



ENLIGHTENMENT TO PERFECTION

UNIVERSITY OF NORTH BENGAL

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Raja Rammohunpur, Dist- Darjeeling, West Bengal, Pin-734013, India.

Department of Zoology

Print

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Subject Specialization: Fish Biology and Vector Biology**Areas of Research Interest:** Fish Biology, Vector Biology and Geometric Based Morphometric**No. of Ph.D. students:** (a) Supervised: Nil (b) Ongoing: Nil**No. of Ph.D. Thesis Examined:** (a) International: Nil (b) National: Nil**No. of Publications:** (a) Journal(s) : 11 (b) Book(s) : 00 (c) Book Chapter(s): 02**Achievement & Awards:**

- G.A.T.E. (2012) & C.S.I.R. -NET (2015 -June)
- Worked in CSIR Sponsored Project as both JRF (23.07.2012 to 22.07.14) and SRF (23.07.2014 to 22.07.2015).
- YOUNG SCIENTIST AWARD in the 8th Uttarakhand State Science Congress in Category -1, Oral on 26-28th Dec., 2013 at Doon University, Dehradun.
- 2nd position in Cat P-3 (Poster) in SBS (PG) Institute, Balawala, Dehradun, National Symposium on Perspectives on research in science and health care held on 29th-30th Jan., 2016.
- YOUNG SCIENTIST AWARD (Oral) in D.A.V.(P.G.) College, Dehradun, National seminar on Environmental health vis-à-vis human welfare in present scenario held on 18th-19th April, 2016.

Professional Experiences:

- Assistant Professor in Post-Graduate Department (Zoology) In ALPINE GROUP OF INSTITUTES, Nanda Ki Chowki, Premnagar, Dehradun-248007 from August 2016 to July 2017.
- Assistant Professor, Department of Zoology, University of North Bengal, Raja Rammohunpur, District Darjeeling 734 013 (July, 2017 onwards).

Administrative Experiences: Nil**Other Information:** For other details please visit [Research Gate](#) or [LinkedIn](#)**Papers Presented in the Seminar/Conference/Convention/Workshop:**

- International Seminar entitled Our genes and genomes-past, present and future at I.C.F.R.E. Auditorium, Dehradun on 04th Feb 2015.
- Ritwik Mondal, N. Pemola Devi and R.K. Jauhari: Studies on the experimental survivorship of *Aedes* sp. in differentiated breeding water collected from district Dehradun, Uttarakhand. In 11th Uttarakhand State Science Congress, Dehradun (02-04th Mar., 2017).
- Ritwik Mondal, N. Pemola Devi and R.K. Jauhari: An innovative way to control immature mosquitoes through quantified water feeding efficiency of dragon fly nymph-*Braddynopyga geminate*. In National seminar on Environmental health vis-à-vis human welfare in present scenario in D.A.V. (P.G.) College, Dehradun (18-19th Apr., 2016).
- Ritwik Mondal, N. Pemola Devi and R.K. Jauhari: Mark-release recapture to determine the dispersal of *Aedes aegypti* and *Aedes albopictus* in Dehradun city, Uttarakhand. In 10th Uttarakhand State Science Congress, Dehradun (10-12th Feb., 2016).
- Ritwik Mondal, N. Pemola Devi and R.K. Jauhari: Characterization of mosquitocidal activity of bacteria isolated from soils of Dehradun city, Uttarakhand, India. In National Symposium on Perspectives on research in science and health care, S.B.S. (P.G.) Institute, Balawala, Dehradun (29-30th Jan., 2016).
- Ritwik Mondal, N. Pemola Devi and R.K. Jauhari: Effects of salinity and pH on survival of mosquito larvae. In National conference on Monitoring and Management of Drinking water quality (MMDWQ, Vigyan Dham, Dehradun (21-23rd Dec., 2015).
- Ritwik Mondal, N. Pemola Devi and R.K. Jauhari: Landmark based geometric morphometry analysis of wing shape among certain species of *Aedes* mosquitoes in district Dehradun (Uttarakhand). In 9th Uttarakhand State Science Congress, Dehradun (26-28th Feb., 2015).
- N. Pemola Devi, R.K. Jauhari and Ritwik Mondal: Ovitrap surveillance of *Aedes* mosquitoes (Diptera: Culicidae) in selected areas of Dehradun district, Uttarakhand, India. In 8th Uttarakhand State Science Congress, Dehradun (26-28th Dec., 2013).
- Ritwik Mondal, N. Pemola Devi and R.K. Jauhari: Occurrence of *Aedes* mosquitoes (Diptera: Culicidae) in urban areas of Doon Valley (Uttarakhand). In Int. Conf. on Recent trends in Climate change Researches vis-à-vis Biodiversity, Bareilly (3-4th Dec., 2012).

