

# Dr. Amrita Singh

**Associate Professor**

**Department of Zoology**

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**Date of first Joing- 18/06/2009**

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**M-861 Sector M Aashiyana Colony, Kanpur Road, Lucknow U.P- 226012**

**Natinality- Indian**

**Gender- Female**



## **Educational Qualification**

<b>Examination Passed</b>	<b>Board/ University/ Institute</b>	<b>Year</b>	<b>Division</b>	<b>Subjects</b>
Ph.D.	DDU Gorakhpur University	2001	-	Zoology
M. Sc.	DDU Gorakhpur University	1998	First	Zoology
B. Sc.	DDU Gorakhpur University	1996	First	Zoology, Botany
Intermediate	N.E. Railway Senior Secondary School, Gorakhpur	1993	First	Hindi, Physics, Chemistry, Biology, English
High School	St. Paul's School Gorakhpur	1991	Second	Hindi, English Mathematics, Science, History, Civics, Geography, Economics.

## **List of Publications**

1. **Amrita Singh** and D.K. Singh (2001). Molluscicidal activity of the Custard apple (Annona Squamosa) alone and in Combination with other plant derived molluscicides. Journal of Herbs, Spices and Medicinal Plants, 8:23-29, USA

2. **Amrita Singh** and D.K, Singh (2001). Molluscicidal activity of Lawsonia inermis and its binary and tertiary combinations with other plant derived molluscicides. Journal of Experimental Biology, 39:263-268. India.
3. I. G. Rao, **Amrita Singh**, V.K. Singh and D.K. Singh (2003). Effect of single and binary combination of plant derived molluscicides on different enzyme activities. In the nervous tissue of Achatina fulica. Journal of Applied Toxicology, 23;19-22 U.K
4. **Amrita Singh** and D.K. Singh (2004). Effect of herbal molluscicides and their combinations on the reproduction of the snail Lymnaea acuminata. Archives of Environmental Contamination and Toxicology,46: 470-477, USA
5. **Amrita Singh** and D.K. Singh (2003). Enzyme inhibition by herbal molluscicides in the nervous tissue of the snail Lymnaea acuminata. Journal of Sciences Islamic Republic of Iran, Iran, 14:227-233.
6. **Amrita Singh**, D.K. Singh and V.B. Kushwaha (2002). Alginates as binding matrix for bio-degradable molluscicides against harmful snails Lymnaea acuminata. Journal of Applied Polymer Science, USA. 105: 1275-1279.
7. Veena P. Swami, **Amrita Singh**, Ashok Kumar and Tabrez Ahmad. Toxic repellent and population suppressant activities of selected powders towards coleopteran beetles infesting stored grains. Ins. J. Aqua. Sci& Tech. Vol1 (1) 2012 pp 7-13 ISSN:2319-880X
8. Veena P. Swami, Ashok Kumar and **Amrita Singh**, Bio efficacy and synergistic effects of some spices against infestation by Callosobruchus masculatus and Tribolium castaneum. The Biosphere, 5 2013 93-98 ISSN 0975- 3877
9. **Amrita Singh**, Veena P. Swami, and Ashok Kumar. Effects of different combinations of plant Products against harmful snails Lymnaea acuminata. The Biosphere 2013,2 177-179
10. **Amrita Singh**, Ashok Kumar and Veena P. Swami, , Laboratory evaluation of leaf of Annona squamosa to suppress population of malarial vector Anopheles stephensi (Diptera Culicidae). CIBTech journal of Pharmaceutical sciences ISSN 0975-3 2013,3, 5-8 ISSN:2319-3891(online)
11. Ashok Kumar Veena P. Swami, and **Amrita Singh**. To study on the population dynamics of mango hopper Amritodus atkinsoni leth REJ, Chem. Environ. Sci. vol2 2014;48-51 ISSN;2321-1041(online),
12. Veena P. Swami, Tabrez Ahmad, **Amrita Singh**, Ashok Kumar and Vivek Dixit. Study of physico chemical conditions of different pond water of rural areas of Lucknow district,, U.P. International Research Journal of Natural and Applied Sciences, vol 4(8) 54-61,2017
13. **Amrita Singh**, Evaluation of different combination of plants products on different developmental stages Anopheles stephensi (Diptera Culicidae). Journ of Entomo and Zool. Studies 8(6) 20201642-1644
14. **Amrita Singh**, Effect of acetogenins of Annona squamosa on different developmental stages of Culex quinquefasciatus Say JETIR 2021 8(3)195-201

15. Veena P. Swami, Tabrez Ahmad, Vivek Dixit, Ashok Kumar, **Amrita Singh** and Dharamraj Verma, Sustainable control and management of mealy bug infestation. Journ of Emmerging Technologies and Innovative research 9 (1)2022, 424-433 ISSN;2349-5162.

