

Dr. Arun Kumar Srivastava

M.Sc., B.Ed., Ph.D. (Zoology)

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CAREER OBJECTIVE

To work in an environment which offers me a challenging job and would provide me opportunity to grow and where I can use my interpersonal, analytical, communication skill and experience to attain the best results.

EDUCATIONAL QUALIFICATION

Qualification	Year	Institution
Ph.D. (Zoology)	2013	D. D. U. Gorakhpur University, Gorakhpur
M.Sc. (Zoology)	2008	D. D. U. Gorakhpur University, Gorakhpur
B.Sc. (Bio)	2006	D. D. U. Gorakhpur University, Gorakhpur
Intermediate	2003	M. G. Inter College, Gorakhpur
High School	2001	Janta Inter College, Siddharth Nagar

RESEARCH TOPIC

Effect of certain attractant bait formulations, containing plant molluscicides on the reproduction of *Lymnaea acuminata* with reference to seasonal variation in abiotic factors.

RESEARCH PUBLICATIONS

- Arun Kumar Srivastava**, D K Singh, Vinay Kumar Singh (2013). “Abiotic factors and anti-reproductive action of bait containing eugenol against *Lymnaea acuminata*”. Scientific Journal of Biological Sciences (SJBS), 2(4): 76-85, Iran.
- Arun Kumar Srivastava**, D K Singh, Vinay Kumar Singh (2014). “Influence of abiotic factors on anti-reproductive activity of bait-containing papain in *Lymnaea acuminata*.” Annual Research and Review in Biology (ARRB), 4(1): 223-237, U.S.A.
- Arun Kumar Srivastava**, A P Tripathi, Priya Srivastava, D K Singh, Vinay Kumar Singh (2014). “Change of seasonal variation and feeding of bait containing piperine on reproduction and certain

biochemical changes of fresh water snail *Lymnaea acuminata*". Frontiers of Biology and Life Sciences, 2(3):53-61, U.S.A.

4. **Arun Kumar Srivastava** and Vinay Kumar Singh (2015). "Alteration in Certain Biochemical Parameters Fed to Bait Containing Piperine against *Lymnaea acuminata*: Intermediate Host of *Fasciola gigantia*." Asian Journal of Biochemistry 10 (5): 214-221, 2015, USA.
5. **Arun Kumar Srivastava** and Vinay Kumar Singh (2015). "Influence of temperature on the fecundity and acetylcholinesterase activity of the fresh water snail *Lymnaea acuminata*." Journal of Biology and Earth Sciences, 5(1):34-39, Poland.
6. **Arun Kumar Srivastava** and Vinay Kumar Singh (2015). "Action of bait containing eugenol (*Syzygium aromaticum*) on biochemical changes in fresh water Snail *Lymnaea acuminata*." Biochemistry and Molecular Biology, 2015; 3(1):1-6, U.S.A.
7. **Arun Kumar Srivastava** and Vinay Kumar Singh (2015). "Reproductive behaviour of *Lymnaea acuminata*." MicroMedicine, 3(1): 8-19, Poland.
8. **Arun Kumar Srivastava** and Vinay Kumar Singh (2015). "Feeding of Snail Attractant Pellets (SAP) Containing Papain On Certain Biochemical Parameters in The Gonadal/Nervous Tissue of The Vector Snail *Lymnaea acuminata*." Singapore J of Scientific Research, 5(1): 12-19, USA.
9. **Arun Kumar Srivastava** and Vinay Kumar Singh (2016). Carica Papaya- A Herbal Medicine. International Journal of Research Studies in Biosciences, 4(11): 19-25, India.
10. **Arun Kumar Srivastava** and Vinay Kumar Singh (2017). Biological action of *Piper nigrum* - the king of spices. European Journal of Biological Research, 7(3): 223-233, Poland.
11. **Arun Kumar Srivastava** and Vinay Kumar Singh (2017). "The Egg-Laying Behaviors of the Gastropod Mollusks." Advances in Tissue Engineering and Regenerative Medicine, 4(2):22-26, U.S.A.
12. **Arun Kumar Srivastava** and Vinay Kumar Singh (2018). "Role of Abiotic Factors and Plant Molluscicides against Reproduction of Snail." Open Access Journal of Biomedical Engineering and Biosciences, 2(3)-2018, OAJBEB, MS.ID.000140, U.S.A.
13. **Arun Kumar Srivastava** and Vinay Kumar Singh (2019). Biological action of essential oils (terpenes). International Journal of Biological & Medical Research, 10(3):6854-6859.
14. **Arun Kumar Srivastava** and Vinay Kumar Singh (2020). "COVID-19: A pandemic threat to public health." Bio Med Research Journal, 5(1): 299-304, U.S.A.
15. **Arun Kumar Srivastava** and Vinay Kumar Singh (2020). Physiological Role of Some Alkaloids. Journal of Medicine and Surgical Sciences, Volume 2 • Issue 3 • 2020, Australia.
16. **Arun Kumar Srivastava** and Vinay Kumar Singh (2020). Snails as biological monitor (Bioindicator). Asian Journal of Advances in Research, 5(1): 06-12, India.

