

# *Uttaran Majumdar*

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**Date of Birth:** 16<sup>th</sup> July, 1979.

**Present Position:** Associate Professor of Zoology.

**Office:** Department of Zoology, Hooghly Women's College  
Post & Dist. Hooghly, West Bengal, 712222, INDIA.

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**Educational Qualification:**

Ph. D.: 2007 in Zoology from the University of Burdwan.

M. Sc.: 2002 with 66.3% in Zoology from University of Burdwan.

B. Sc.: 2000 with 57.9% in Zoology (Hons), from University of Calcutta.

Higher Secondary: 1997 with 69.9%.

Secondary: 1995 with 77.9%.

**Eligibility Tests:** GATE: 2002 with 84.67 percentile in Life Sciences.

NET: Dec-2001 for Lectureship in Life Sciences.

**Title of Ph. D. Thesis:** Systematics and Biology of the subfamily Chironominae (Diptera: Chironomidae) of Eastern India.

**Research Experience:** Research Fellow in the project on Dipteran Taxonomy (Chironomidae) under "All India Coordinated Project on Taxonomy" (AICOPTAX) of Ministry of Environment and Forests, Govt. of India from January, 2003 to March, 2006 at Dept. of Zoology, Burdwan University, under the supervision of Prof. P. K. Chaudhuri and Dr. Abhijit Mazumdar.

**Previous Employment:** Assistant Professor in Zoology, Rajiv Gandhi University, Arunachal Pradesh from September, 2008 to April, 2010.

**Present Research Area:**

- Use of non-biting midges as a bio-monitoring tool to assess the impact of pollution in aquatic bodies.
- Diversity and phylogeny of non-biting midges.

**Research Projects (ongoing/completed):**

- DST (GoI) sponsored Project on “Biodiversity and biogeographical patterns of non-biting midges (Diptera: Chironomidae) in streams of the Sikkim of the Himalaya hotspot” jointly with Dr. Niladri Hazra, University of Burdwan.
- UGC sponsored Project on “Assessment of water pollution using midges (Diptera: Chironomidae) in River Damodar”.
- Directorate of Cold Water Fisheries and Research (DCFR) sponsored project “Sustainable utilization of mountain fishery resources in India”.
- DCFR sponsored project “Bioecological status and fish production potential of selected lakes in Arunachal Pradesh”.

**Research Guidance:** Dr. Bappaditya Pan has been awarded Ph.D. by Vidyasagar University in November, 2017 for the thesis ‘Effects of insecticide toxicity on Chironomids prevalent in rice agroecosystem (Diptera: Chironomidae)’ under joint supervision with Dr. Sandip Chattopadhyay, Department of Biomedical Laboratory Science & Management.

**Training programmes:**

- Workshop on **Statistical Techniques used in Research** organized by Department of Statistics, The University of Burdwan, on February 16-19, 2016.
- Workshop **Statistical Methodologies in Modern Biology** organized by Centre for Modern Biology, University of Calcutta, on August 25-26, 2011.
- DST sponsored workshop on **QAMAS (Quantitative Analysis and Modeling in Animal Sciences)** organized by IISER-Pune, CCMB-Hyderabad and NCL-Pune at YASHADA, Pune on October 6-11, 2009.

**Seminar Organized:** Organizing Secretary of DST (GoWB) sponsored State Level Seminar on ‘Impact of Pollution: assessment and Awareness’ organized by Department of Zoology, Hooghly Women’s College, February 14-15, 2014.

**Awards Received:** International Travel Support Scheme from DST in July, 2009 for paper presentation at 17<sup>th</sup> International Symposium on Chironomidae at Tianjin, China.

**Administrative Assignments:**

Nodal Teacher for All India Survey on Higher Education (AISHE).

Nodal Teacher of Kanyashree Prakalpa (An initiative of Govt. of West Bengal since 2013).

