

Curricula Vitae

Designation PROFESSOR
 Date of Birth 10 March, 1964

Educational qualification

B.Sc. (Honours) Zoology
 M.Sc. Zoology
 Ph.D. Zoology

Detail of PhD thesis

Name of the Supervisor: Prof. P. K. Chaudhuri, Entomology Research Unit, Department of Zoology, The University of Burdwan
 Title of the thesis Investigation of the faunistics and ecology of chironomid communities of the mangrove ecosystem of West Bengal (Diptera: Chironomidae).

Teaching experiences	
Lecturer	Rajiv Gandhi University, Department of Zoology, (1997)
Reader	University of Burdwan, Department of Zoology, (2002)
Associate Professor	University of Burdwan, Department of Zoology, (2006)
Professor	University of Burdwan Department of Zoology, (2010)
Administrative Experience	
Head (i/c)	Department of Zoology, Rajiv Gandhi University
Head	Department of Zoology, The University of Burdwan
Coordinator	Centre for NET/SET Studies, The University of Burdwan
Registrar (officiating)	The University of Burdwan, (Feb. 2020 – Jun. 2021)
Nodal Officer	IPR Cell, The University of Burdwan
Research Experience	
Doctoral	Senior Research Fellowship (CSIR, New Delhi) (1992-94) Junior Research Fellow in CSIR, New Delhi sponsored research scheme (1989)
Post Doctoral	Research Associateship (CSIR, New Delhi) (1995-97)
Visiting Scientist	Department of Entomology & Nematology, University of Florida, Institute of Food & Agricultural Sciences, Mid-Florida Research & Education Center, USA, (2007).

<p>Area of Research Specialization</p> <p>Broad Area: Entomology</p> <p>Specific Area: Vector: Ecology & Biology; Systematics; molecular taxonomy</p>	<p>Family Ceratopogonidae (Insecta, Diptera): Culicoides Biosystematics: Cladistics analysis, molecular identification; phylogenetic analysis; seasonality & biology; Bionomics, host specificity & habitat specificity; Blood meal analysis, Host preference studies, Haemolytic bacteria; metagenomic analysis of gut microbes; Evaluation of Light traps and Resting traps.</p> <p>Family Chironomidae (Insecta, Diptera): Biosystematics, distribution & biology; Biological assessment of lentic & lotic waters based on larval deformity.</p>
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Publications

Books Edited	02
Book Chapter	02
Research	91
paper(s)/Articles:	
Papers in book	
Papers in edited books	02
Papers in conference proceedings	

PUBLICATIONS*Book Chapter*

- 2018** An introduction to true fly: classification and diversity of Diptera, Chapter 6 : 61-121, In Entomology – Current status and future strategies, Arijit Ganguly (Chief Editor) & Khokan Naskar (Associate Editor), Daya publishing House – a division of Astral International Pvt. Ltd., New Delhi, ISBN 978-93-5124-940-5 (HB), (Nilotpol Paul & Abhijit Mazumdar)
- 2016** Chironomids associated with rice agroecosystem of West Bengal: A review In Wetland Crisis and Options, Goutam Kumar Saha (Editor), Associate Publishing Company, Astral International Pvt. Ltd, New Delhi, ISBN 978-81-85211-98-5, pp 51-68. (Sailaeh Chattopadhyay & Abhijit Mazumdar)

*Research paper(s)/Articles***2023**

1. In vitro biochemical characterization and identification of hemolytic bacteria associated with life history of *Culicoides peregrinus* (Diptera: Ceratopogonidae), a vector of bluetongue virus, **JOURNAL OF MEDICAL ENTOMOLOGY**, Entomological Society of America, Oxford, XX (XX), 2023, 1-11, <https://doi.org/10.1093/jme/tjad035> (Co-authors: Ankita Sarkar, Paramita Banerjee, Surajit Kar, Soumendranath Chatterjee). ISSN 1938-2928 (Online)
2. Molecular identification of *Culicoides oxystoma* and *Culicoides actoni* vectors of bluetongue virus, **MEDICAL AND VETERINARY ENTOMOLOGY, THE ROYAL ENTOMOLOGICAL SOCIETY**, UK, 2023, 1-8, DOI:10.1111/mve.12651, Wiley, IF 2.479 (Authors: Surajit Kar, Biswajit Mondal, Arjun Pal & Abhijit Mazumdar). Online ISSN:1365-2915