- Hands in training in Pharmaceutical Sciences at *National Symposium on Perspectives on research in science and health care*, S.B.S. (PG) Institute, Balawala, Dehradun on 29-30th Jan., 2016.
- National training workshop on fauna of Shivalik Ecosystem (Uttarakhand) and the application of GIS in conservation of fauna at *ZSI (NRC) and IIRS, Dehradun* on 20-24th Jul;2015.
- Workshop on application of Remote Sensing and GIS in water resource management at *Doon University, Dehradun* on 4-5th Jun; 2014.
- Training workshop on instruments maintenance and safety in laboratory at *Deen Dayal Upadhyay Auditorium, D.A.V. (P.G.) College, Dehradun* on 30th Sep; 2012.

Selective List of Publications:

Book Chapters

1. Ritwik Mondal, N. Pemola Devi and R.K. Jauhari (2016): An innovative way to control immature mosquitoes through quantified water feeding efficiency of dragon fly nymph-*Braddynopyga geminate*. Environmental Health, Eds. Sunil Kumar *et al.*, Published by ABS Books, Delhi. 105-112.
2. Ritwik Mondal, N. Pemola Devi and R. K. Jauhari (2014): Occurrence of *Aedes* mosquitoes (Diptera: Culicidae) in urban areas of Doon Valley (Uttarakhand). Modern Parasitology, Eds. Neelima Gupta and D.K. Gupta, Narendra Publishing House, Delhi. 255-262.

Journals

1. Amar Paul Singh, Shagun Mahajan and Ritwik Mondal (2017): Comparative study of temperature dependent development of final instars larvae of *Danus chrysippus* and *Junonia iphita* at room temperature. Flora and Fauna 23(2):391-403.
2. Amar Paul Singh, Shagun Mahajan, V.P. Uniyal and Ritwik Mondal (2017): First report on Scarabaeid (Coleoptera) Fauna of Sahaspur, Uttarakhand. Journal of Ent. And Zool. Studies 5(6): 17-22.
3. Ritwik Mondal, N. Pemola Devi and R.K. Jauhari (2017): Comparison of larvicidal efficiency among commercially available essential oils and chemical insecticides on mosquito larvae. Ann. Entomol., 35 (01): 21-26.
4. Ritwik Mondal, N. Pemola Devi and R.K. Jauhari (2017): Mark-release recapture (MRR) study to determine the dispersal of *Aedes aegypti* and *Aedes albopictus* in Dehradun city, Uttarakhand. J. Commun. Dis. 49(3): 42-48.
5. Ritwik Mondal, N. Pemola Devi and R.K. Jauhari (2016): Studies on symptomatic profiles of Dengue fever (DF) vis-à-vis Non Dengue fever (NDF) in district Dehradun, Uttarakhand. J. Commun. Dis. 48(4): 15-20.
6. Ritwik Mondal, N. Pemola Devi and R.K. Jauhari (2016): Bacterial isolates found in breeding habitats of mosquitoes in Dehradun city, Uttarakhand. J. Adv. Res. Micro Biol. 1(1&2):1-7.
7. Ganesh Kumar Maurya, Chandan Malick, Ritwik Mondal, Lokesh Gambhir (2016): Study of acute toxicity of inorganic fertilizer NPK (15:15:15) on cat fish, *Heteropneustes fossilis*. Int. J. Appl. Biol. and Pharm. Tech. 7(2): 243-253.
8. Ritwik Mondal, N. Pemola Devi and R.K. Jauhari (2015): Bacterial characterization in natural breeding habitats of *Aedes* mosquitoes and their role on ovipositional response. International J. of Mosquito Research. 2(3): 175-181.
9. Ritwik Mondal, N. Pemola Devi and R.K. Jauhari (2015): Landmark based geometric morphometry analysis of wing shape among certain species of *Aedes* mosquitoes in district Dehradun (Uttarakhand). J. Vector Borne Dis. 52:122-128.
10. N. Pemola Devi, Ritwik Mondal and R.K. Jauhari (2014): Physico-chemical assessment of natural breeding habitats of mosquito larvae in outskirts of Dehradun city, Uttarakhand. J. of Commun. Disease. 46(3): 29-39.
11. N. Pemola Devi, R.K. Jauhari and Ritwik Mondal (2013): Ovitrap surveillance of *Aedes* mosquitoes (Diptera: Culicidae) in selected areas of Dehradun district, Uttarakhand, India. Global J. Med. Res. 13(5): 52-57.
12. Ritwik Mondal, N. Pemola Devi and R.K. Jauhari (2017): Dengue fever incidence and meteorological variable in district Dehradun (Uttarakhand), India □ Temporal analysis. J. of Expt Zoology (Accepted).