17. **Arun Kumar Srivastava** and Vinay Kumar Singh (2021). Feeding behaviors in Gastropod Molluscs. *Molluscs. J Cell Mol Bio* 5: 013, USA.
18. **Arun Kumar Srivastava** and Vinay Kumar Singh (2021). *Tinospora cordifolia* (GILOY): A MAGICAL SHRUB. *Asian Journal of Advances in Medical Science*, 3(3): 22-30, India.
19. **Arun Kumar Srivastava** and Vinay Kumar Singh (2021). Tulsi (*Ocimum sanctum*): A Potent Adaptogen. *Clinical Research Notes*, 2(2), U.S.A.
20. **Arun Kumar Srivastava** and Vinay Kumar Singh (2022). Anti-fertility role of *Aegle marmelos* (Bael). *Journal of Applied Health sciences and medicine*, 2(2):21-25, 2022, India.
21. **Arun Kumar Srivastava** and Vinay Kumar Singh (2022). Pharmacology of *Glycyrrhiza glabra* (Mulhatti)- The grandfather of herbs. *Journal of Biotechnology and Crop Science*, Vol. 11(1&2), 1-11, India.
22. **Arun Kumar Srivastava** and Vinay Kumar Singh (2023). Medicinal properties of super fruit *Aegle marmelos*. *Himalayan Journal of Agriculture*, 4(2):31-41, Kuwait.
23. **Arun Kumar Srivastava** and Vinay Kumar Singh (2023). Pharmacological Action of Clove (*Syzygium aromaticum*). *Himalayan Journal of Medicine and Surgery*, 4(2):1-4, Kuwait.
24. **Arun Kumar Srivastava**, Arundhati Singh and Vinay Kumar Singh (2023). Ethnomedicinal Potential of Indian Coffee Plum: *Flacourtia jangomas*. *Advances in Research*, 4(2):31-36, USA.
25. **Arun Kumar Srivastava**, Arundhati Singh and Vinay Kumar Singh (2024). Comprehensive review of *Adansonia digitata* (Kalpvriksha): Ethnobotany, phytochemistry and potential applications. *Algerian J of Biosciences*, 5(1):13-23.
26. **Arun Kumar Srivastava** and Farindra Tiwari (2024). Molluscs: an Overview. *The Agriculture Magazine*, Vol. 3(11):516-519. E-ISSN: 2583-1755.
27. **Arun Kumar Srivastava** and Vinay Kumar Singh (2025). Review article “*Cinnamomum tamala* (Tejpatta): A powerful natural herbs”. *Nature and Science*, 23(12):31-40, USA.
28. **Arun Kumar Srivastava**, Arundhati Singh and Vinay Kumar Singh (2026). Review article “Snails transmitted diseases”. *Clinical Case Reports and Studies*, 11(2):1-9, USA.
29. **Arun Kumar Srivastava** and Vinay Kumar Singh (2026). Phytochemical composition and medicinal potential of *Myristica fragrans* (jaiphal). (Communicated).
30. Purnima Shahi, Anjali Yadav, **Arun Kumar Srivastava**, Vinay Kumar Singh, Arundhati Singh (2026). Synergistic Effects of Plant Extracts as Natural Molluscicides: A Comprehensive Review. (Communicated).

