Personal Information	
Name	***Dr. Pooja Agrahari***
Date of Birth	**02/07/1987**
Nationality	**Indian**
Contact	**Phone: 9026578717** **Email: pagrahari1234@gmail.com** **Address: Head, Deapartment of Zoology** **C. M. Science College, Darbhanga,** **Bihar, Pin- 846 004**

Current Position: Working as Assistant Professor (Sr. Scale) in Department of Zoology, C.M. Science College, Darbhanga, Bihar.

Education	M.Sc; Ph.D
Ph.D. [Science]	[D.D.U. Gorakhpur University], [2013], Effect of Abiotic and other factors on the toxicity and attraction of bait formulations against *Lymnaea acuminata*
M.Sc. [Science]	[D.D.U. Gorakhpur University, Gorakhpur], [2008]
B.Sc. [Science]	[D.D.U. Gorakhpur University, Gorakhpu], [2006]
Research Interests	Molluscan Physiology, Biochemistry, Pharmacology and Toxicology.
Teaching Experience	Since 27th September, 2019 to till date from Undergraduate and Postgraduate level in Department of Zoology, C. M. Science College Darbhanga, Bihar from September 2019 to till date. (Six years)

Experience/ Training

- **Teaching Experience (06 years)** since 27th September, 2019 to till date from Undergraduate and Postgraduate level in Department of Zoology, C. M. Science College Darbhanga, Bihar from September 2019 to till date.
- **Research experience (15 years)** from December 2009 to till date from Department of Zoology, D.D.U. Gorakhpur University Gorakhpur and Department of Zoology, C.M. Science College Darbhanga, Bihar.
- **Senior Research Fellow (SRF) ICMR** Funded project National Institute of Virology Center, Gorakhpur Unit, B.R.D. Medical College, Gorakhpur from

June2013 to July 2014

- **Post Doc Women Scientist Fellowship** from UGC from July 2014 to August 2016 in Department of Zoology, D.D.U Gorakhpur University, Gorakhpur.

Book-

1. Frontiers in Entomology: Emerging Technologies and sustainable strategies for insect management. **2025. K.D. Publication, Pune (ISBN-978-93-48091-65-9).**

Research Paper

2. Behavioural responses of the snail *Lymnaea acuminata* to carbohydrates and amino acids in bait pellets. ***Annals of Tropical Medicine and Parasitology*, 104(8): 667-671, 2010. Impact Factor- 1.5.** 2047-7732

3. Toxicity of snail attractant pellets containing eugenol with respect to abiotic factors against the vector snail *Lymnaea acuminata.* ***Biological Agriculture and Horticulture*, 28(30): 156-166, 2012. Impact Factor- 1.36** 2165-0616

4. Seasonal variation in abiotic factors and ferulic acid toxicity in snail attractant pellets against the intermediate host snail *Lymnaea acuminata.* ***Zoonoses and Public Health*, 60(7): 478-486**, **2013. Impact Factor- 2.70. ISSN** 1863-2378

5. Influence of abiotic factors on the molluscicidal activity of bait containing limonene against *Lymnaea acuminata.* ***International Journal of Pest Management,* 59(3): 217-223, 2013. Impact Factor-1.67. ISSN** 1366-5863

6. Effect of various electrolytes on control release of bio-molluscicides loaded in alginate as crosslinked matrices**.** ***Journal of Entomology and Zoology Studies*, 4(5): 1007-1012, 2016. Impact Factor- 0.7.** 2320-7078

7. Atomic absorption spectroscopy detection of heavy metals (Pb, Hg, As, Cu) contamination in the water of natural lakes of District Gorakhpur, U. P. India, ***Journal of Biological and Chemical Research*, 34(2): 538-547, 2017. Impact Factor- 1.5.** 2319-3077

8. *Ficus religiosa* Tree Leaves as Bioindicators of Heavy Metals in Gorakhpur City, Uttar Pradesh, India. ***Pharmacognosy Journal*, 10(3): 416-420, 2018. Impact Factor- 1.07.** 0975-3575.

9. Atomic absorption spectroscopy detection of heavy metals (copper and lead) in different vegetables of district Gorakhpur, U. P. India. **International Journal of Advance Research, 11(1): 985-992. Impact Factor- 1.07.** 2320-5407

10. Attraction of Umbelliferone in Snail Attractant Pellets (SAP) against the Snail *Lymnaea acuminata*: An Intermediate Host of *Fasciola gigantica*. **Asian Journal of Research in Zoology, 6(2), 33-39, 2023; Impact Factor- 0.07.** 2582-466X

11. Phytoremediation of lead contaminated soil with the help of *Bambusa vulgaris*. **Algerian Journal of Biosciences, 4(1), 064-070, 2023; Impact Factor- 1.08.** 2716-9375

12. Influence of Abiotic Factors and Umbelliferone Toxicity in Snail Attractant Pellets Against the Vector Snail *Lymnaea acuminata*. **Journal of Ecophysiology and Occupational Health, 23(3), 135-139, 2023; Impact Factor- 1.0.** 0974-0805

13. Epidemiological study of soil transmitted helminthes infestations in population of Darbhanga region of Bihar. (2023). ***Biospectra*,** 18(2):75-80. (ISSN 0973-7057).

