

FACULTY PROFILE

Name: Amit Kumar Verma
Designation: Assistant Professor
Department: Biosciences
Area of Specialization: Parasitology, Helminthology and Aquatic Biology
Posts held: Assistant Professor (2007- till date)
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Academic Qualification:

- Ph.D. (Zoology), University of Lucknow (2016).
- M.Sc. (Biotechnology), University of Pune (2003).
- B.Sc., University of Lucknow, 2001.

Fellowships:

Council for Scientific and Industrial Research (CSIR) HRDG, India Research Fellowships:

- Junior Research Fellowship (2004-06).
- Senior Research Fellowship (2006-07).

Publications:

- J. Verma, N. Agrawal & **A. K. Verma** (2016) The use of large and small subunits of ribosomal DNA in evaluating phylogenetic relationships between species of *Cornudiscoides* Kulkarni, 1969 (Monogeneoidea: Dactylogyridae) from India. *Journal of Helminthology*, 28: 1-9. DOI: 10.1017/S0022149X16000134.
- Choudhary K., **Verma A. K.**, Swaroop S. & Agrawal N. (2015) A review on the molecular characterization of digenean parasites using molecular markers with special reference to ITS region. *Helminthologia*, 52(3): 167-187.
- Das U., Hariprasad G., Ethayathulla A. S., Manral P., Das T. K., Pasha S., Mann A., Munia G., **Verma A. K.**, Bhat R., Chandraya S. K., Ahmed S., Sharma S., Kaur P., Singh T. P., and Srinivasan A. (2007) Inhibition of Protein Aggregation: Supramolecular Assemblies of Arginine Hold the Key. *PLoS ONE*, 2(11): e1176. doi:10.1371/journal.pone.0001176

Teaching:

Courses:

- Postgraduate Level: Research Methodology (2010-14, 2016-till date)
(*Ph. D. Course Work*)
- Undergraduate Level: Animal Diversity-I (2009-14, 2016-till date)
Animal Diversity-II-Vertebrate (2012-2014)
Cell Biology (2007-09)
Genetics and Recombinant DNA Technology (2007-09)
Environmental Biotechnology and Ecology (2007-09)
Molecular Biology (2016- till date)

Development:

- Syllabus in the area of Techniques in Biology for Ph. D. course work (2010).
- Syllabus in the area of Animal Diversity (I, II, III) for B.sc. Biosciences (2012).

Project Guidance:

Postgraduate level:

1. Shagufta (2012) M.Sc. Biosciences.
2. Mohammad Aamir (2013) Interaction of Gemini Surfactant with Bovine Serum Albumin: A Fluorescence Spectroscopic Approach. M.Sc. Biosciences.

Participation in Conferences/Symposia/Workshops etc:

- Chaired session in National Seminar on Recent Advances in Environmental Toxicology (UGC-SAP sponsored) organized by Department of Biosciences, Jamia Millia Islamia, New Delhi (February 13-14, 2017).
- 2nd prize in poster presentation in 6th International Science Conference organized by World Science Congress, Kolkata and PGIMER, Dr. Ram Manohar Lohia Hospital, New Delhi (December 23-25, 2016).
- An oral presentation in 8th National Science Conference organized by World Science Congress, Kolkata and Jadavpur University, Kolkata (February 28-29, 2016).
- A poster presentation under section of Animal, Veterinary and Fishery Sciences in 103rd Indian Science Congress organized by University of Mysore, Mysuru, Karnataka (January 3-7, 2016).
- An oral presentation in 2nd National Symposium on Fish Parasites organized by Rajiv Gandhi University, Itanagar, Arunachal Pradesh (November 23-24, 2015).
- A poster presentation in 2nd National Symposium on Fish Parasites organized by Rajiv Gandhi University, Itanagar, Arunachal Pradesh (November 23-24, 2015).
- An oral presentation under section of Animal, Veterinary and Fishery Sciences in 102nd Indian Science Congress organized by University of Mumbai, Mumbai, Maharashtra (January 3-7, 2015).
- Workshop on “ICT capacity Development of University Officials.” Organized by FTK-Centre for Information Technology, Jamia Millia Islmia, New Delhi (March 08, 2010).

- Workshop on “ICT capacity Development of University Officials.” Organized by FTK-Centre for Information Technology, Jamia Millia Islamia, New Delhi (February 16-19, 2010).
- 1st annual symposium “BioEpoch 2009” organized by School of Biotechnology, Jawaharlal Nehru University, New Delhi (April 03-04, 2009).
- “Diabetes: The Disease of Blood Sugar and Modern Day Man” Oral presentation at the 32nd Indian Social Science Congress- 2008 under the auspices of Jamia Millia Islamia, New Delhi (December 18-22, 2008).
- Interdisciplinary Science Conference-2007 on “Recent Trends in Research in Biological Sciences” organized by Centre for Interdisciplinary Research in Basic Sciences, Jamia Millia Islamia, New Delhi (December 07, 2007).
- Symposium on “Fifty Years after Elucidation of the Structure of Collagen by Prof. G. N. Ramachandran” organized under the auspices of the Indian Immunology Society at School of Biotechnology, Jawaharlal Nehru University, New Delhi (February 28, 2006).
- 3rd National Conference “Biotech 2005, concept to Commercialization” organized by Biotechnology Society of India at Heritage Village, Manesar, Gurgaon (December 22-24, 2005).

Academic responsibility inside the University:

- In-charge, Departmental instrumental Facility (DIF), Department of Biosciences (2007-14, 2016-till date).
- Member, Central Instrumentation Facility, JMI (2013-14).

Co-curricular activities:

- Tour In-Charge, D/o Biosciences (2013)
- Tour In Charge, D/o Biosciences (2016)
- Member, Moderation committee, D/o Biosciences (2016)
- Member, Board of Studies, D/o Biosciences (Since 2007 - till date)
- Member, Faculty Committee, F/o Natural Sciences (2012, 2017)

Member of scientific bodies:

- Life member, The Indian Society for Parasitology (ISP), India (LM847/2017)
- Life member, Indian Science Congress Association (ISCA), India (L27628/2015)
- Life Member, World Sciences Congress (WSC), India (WSCV5/2015)
- Life member Society of Biological Chemists (SBC), India (3089/2013)
- Life member, Indian Society of Human Genetics (ISHG), India (L/1650/2012)

Member/Reviewer of Journals:

- Reviewer in Pravara Journal of Science and Technology, India.