3. A Metagenomic Based Approach on Abundance and Diversity of Bacterial Communities Across the Life Stages of *Culicoides peregrinus* (Diptera: Ceratopogonidae) a Vector of Bluetongue Virus, **JOURNAL OF MEDICAL ENTOMOLOGY**, Entomological Society of America, Oxford, 60 (2), 2023, 1–11, <https://doi.org/10.1093/jme/tjad011>, IF 2.435. (authors: Paramita Banerjee, Ankita Sarkar, Koushik Ghosh & Abhijit Mazumdar). ISSN: 1938-2928
4. A taxonomic revision of the Indian species of the ‘Aterinervis’ group of *Culicoides* Latreille Subgenus *Hoffmania* Fox (Diptera: Ceratopogonidae), **ZOOTAXA**, 5258 (4): 405-428. Magnolia, <https://doi.org/10.11646/zootaxa.0000.0.0>, IF 1.026 (Authors: Ankita Sarkar, Paramita Banerjee, Shurva Kanti Sinha & Abhijit Mazumdar). ISSN 1175-5326 (Print Edition) & ISSN 1175-5334 (Online Edition)

2022

5. Host preference of bluetongue virus vectors, *Culicoides* species associated with livestock in West Bengal, India: potential relevance on bluetongue epidemiology, **ACTA TROPICA, ELSEVIER**, 235: 106648 <https://doi.org/10.1016/j.actatropica.2022.106648>, IF 3.112, (Authors: Surajit Kar, Biswajit Mondal, Joydeep Ghosh, Shuddhasattwa Maitra Mazumdar & Abhijit Mazumdar). ISSN 0001-706X.
6. Evaluation of resting traps: An approach to understand resting biology of *Culicoides* spp. in backyard cattle shed, **ACTA TROPICA, ELSEVIER**, 234: 106576, doi: 10.1016/j.actatropica.2022.106576, IF 3.112 (Authors: Biswajit Mondal, Surajit Kar, Shuddhasattwa Maitra Mazumdar & Abhijit Mazumdar). ISSN 0001-706X
7. Blood meal analysis of *Culicoides* species associated with livestock in West Bengal, India, **MEDICAL AND VETERINARY ENTOMOLOGY, THE ROYAL ENTOMOLOGICAL SOCIETY**, 1-8, doi:10.1111/mve.12588, IF 2.58 (Authors: Surajit Kar, Biswajit Mondal, Arjun Pal, Rupa Harsha & Abhijit Mazumdar). Online ISSN:1365-2915.
8. First report of *Culicoides* associated with goat and sheep from Jharkhand, India, *Biologia*, 1-8, <https://doi.org/10.1007/s11756-022-01029-3>, IF 1.653 (Authors: Shuddhasattwa Maitra Mazumdar, Abhijit Mazumdar, Sailesh Chattopadhyay), ISSN 1336-9563.

2021

9. Report of spiders preying on adult *Culicoides* spp. using molecular based marker with notes on its feeding activity, **INTERNATIONAL JOURNAL OF TROPICAL INSECT SCIENCE**, <https://doi.org/10.1007/s42690-021-00715-0>, IF 0.774, (Authors: Surajit Kar, Biswajit Mondal, Arjun Pal, Ayan Mondal, Abhijit Mazumdar). ISSN 1742 -7592.

10. Spiders belonging to the family Araneidae and Salticidae as natural predators of adult *Culicoides* spp. **CIE (Ceratopogonidae Information Exchange) Newsletter**, 107, May 2021, (Authors: Surajit Kar, Biswajit Mondal, Ayan Mondal, & Abhijit Mazumdar)

2020

11. Abundance, diversity and temporal activity of adult *Culicoides* spp. associated with cattle in West Bengal, India, **MEDICAL AND VETERINARY ENTOMOLOGY, THE ROYAL ENTOMOLOGICAL SOCIETY** 34, 327 – 343, doi: 10.1111/mve.12446, IF 2.130 (Authors: R. Harsha, S.M. Mazumdar, Abhijit Mazumdar). Online ISSN:1365-2915

12. Preferential attraction of different colours of light emitting diodes for *Culicoides* species in West Bengal, India, **MEDICAL AND VETERINARY ENTOMOLOGY, THE ROYAL ENTOMOLOGICAL SOCIETY**, doi: 10.1111/mve.12452, IF 2.130, (Authors: S.M. Mazumdar & Abhijit Mazumdar). Online ISSN:1365-2915.

2019

13. Field Evaluation of Locally Designed Ultraviolet Light Trap for Collection of *Culicoides* spp. (Diptera: Ceratopogonidae), **EC Veterinary Science**, ECronicon, 355-360, Volume 4 Issue 5 July 2019, (Authors: Shuddhasattwa Maitra Mazumdar, Rupa Harsha, Abhijit Mazumdar).