14. Effect of temperature on explosion of epizootic ulcerative syndrome. (2023) ***Biospectra*,** 18(2): 121-124. (ISSN 0973-7057).

15. Hamatological changes in *Channa punctatus* with epizootic ulcerative syndrome. (2024). ***International Journal of Global Science Research***, 11(2): 2496-2499. (ISSN-2348-8344).

16. Formulation based management of plants products as essential oils against stored grain insect pests *Sitophilus oryzae* L. (Coleoptera: Curculionidae). (2024). ***Journal of Biopesticides***. 17(2): 98-105. (ISSN-2230-8385).

17. Histopathological investigation on *Puntius sophore* (Hamilton) affected by epizootic ulcerative syndrome. (2025). ***Uttar Pradesh Journal of Zoology***, 46 (5):1-8. (ISSN-0256-971X).

Review Article

1. A Review on the Pharmacological Aspects of *Carum carvi.* ***Journal of Biology and Earth Sciences*, 4(1): M1-M13, 2014. Impact Factor- 0.68.** 2084-3577

2. A Review on the Pharmacological Aspects of *Terminalia Chebula.* ***International Journal of Pharmacology*, 10(6): 289-298, 2014. Impact Factor- 1.5.** 1812-5700

3. A Review on salient pharmacological features of *Momordica charantia.* ***International Journal of Pharmacology*, 11(5): 405-413, 2015. Impact Factor- 1.5.** 1812-5700

Total Number of Conferences/ Seminars attended:

1. **National Seminar** on "Biodiversity Changing pattern and Conservation strategies", Dept. of Botany, D.D.U. Gorakhpur University, Gorakhpur, U.P., Gorakhpur. (26-28 November, 2011).
2. **1st Utter Pradesh Science** "Congress Science for Shaping the Future of Utter Pradesh" Organized by Deen Dayal Upadhyaya Gorakhpur University, Gorakhpur, U.P. (02-04 March, 2013).
3. **National Symposium** on "Advances in Zoology and Environmental Science", Dept. of Zoology, D.D.U. Gorakhpur University, Gorakhpur, U.P. (13-14 March, 2013).
4. **National Symposium** on "BARC TECHNOLOGIES FOR DEVELOPMENT OF RURAL INDIA (BTDRI-2013)" Organized by BARCOA and Deen Dayal Upadhyaya Gorakhpur University, Gorakhpur, U.P. in association with BRNS, Mumbai (12-13 March, 2013).
5. **National Conference** on "Drug Discovery, Threatened Medicinal Plants & Strategies for Sustainable Use" Organized by Dept. of Botany, St. Andrews College, Gorakhpur (25-26 September, 2013).
6. **International Conference Harmony-2013** on "Harmony with Nature in Context of Ecotechnological Intervention and Climate Change" Organized by D.D.U. University Gorakhpur and National Environmentalists Association, Ranchi, Jharkhand. (11-13 November, 2013).
7. **National Seminar** on "Recent Trends in Microbiology", Organized by Dept. of Industrial Microbiology, D.D.U. Gorakhpur University,

Gorakhpur, U.P., Gorakhpur. (15 March, 2014).

8. **International Conference** on "Faunal Biodiversity and their Conservational Strategies" held at Department of Zoology, Lucknow University, Lucknow (22-23 March-2014).
9. **National Seminar** on "Advances in Zoology and Environmental Science", Dept. of Zoology, Marwar Buisness School, Gorakhpur, U.P. (24-25 March-2014).
10. **Brain Stroming Conference** on "Emerging new epidemiological dimensions of Japanese encephalitiss (JE) and other Acute Encephalitis Syndromes (AES)" Organized by Centre for Research In Medical Entomology (ICMR), Madurai (26-27 June. 2014).
11. **International Symposium** on "Biodiversity: Status, Utilization and Impact of Challenging Climatic Conditions", Organized by Department of Applied Animal Science, Babasaheb Bhimrao Ambedkar University, Lucknow. (30-31 October-2014).
12. **National Seminar** on "Biodiversity & Climate Change Adaptations – Current Status, trends & Policy responses". Organized by Dept. of Botany, St. Andrews College, Gorakhpur (03-04 December, 2014).
13. **National Conference** on "Challenges of Biological & Environmental Sciences in 21stCentury" Organized by Department of Zoology, Saraswati Vidya Mandir Mahila P.G. College, Gorakhpur (19-20 December-2014).
14. **International Symposium** "Frontiers of Natural Products Research and Human Health & 2nd Annual Meeting of Indian Society for Life Science" Organized by Dept. of Zoology, D.D.U. Gorakhpur University & ISLS (19 December-2015).
15. **National Conference** on "Climate Change, Medicinal Plants and public Health: strategizing an ethnobotanical social resilience" Dept. of Botany, St. Andrews College, Gorakhpur (27-28 January, 2016).
16. International Conference on **Advances in Biological and Environmental Research for Human Welfare**, Dept. of Zoology, D.D.U. Gorakhpur University, Gorakhpur, U.P. (16-18 November 2018).
17. **National Conference on "Emerging Trends in Science"** In Maharana

