

Faculty information: Prof. Dipak Kumar Mandal Zoology IDNO1997053

Name: Dr. Dipak Kumar Mandal
Designation: Professor
Subject specialization: Fish Biology, Fishery and Aquatic toxicology
Date of Birth: 10th November 1966
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Education:

1987	B.Sc (Hons) in Zoology	Burdwan University.
1989	M.Sc in Zoology (Fish and Fisheries)	Burdwan University.
2001	Ph.D. in Science (Zoology)	Burdwan University.

Award:

Qualified NET (CSIR) for JRF in Life Sciences in 1989
Qualified GATE (IITs) in Basic Sciences in 1990
JRF and SRF from the CSIR, New Delhi from 1991-1996.

Teaching experiences:

17 years in UG and PG courses in Zoology at Visva-Bharati

Research experiences:

Research area: Fish olfactory system, Fish nutrition, Histology, Toxicology

Ph.D. awarded: Two; Submitted thesis: One; working: Three

Projects: Supervised Two UGC major projects and three minor projects

1. Effect of Lead and Cadmium toxicity on the structure and function of the olfactory organ of *Channa punctatus* (Bloch). (UGC Major Research project 2003-2006; completed).
2. Carp culture on the basis of insect feed.(UGC major research project 2011-2014; completed)

Publications in peer reviewed journal (since last three years)

1. Samajdar Ishita and Mandal Dipak Kumar (2015). Acute toxicity of an organophosphate pesticide, Chlopyrifos and its effect on some haematological parameters of a minor carp, *Labeo bata*. International Journal of Environmental Sciences (in press)
2. Ganguly A, Chakravorty R, Sarkar A, Mandal DK, Haldar P, et al. (2014) A Preliminary Study on *Oxya fuscovittata* (Marschall) as an Alternative Nutrient Supplement in the Diets of *Poecilia spheonops* (Valenciennes). PLoS ONE 9(11): e111848. doi:10.1371/journal.pone.111848 (IF 3.57).

3. Ghosh Subhasish, Haldar Parimalendu and Mandal Dipak Kumar (2014). Suitable food plant for rearing of a short horn grasshopper, *Oxya hyla hyla* (Orthoptera: Acrididae). *European Journal of Entomology*, 111 (3) 448-452 (IF: 1.076).
4. Ghosh Debasree and Mandal Dipak Kumar (2014) Mercury induced toxicity responses in the olfactory epithelium of *Labeo rohita* (Hamilton) *J. Fish Physiology and Biochemistry*, 44 (1): 83-92. (DOI 10.1007/s10695-013-9826-2, Springer, IF: 1.616)
5. Roy Debraj, Ghosh Debasree and Mandal Dipak Kumar (2013). Cadmium induced histopathology in the olfactory epithelium of a snakehead fish *Channa punctatus* (Bloch). *International Journal of Aquatic Biology*, 1(5): 221-227.
6. Ghosh Debasree and Mandal Dipak Kumar (2013). Median tolerance limit (TLM) and safe concentration of Mercuric chloride for an Indian major carp, *Labeo rohita* (Hamilton). *Asian Journal of Experimental Biological Sciences*, 4(2):310-314 (ISSN No. 0975-5845)
7. Ganguly Arijit, Chakravorty Ranita, Das Mousumi, Gupta Moumita, Mandal Dipak Kumar, Haldar Parimalendu, Ramous-Elorduy Julieta and Moreno Jose Manuel Pino (2013). A preliminary study on the estimation of nutrients and anti nutrients in *Oedaleus abruptus* (Thunberg) (Orthoptera: Acrididae). *International Journal of Nutrition and Metabolism*, 5(3): 50-65.
8. Ghosh Debasree and Mandal Dipak Kumar (2012). Histopathological effects and Bio accumulation of Mercury in the kidney of an Indian Major carp, *Labeo rohita* (Hamilton). *Bulletin of Environmental Contamination and Toxicology*, 89: 479-483. (Springer, IF:1.216)
9. Roy Debraj, Ghosh Debasree and Mandal Dipak Kumar (2012) Induction of metallothionein in the olfactory epithelium of *Channa punctatus* (Bloch) in response to Cadmium exposure: An Immunohistochemical study. *Proceedings of Zoological Society*, 65: 40-44. (Springer)

Membership to the society:

- Life member of Inland Fisheries Society of India, Barrackpore
- Life member of the Zoological Society of India, Kolkata
- Life member of the Environmental, Social and Biological Association of India, Kolkata

Any other information:

- External member of UG BOS in Zoology of Burdwan Univ. from 2002-10
- Guest Lecturer in the Department of Zoology, Budwan University in 2006
- Teaching experience in Biotechnology, Visva-Bharati from 1998-2004.
- Warden, Anamika Boys' Hostel, Visva-Bharati for 8 years