14. Potential risk of organophosphate exposure in male reproductive system of a non-target insect model *Drosophila melanogaster*, **ENVIRONMENTAL TOXICOLOGY AND PHARMACOLOGY, ELSEVIER**, 74, 103308, doi.org/10.1016/j.etap.2019.103308, IF 3.483, (Authors: Moutusi Mandi, Salma Khatun, Prem Rajak, Abhijit Mazumdar & Sumedha Roy). ISSN: 1382-6689

2017

15. Ultrastructure of the eggs of four species of *Culicoides* Latreille (Diptera: Ceratopogonidae) with a key to the eggs of all studied species by SEM - **ZOOLOGISCHER ANZEIGER, ELSEVIER** 269: 155–165, [http:// dx.doi.org /10.1016/ j.jcz.2017.09.002](http://dx.doi.org/10.1016/j.jcz.2017.09.002) 0044-5231/© 2017 Published by Elsevier GmbH, IF 1.34, (Authors: Rupa Harsha, Nilotpol Paul, Glenn Bellis, Abhijit Mazumdar). ISSN 0044-5231.

16. Larval Predatory Behaviour of *Alluaudomyia formosana* Okada on *Alluaudomyia xanthocoma* Kieffer (Diptera: Ceratopogonidae)–Video Documentation, **PROCEEDING OF ZOOLOGICAL SOCIETY OF KOLKATA, SPRINGER**, (doi:10.1007/s12595-017-0237-8) (Authors: Sudipta Sarkar & Abhijit Mazumdar). ISSN 03735893, 09746919.

17. Description of immature stages of *Culicoides peregrinus* (Diptera: Ceratopogonidae), a potent vector of bluetongue virus - **TURKISH JOURNAL OF ZOOLOGY** (2017) 41: 1- 14, © TÜBİTAK, doi:10.3906/zoo-1605-45, IF 0.558, (Authors: Rupa Harsha, Nilotpol Paul, Abhijit Mazumdar). ISSN 13000179, 13036114.

18. Description of the female imago and immature stages of *Allaudomyia formosana* Okada (Diptera: Ceratopogonidae), **FAR EASTERN ENTOMOLOGIST**, No 339: 16-24, July 2017, DOI: <https://doi.org/0000> [http:// urn: lsid: zoobank.org: pub:31F2AAEE-00000](http://urn:lsid:zoobank.org:pub:31F2AAEE-00000), ISSN 1026-051X, (Authors: S. Sarkar & A.Mazumdar). ISSN 1026051X.
19. Virulence assay and role of *Bacillus thuringiensis* TS110 as biocontrol agent against the larval stages of rice leaf folder *Cnaphalocrocis medinalis*, **JOURNAL OF PARASITIC DISEASE**, 2017 Jun;41(2): 491-495. doi: 10.1007/s12639-016-0835-9. Epub 2016 Sep 21. (Authors: T S Ghosh , S Chatterjee, A Mazumdar, S A Azmi, T K Dangar), IF 0.68. ISSN 0975-0703 .
20. Dipteran flies as pollinator and their prospective role in orchid pollination of eastern Himalaya: An Appraisal, **JOURNAL OF BIORESOURCES**, 4(1), 12-18, 2017, ISSN 2394-4315, (Authors: N Paul, S M Mazumdar & & Abhijit Mazumdar). ISSN 2394-4315.

2016

21. *Culicoides* spp. Latreille (Diptera: Ceratopogonidae) vector of several human diseases – a neglected issue, **NORTH BENGAL UNIVERSITY JOURNAL OF ANIMAL SCIENCE**, 10: 21–30 (2016), ISSN 0975-1424, Invited article, (Authors: Shuddhasattwa Maitra Mazumdar & Abhijit Mazumdar).
22. An annotated checklist of *Culicoides* Latreille, 1809 (Insecta: Ceratopogonidae: Diptera) with incorporation of a vector species list from India, **JOURNAL OF VECTOR ECOLOGY, JOHN WILEY & SONS**, Vol. 41, no. 2, 279-284, Version of Record online : 17 NOV 2016, DOI: 10.1111/jvec.12223, Online ISSN: 1948-7134, IF: 1.243, (Authors: Emon Mukhopadhyay, S.N. Joardar, Goutam K. Saha, Abhijit Mazumdar and Dhriti Banerjee). ISSN:1948-7134
23. Life stages of *Stilobezzia (Stilobezzia) fuscitibia* sp. n. and *Stilobezzia (Stilobezzia) festiva* Kieffer, 1911 (Diptera: Ceratopogonidae) from India, **AQUATIC INSECTS, INTERNATIONAL JOURNAL OF FRESHWATER ENTOMOLOGY, TAYLOR & FRANCIS**, <http://dx.doi.org/10.1080/01650424.2015.1105376> ISSN: 0165-0424 (Print) 1744-4152 (Online), IF 0.395, (Authors: S Sarkar, M Nandi & Abhijit Mazumdar). ISSN 1744-4152.