### **BOOKS**

1. Animal Behaviour by Amrita Singh, Mangalum Publication, New Delhi ISBN 978-81-947101-1-0 2020
2. Concepts of Developmental Biology By Amrita Singh, Anvi Books and Publishers, New Delhi ISBN 978-93-90856-35-0 2022

### **BOOK CHAPTERS**

1. Soil Degradation and Restoration ,Recent trends in biodiversity and Environmental Sciences Anvi Books and Publishers, New Delhi ISBN978-81- 950267-3-9,2020
2. Vermicomposting, a method of worm farming Recent trends in biodiversity and Environmental Sciences Anvi Books and Publishers, New Delhi ISBN978-81- 950267-3-9,2020
3. Mollusc distribution and Feeding habits, Scope and Challenges of Science, Engineering and Technology

### **Conferences/Workshop/Seminars**

1. Molluscicidal activities of acetogenins and its combinations with other bio-molluscicides against harmful snails in Professional Development Course at UGC Academic Staff College, University of Lucknow, Government of UP sponsored from March 22-28, 2011
2. Enzyme Inhibition by plant products in the snail *Lymnaea acuminata* in National Seminar on Environmental Management and Bio-diversity Conservation on 26-27 February 2011 at Omkararananda Institute of Management and Technology, Rishikesh, India
3. A study on Butterfly diversity and Abundance in National Seminar on Advances in aquatic biology, biodiversity conservation and livelihood Marsh 12-13 2011
4. Larvicidal activity of bioproducts of plants in 22 All India Congress of Zoology and National Seminar on Recent Advances in Biological Sciences: Biodiversity and Human welfare, organized by University of Lucknow and Zoological Society of India Bodh Gaya, December 29-31 2011
5. Phytochemicals from plants and its molluscicidal activities against harmful snail *L. acuminata* in National seminar on Environmental Health Challenges and Management

organized by Pt. Deen Dayal Upadhyay Government Girls PG College on January 20-21 2012

6. Seminar cum training workshop in Zoology 2012. Recent Techniques in molecular and Cell Biology o February 27-29 2012
7. Water pollution related to agricultural, Industrial and urban activities in the 2 International Conference on Ad 20-22 October 2018 Advances, in Agricultural, Biological and Applied Sciences for sustainable future (ABAS-2018) 20-22 October 2018 at 2018 Sardar Patel at Sardar Patel Auditorium, Swami Vivekanand Subharti University, Meerut
8. Role of Applied Zoology in Current Scenario. International Conference on Advances in Biological and Environmental Research for Human welfare on 16-18 November 2018, Department of Zoology, DDU, Gorakhpur University Gorakhpur U.P
9. Life Style choices: The root cause of chronic diseases. National Seminar on Nature and Future Ecocritism in India, organized by Dept. of English, BSNV PG College 2-3Feb 2018
10. Effect of Environmental conditions on butterfly diversity. National Conference on Impact of Environmental Xenobiotics on Human Health and Biodiversity organized by Dept of Zoology, University of Lucknow, Lucknow 30-31 March 2018
11. Effect of Anthropogenic activity on Environmental degradation. International Symposium on Indiscriminate development: Current Scenario and Socio-environmental challenges IDSC2018. Botanical survey of India Allahabad. 18-19 March 2018
12. Controlled Release of pesticides against harmful snails, International conference on Global environment and Human existence, Changes and Challenges on September 7-8 2019 organized by Navyug Kanya Mahavidyalaya Lucknow, U.P
13. Nutritional strategies in boosting immune system for beating covid-19. National webinar on Impact of covid 19 pandemic on environment and future prospects organized by Department of zoology, NREC khurza in collaboration with orthoclinical diagnostic India Pvt. Ltd. 21 june 2020
14. National Seminar cum workshop on 'Computational Biology': An Integrated approach for Advance research on Behaviral Allirations induced by Cadmium Chloride in Fresh water mussel, *Lamellidense marginalis* on March 21-21, 2022.
15. National confluence and hands on workshop on Experimental and Public Health, March 7-9, 2022 and submitted abstract on Mental Health during and after Covid 19-Pandemic

Organized by Experiment and Public Health Laboratory and Molecular and Human Genetics  
Laboratory, Department of Zoology, University of Lucknow.

***Declaration:***

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*I hereby declare that all the information furnished here are true, complete and correct to the best of my knowledge and belief.*

**Place: - Lucknow**

**(Dr. Amrita Singh)**