### **Papers published in Journals:**

1. **U. Majumdar** (2022): A New Species of the Genus *Microtendipes* Kieffer (Diptera, Chironomidae) from Foothills of Eastern Himalaya, India. International Journal of Zoological Investigations, 8(1): 537-541. DOI: 10.33745/ijzi.2022.v08i01.060
2. **U. Majumdar** (2022): Role of non-biting midges (Diptera: Chironomidae) as biomonitoring agents. International Journal of Entomology Research, 7(4): 128-129.
3. **U. Majumdar** (2021): Chironomids of Ganga lake, Itanagar and their relation to environmental variables. International Journal of Entomology Research, 6(2): 36-38.
4. S. Konar & **U. Majumdar** (2020): Two new species of the genus *Glyptotendipes* Kieffer (Diptera: Chironomidae: Chironominae) from West Bengal India. Oriental Insects, 55(3): 386-399. DOI: 10.1080/00305316.2020.1831640
5. B. Pan, **U. Majumdar**, L. Jana and S. Chattopadhyay (2017). Effects of three selected pesticides on the non-biting midges (Diptera: Chironomidae) in Rice agro-ecosystem of an area of West Bengal; India. Journal of Environment and Ecology, 8(1): 55-72.  
DOI: 10.5296/jee.v8i1.9678
6. N. Das, **U. Majumdar**, A. Mazumdar and N. Hazra (2015). Life stages of eight new species of *Chironomus* Meigen (Diptera: Chironomidae: Chironominae) of the Eastern Himalaya of India, Oriental Insects, 49(2): 99-149. DOI: 10.1080/00305316.2015.1101723
7. **U. Majumdar** and A. Mazumdar (2011). Chironomid flies of the genus *Glyptotendipes* Kieffer (Diptera: Chironomidae) from India with a short account of their biology. Aquatic Insects, 33 (3): 253-272, DOI: 10.1080/01650424.2011.597409
8. **U. Majumdar**, A. Mazumdar and P. K. Chaudhuri (2010). A new species of the genus *Cladotanytarsus* Kieffer, 1921 (Diptera: Chironomidae) from India with short notes on its biology. Far Eastern Entomologist, 211: 1–10.
9. **U. Majumdar**, A. Mazumdar and P. K. Chaudhuri (2009). Life stages and a short account of Biology of *Chironomus mayri*, a new species of the genus *Chironomus* Meigen (Diptera: Chironomidae) from India. International Journal of Dipterological Research, 20(3): 145–156.

10. S. Ghosh, **U. Majumdar**, A. Mazumdar and P. K. Chaudhuri (2009). Biting flies of the genus *Homohoelea* Kieffer (Diptera: Ceratopogonidae) of India. *Folia Heyrovskyana*, 16 (4): 91-106.
11. **U. Majumdar** and A. Mazumdar (2008). Postembryonic development of *Einfeldia arcuta* sp.n. (Diptera: Chironomidae) of the Eastern Himalayas of India with a note on its biology. *Geobios*, 35 (4): 225-229.
12. N. Hazra, **U. Majumdar** and A. Mazumdar (2008). Species composition, relative abundance, spatial diversity and heterogeneity of chironomid midges (Diptera: Chironomidae) of springs of Darjeeling-Sikkim Himalayas of India. *Environment & Ecology*, 26 (2A): 907-914.
13. **U. Majumdar** and A. Mazumdar (2007). A new species of the genus *Paratendipes* Kieffer (Diptera: Chironomidae) of Arunachal Pradesh, India. *Proceedings of Zoological Society, Calcutta*, 60(2): 49-51.
14. **U. Majumdar** and A. Mazumdar (2007). *Parapsectra firmistyla*, a new species recorded firstly from the orient. (Diptera: Chironomidae). *Annals of Entomology*, 25 (1-2): 61-63.
15. G. Bhattacharyay, A. K. Sadhu, **U. Majumdar**, A. Mazumdar, P. K. Chaudhuri and Arshad Ali (2006). Assessment of heavy metal pollution of the river with the use of chironomid community and morphological deformities (Diptera: Chironomidae). *Supplementa ad Acta Hydrobiologica*, 8: 21-32.

**Papers published in Conference/Seminar/Symposium Proceedings:**

1. **U. Majumdar (2021)**. ‘Study on the relation between socio-economic conditions and nutritional status of pregnant women’ at International Seminar on Life and Life Processes: Integrated Approaches for Sustainable Development held at Department of Zoology, Goa University, July 19-21, 2021.
2. **U. Majumdar (2014)**. ‘Assessment of water pollution by mouth parts deformities of Chironomid larvae’ at International Conference on Mother Earth, held at Department of Environmental Science, The University of Burdwan, December 10-12, 2014.
3. **U. Majumdar (2012)**. ‘A brief account of insect diversity of Arunachal Pradesh’ at 99<sup>th</sup> Indian Science Congress, held at Bhubaneswar on January 3-7, 2012.
4. **U. Majumdar (2011)**. ‘Urban development versus river ecosystem: A case study in River Dikrong, Arunachal Pradesh’ at the UGC sponsored National Seminar on Environmental Pollution and its Impact on Human Health held at Department of Zoology, Rammohun Roy Mahavidyalaya, Khanakul, West Bengal on December 22-23, 2011.
5. **U. Majumdar (2011)**. ‘*Chironomus* Meigen from Lakes of Arunachal Pradesh, India’ at the UGC sponsored National Seminar on Recent trends in Zoology with special emphasis on Animal Diversity, Fisheries and Genetics held at Department of Zoology, Kulti College, Kulti, West Bengal on November 28-29, 2011.
6. M. Nandi and **U. Majumdar (2010)**. ‘Diversity of Insect Fauna of Arunachal Pradesh, India’ at the UGC sponsored State Level Seminar on ‘Biodiversity Conservation: Assessment and Awareness’ held at Department of Zoology, Hooghly Mohsin College, Hooghly, West Bengal on October 29-30, 2010.
7. **U. Majumdar (2009)**. “Indian species of *Glyptotendipes* Kieffer (Diptera: Chironomidae) with a short account of some aspects of biology” at 17<sup>th</sup> International Symposium on Chironomidae at Nankai University, Tianjin, China on July 6-10, 2009.

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