Pratap P.G. College, Jungle Dhushan (01-02 February 2019).

18. **National Conference on "Bioremediation and Detoxification of Environmental Pollutants" In** University Department of Zoology, L.N.M. University Darbhanga. (28 January 2021).
19. **International Conference on "Recent Advances in Life Sciences with reference to disease, disorders and adaptations" In** University Department of Zoology, L.N.M. University Darbhanga (26-27 July, 2021).
20. **International Conference on "Emerging Trends in Science and Technology {ICETST-2022}"** In M.L.T. College, Saharsa (A constituent Unit of B.N. Mandal University, Madhepura. (23-24 May, 2022).
21. **National Seminar on "Psycho-Biology of Ageing: Issues and Challenges" In** M.G. College, Sundarpur, Darbhanga. (05 November, 2022).
22. **International Symposium on "Role of Genetic Polymorphism in Health Science"** In University Department of Zoology, B.N. Mandal University, Madhepura. (17 May, 2023).
23. International conference on Science, Society and culture. Paper presented: **Insecticides-resistance status to control of mosquito borne diseases in endemic areas of Eastern Uttar Pradesh**. Nepal Aquaculture Society, Kathmandu Nepal 6-7 October 2023. (02 Days).
24. International colloquium on "**Integrative Biology and opportunities using industry academia interface (ICIB 2024)**" organized by University Department of Zoology, L.N. Mithila University, Darbhanga, Bihar. 01st - 02nd August, 2024. (Paper presented)
25. International conference on **"Recent Advances in Life sciences: Challenges and Opportunities"** organized by University Department of Botany, L.N. Mithila University, Darbhanga, Bihar. 03-04 December, 2024. (Invited Lecture)
26. International conference on "**Agroecology and Pest Management: Balancing Environment and Human Health**" organized by University Department of Zoology, L.N. Mithila University, Darbhanga, Bihar. 18-19 July, 2025. (Paper presented)

Workshop

1. Workshop on "**Writing research paper**" Jointly organized by Academic staff College, D.D.U. Gorakhpur University, Gorakhpur and University Grants Commission, New Delhi. (28-29 November, 2011).
2. Workshop on "**Biodiversity and Conservation**" organized by St. Andrew's College, Gorakhpur and Ministry of Forest. (1st November, 2012).
3. Workshop on "**Plant Molecular Cytogenetics**" organized by St. Andrew's College, Gorakhpur. (27 October to18 November-2014).
4. Workshop on "**Farmers Awareness Workshop**" for Production and used of Vermicompost Organized by Department of Zoology, D.D.U. Gorakhpur University, Gorakhpur, U.P. (21 December, 2014).
5. Workshop on "**Itellectual Property Rights (IPRR)**" Organized by faculty of Scienec, B.N. Mandal University, Madhepura, Bihaar (22 September, 2021).

Faculty Development Programs attended/ Training Programs (Academic Staff College)

(i) **Grade A+** in Four Week **Faculty Induction/Orientation Programme** for "Faculty in Universities/Colleges/Institutes of Higher Education" from September 01- September 30, 2020 organized by Teaching Learning Centre, Ramanujan College, University of Delhi, under the aegis of Ministry of Human Resource Development - Pandit Madan Mohan Malaviya National Mission on Teachers and Teaching (MHRD - PMMMNMTT).

(ii) **Grade A+** in Four Week "**Online 122 Faculty Induction Programme"** for Faculties in Universities/Colleges/Institutes of Higher Education, February 02- March 02, 2021, organized by UGC- Human Resource Development Centre, D.D.U. Gorakhpur University.

(iii) **Grade A+** in Four Week **Induction/Orientation Programme** for "**Faculties in Universities/Colleges/Institutes of Higher Education**", June 26-July 24, 2020, organized by Teaching Learning Centre, Ramanujan College, University of Delhi, under the aegis of Ministry of Human Resource Development - Pandit Madan Mohan Malaviya National Mission on Teachers and Teaching (MHRD - PMMMNMTT).