

Dr. JYOTI VERMA

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DOB: 22/08/1991

EDUCATIONAL QUALIFICATION

Doctor of philosophy in Zoology* : 2020
University of Lucknow

Master of Science in Zoology 65.5 % : 2013
University of Lucknow

Bachelors of Science in Botany and Zoology 57% : 2011
Mahila Vidyalaya PG College, University of Lucknow

Thesis Title: Studies on the genus *Cornudiscoides* Kulkarni, 1969

TECHNICAL EXPERIENCE

Morphometry, Histological Staining, ELISA, Microtomy, DNA Extraction, PCR (Polymerase Chain Reaction), Electrophoresis, Bioinformatics tools

MEMBERSHIP IN SCIENTIFIC ORGANIZATION

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- UGC-BSR Fellow
 - Life Member of Indian Science Congress
 - Life Member of Helminthological Society of India
 - Life Member of World Science Congress

AWARDS

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- **Young scientist oral presentation award** in 2nd National symposium on fish parasite,

Arunanchal Pradesh.

- **Best Poster award** in National symposium on Helminthiases and their control measure and annual meeting of Helminthological Society of India, Meerut.
 - **Best Poster award** in 3rd National Symposium on Fish Parasite at University of Lucknow, Lucknow -226007
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REFERENCES

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| ▪ Prof. Nirupama Agrawal, Ashutosh Mookerji Fellow
Department of Zoology University of Lucknow
Lucknow-22007 | Mobile : 9415108585
Email: dr_neeru_1954@yahoo.co.in |
| ▪ Dr. Pushpa Vishwakarma, Head
Department of Zoology, Sri Jai Narain P.G. College
(KKC), Lucknow, | Mobile : 9235566787
Email : pushpa.amish@gmail.com |
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PUBLICATIONS

1. **Verma, J.**, Agrawal, N and Laxmi, V. **2022**. Description of six new species of the genus *Cornudiscoides* Kulkarni, 1969 (Monogenea: Dactylogyridae) from two catfish, *Mystus*, Scopoli, 1777 and *Sperata* Holly, 1939, with a note on its biodiversity. *Journal of Applied and Natural Science* , 14, 268- 282.
2. Verma, A.K. and **Verma, J.** **2021**. Redescription and New Host Record of *Heteraxinoides atlanticus* (Monogenea: Heteraxinidae) from the Gills of *Nemipterus japonicas* (Bloch) and Its Systematics. *Agricultural Science Digest*. DOI:10.18805/ag.D-5293.
3. **Verma, J.** and Agrawal, N. **2021**. Molecular characterization of Indian species of the genus *Cornudiscoides* Kulkarni, 1969 (Monogenea: Dactylogyridae). *Journal of Applied and Natural Science*, 13(1), 1 - 7. <https://doi.org/10.31018/jans.v13i1.2434>
4. Agrawal, N. **Verma, J.** Agarwal, G.G. Singh, A. K. **2020**. A Resolving Issues at Host Level Using Variable Reduction Methods: Case of *Cornudiscoides* Spp. (Platyhelminthes: Monogenea). *Open Acc Biostat Bioinform.* 3(2), 1-6. DOI: 10.31031/OABB.2020.03.000558
5. Agrawal, N. **Verma, J.** Rajvanshi, S. and Asthana A. **2020**. Application of two interesting statistical tools, used in differentiation of closely related species of *Cornudiscoides* Kulkarni, 1969 (platyhelminthes: monogenea: dactylogyridae). *Uttar Pradesh Journal of Zoology*, 41(10): 143-156.
6. Rajvanshi, S., **Verma, J.** and Agrawal, N. **2019**. “Validation of *Bifurcohaptor* spp.