BOOK CHAPTERS

- **Arun Kumar Srivastava**, Priya Srivastava and Vinay Kumar Singh. Bioindicator and Chemoattractive behavior of pulmonate snails. Ch.7, pp-118-149. Biological Diversity and Ecology, ENVBOOKS SERIES DPH PVT. LTD, New Delhi, India.
- **Arun Kumar Srivastava** and Vinay Kumar Singh. Antimicrobial activity of papain. In: Antimicrobial activity of natural substances. Karpiński TM, Adamczak A, eds. JB Books, Poznań, Poland, 2017, pp. 19-34. ISBN: 978-83-947078-2-8.

SEMINAR / WORKSHOP / WEBINAR PARTICIPATION

- One day National Webinar ‘To observe world Tuna day’ on 2nd May-2021, organized by Department of Economics in association with Department of Zoology, Poona College of Arts, Science and Commerce.
- One day National Webinar on ‘Emerging Trends of Research Dimensions for Self-Reliant India’ on June-02, 2020, organized by Mahatma Gandhi Chitrakoot Gramodaya Vishvidyalaya, Chitrakoot, M.P.
- Two day International Webinar on ‘Trends in Sustainability Regenerative Agriculture’ on 26-27 June, 2020, organized by Department of Botany, M.P.P.G. College, Jungledhusar, Gorakhpur, U.P.
- One day National Webinar on Scheme of Dekho Apna Desh on the topic ‘Diverse Dimensions of Indian Culture: A review’ on 2nd July, 2020, organized by Ramabai Government Women Post Graduate College, Akbarpur, Ambedkarnagar, U.P.
- One day National Webinar on ‘Impact of Covid-19 on Society and the Future Prospective of Higher Education in India’ on 17 June, 2020, organized by Ramabai Government Women Post Graduate College, Akbarpur, Ambedkarnagar, U.P.
- One day International Webinar on Covid-19: Challenges and Perspective on June-03, 2020, organized by Department of Botany, Digvijay Nath PG College, Gorakhpur, U.P.
- Two day International Webinar on ‘Pandemic Covid-19: Current Scenario and Future Perspective with Reference to India’ on June-7th and 8th 2020, organized by IQAC, Dr. Shyama Prasad Mukherjee Government Degree College, Bhadohi, Uttar Pradesh.
- Two day International Webinar on ‘Pandemic Era of COVID-19: Where We Stand? Where to Go’ on 9-10 June, 2020, organized by Department of Zoology, DDU Gorakhpur University, Gorakhpur, U.P.
- Two Day International Webinar on ‘Survival with COVID-19’ on 23-25 June, 2020, organized by Department of Chemistry, Digvijay Nath PG College, Gorakhpur, U.P.

ACHIEVEMENTS

- Participated in National conference on Challenges of Biological and Environmental Sciences in 21st century on 19 & 20 December-2014 organized by SVM PG College, Gorakhpur.

- Participated in International Conference, Harmony-2013 organized by department of Zoology and Environmental Science from DDU Gorakhpur University, Gorakhpur.
- Participated in 2nd National symposium on BARC technologies for development of rural India (BTDRI) 2013 organized by BARCOA and DDU Gorakhpur University, in association with BRNS, Mumbai at DDU Gorakhpur University Gorakhpur.
- Participated in Third Departmental Seminar of Zoology and Environmental Science-2007 from DDU Gorakhpur University, Gorakhpur.

WORK EXPERIENCE

- Worked as Assistant Professor Zoology in Shri Guru Goraksha Nath P.G. College, Ghughli, Mahrajanj, U.P. from July 2015 to May 2021 (Under Self Finance Scheme).
- Currently Working as Assistant Professor Zoology (PG Levels) in M.G.P.G. College, Gorakhpur from 12/11/2021 to till date (Under Self Finance Scheme).

PERSONAL PROFILE

Father's Name	Late. Srikrishna Chandra Srivastava
Mother's Name	Smt. Nirmala Devi
Sex	Male
Date of Birth	05-07-1987
Category	General
Marital Status	Married
Nationality	Indian
Languages Known	Hindi and English
Permanent Address	Dr. Arun Kumar Srivastava, Village – Fattepur, Post- Mahui Nankar, Via- Dharmsinghwa, District- Siddharth Nagar, Pin Code- 272154
Address for Correspondence	C/O Prof. Vinay Kumar Singh, H.NO.-01, K.M. Munsii Colony, Near Pant Park, D.D.U. Gorakhpur University, Near Guest House, Gorakhpur-273009, U.P., India

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