subhas Open University & CSIR-Indian Institute of Chemical Biology from December 16th to December 19th, 2021.

EXTRA ACTIVITY:

1. Participated in International E-Conference “NeuroEunoia 2020: A Neuroscience Affair” hosted by Gargi College, University of Delhi, held under the aegis of IQAC, Gargi College held on 16-17 October 2020.
2. Participated in the Satellite Symposium for the Indian Academy of Neurosciences (IAN) Annual Conference, entitled “Translational Neurophysiology & Cognition”, Jointly organized by the Indian Academy of Neurosciences (IAN) and Department of Physiology, University of Calcutta & CPEPA-Centre for "Electrophysiology and Neuroimaging including Mathematical Modelling", University of Calcutta on 10th November, 2021 in online platform.

Personal Details:

Language known: English, Hindi and Kumaoni

Declaration:

I hereby declare that the information mentioned above is true and valid to the best of my knowledge.



(Kavita)