- (Monogenoidea: Dactylogyridae) reported from India using molecular methods with inclusion of insilico study: A brief report on its host-specificity. *Tropical Biomedicine*. 36(3): 726–741.
7. Agrawal, N., **Verma, J.** * and Gaur, K. **2017/18**. SEM study to observe the damage caused by two Dactylogyrids *Bychowskyella fossilisi* and *Malayanodiscoides bihamuli*, Monogenoidea: Dactylogyridae, to gills of freshwater fishes *Heteropneustes fossilis* (Bloch, 1794) and *Notopterus notopterus* (Pallas, 1769). *Indian Journal of Helminthology*. 36&37: 19-33.
 8. **Verma J.**, Rajvanshi S and Agrawal N. **20018**. Genetic Characterization of Three Species of the Genus *Cornudiscoides* Kulkarni, 1969 (Monogenoidea: Dactylogyridae), Parasitizing Long Whiskered Cat Fish *Sperata aor* (Ham) Using Ribosomal and Mitochondrial DNA. *Research & Reviews: Journal of Zoological Sciences*, 6: 30-37
 9. Verma A. K., **Verma J** and Agrawal N. **2018**. Redescription and new host record of *diplostamenides sciaenae* (Monogenea: Microcotylidae) and its phylogenetic status using molecular markers *Vestnik Zoologii*, 52: 37–46.
 10. **Verma J.**, Agrawal N. and Verma, A.K. **2017**. The use of large and small subunits of ribosomal DNA in evaluating phylogenetic relationships between species of *Cornudiscoides* Kulkarni, 1969 (Monogenoidea: Dactylogyridae) from India. *Journal of Helminthology*. 28: 1-9 (**Impact Factor: 1.4**)
 11. Agrawal N., Rajvanshi S, **Verma, J.** **2016**. Two New Species of the Monogenoid Genus *Cornudiscoides* Kulkarni, 1969 from Naked Catfish *Sperata aor* (Hamilton, 1822): Specialist or Generalist? *Pakistan Journal of Zoology* 48: 1687-1693. (**Impact Factor: 0.404**).

WORK SHOP

1. Work shop on ‘R’ software applications organized by department of statistic university of Lucknow, Lucknow (2015) (8th to 14th August 2015).
2. One day Training Programme on Biodiversity and its Conservation (organized by Department of Zoology, University of Lucknow sponsored by Uttar Pradesh State Biodiversity Board, Lucknow).
3. Thematic Workshop on Helminthological Research(organized by Department of Zoology, Chaudhary Charan Singh University, Meerut sponsored by SERB, Department of Science and Technology, New Delhi).

INTERNATIONAL CONFERENCES:

1. International symposium on malaria Biology & 29th Nation congress of parasitology on basic and applied aspects (1-3november 2018) at University of Hyderabad. **(Poster Presentation)**
2. International symposium on current trends in biological sciences (27-28 March 2018) Department of Zoology University of Lucknow **(Oral Presentation)**
3. Science for sustainable world 7th international Science conference at Kathmandu University, Dhulikhel, Nepal (10-11 November2017). **(Poster Presentation)**

NATIONAL CONFERENCES:

1. ZOOCON-2019. National Conference on"Biodiversity for Human Health and Societal Welfare: Current Challenges and Achievables"(March 26-27, 2019) organized by Department of Zoology, Punjab University Chandigarh. **(Poster Presentation)**
2. 3rd National symposium on Fish Parasite. (08-09Sep 2018) organized by Department of Zoology, University of Lucknow, Lucknow. **(Poster Presentation)**
3. National symposium on Helminthiases and their control measure and annual meeting of Helminthological Society of India. (30-31march 2018) organized by Department of Zoology, C. C .S. University Meerut. **(Poster Presentation)**
4. National symposium on Zoonotic diseases and their preventive measures. (16 to 18 march 2017, organized by Department of zoology, C. C .S. University Meerut. **(Oral Presentation)**
5. 8th National science conference of the World Science Congress organized in joint collaboration with the faculty council of Jadavpur, Jadavpur University, Kolkata. (28th-29th Februarys 2016). **(Oral Presentation)**
6. National symposium on fish parasite (NSFP2) 2015. (23-24 November 2015, organized by Rajiv Gandhi University Itanagar, Arunachal Pradesh). (Young scientist oral presentation awarded to Jyoti Verma). **(Oral Presentation)**
7. 102nd Indian Science Congress on the theme "Science for Shaping the Future of India"(organized by University of Mumbai).
8. 100th Indian Science Congress on the theme "Science for Shaping the Future of India" (organised by University of Kolkata).