2015

24. Life stages of eight new species of *Chironomus* Meigen (Diptera: Chironomidae: Chironominae) of the Eastern Himalaya of India, **ORIENTAL INSECTS, TAYLOR & FRANCIS**, NOVEMBER 2015 · DOI: 10.1080/00305316.2015.1101723, IF 0.36, (Authors: N Das, U Majumdar, N Hazra & Abhijit Mazumdar). ISSN 2157-8745.
25. Ceratopogonid flies of *Culicoides* (Trithecoides) (Diptera: Ceratopogonidae) of Indian Subcontinent, **FOLIA HEYROVSKYANA**, Series A, 23 (1): 63-76, (Authors: M. Nandi, Abhijit Mazumdar & P. K. Chaudhuri), ISSN 1801-7142.

26. A new species of the genus *Ablabesmyia* Johannsen from the eastern Himalayan foothills in India, with a key to Indian species of the nomino typical subgenus (Diptera, Chironomidae, Tanypodinae), **FAR EASTERN ENTOMOLOGIST** 295: 1-7 (Far East Branch of the Russian Entomological Society & Laboratory of Entomology, Institute of Biology and Soil Science, Valdovostok), ISSN No. 1026-051X, (Authors: H. Niitsuma, N Paul & Abhijit Mazumdar), ISSN 1026051X.
27. *Chaudhuriomyia*, a new tanypod genus of Macropelopiini (Diptera: Chironomidae: Tanypodinae) from the Eastern Himalaya - **ZOOTAXA**, Magnolia Press, 3955 (4): 537–548, ISSN 1175-5326 (print edition), ISSN 1175-5334 (online edition), <http://dx.doi.org/10.11646/zootaxa.3955.4.5>, <http://zoobank.org/urn:lsid:zoobank.org:pub:505B175B-C555-4E04-A2C1-FA6B2E227D8F>, IF 1.06, (Authors: Nilotpol Paul & Abhijit Mazumdar), ISSN 1175-5326 (Print Edition) & ISSN 1175-5334 (Online Edition).
28. Laboratory rearing of *Culicoides peregrinus* Kieffer (Diptera: Ceratopogonidae), a potential vector of Bluetongue disease, **MEDICAL AND VETERINARY ENTOMOLOGY, WILEY, UK**, 29 (4), 434-438, IF 2.33, (Authors: Rupa Harsha & Abhijit Mazumdar).
29. Isolation of haemolytic bacilli from field-collected *Culicoides oxystoma* and *Culicoides peregrinus*: potential vectors of bluetongue virus in West Bengal, India, **MEDICAL AND VETERINARY ENTOMOLOGY, WILEY, UK**, 29: 210-214, doi: 10.1111/mve.12097, IF 2.33, (Authors: Rupa Harsha, B Pan, Koushik Ghosh, & Abhijit Mazumdar).

2014

30. A new species of *Forcipomyia* Meigen (Diptera: Ceratopogonidae) described with immature stages from India, **ZOOTAXA** 3881(2): 165–174, ISSN 1175-5326 (print edition) <http://dx.doi.org/10.11646/zootaxa.3881.2.5>, IF 1.06 (Authors: Nilotpol Paul, Rupa Harsha & Abhijit Mazumdar).
31. Revision of the subgenus *Diphaomyia* Vargas of *Culicoides* Latreille from India with description of a new species (Diptera: Ceratopogonidae), **ZOOTAXA** 3793(4): 465–474, ISSN 1175-5326 (print edition) <http://dx.doi.org/10.11646/zootaxa.3793.4.5>, IF1.06 (Authors: Mou Nandi & Abhijit Mazumdar).
32. The Chaetophthalmus species-group of the genus *Culicoides* Latreille, 1809 (Diptera: Ceratopogonidae) from India with description of a new species, Кавказский энтомол. бюллетень ©, **CAUCASIAN ENTOMOLOGICAL BULLETIN**, 10(1): 161–164 2014 (Authors: M. Nandi & Abhijit Mazumdar).
33. The Use of Head Capsule Deformities in Chironomid Larvae (Diptera: Chironomidae) To Assess Environmental Pollution In Rice Fields Of Hooghly District, West Bengal, India, **INTERNATIONAL JOURNAL OF INNOVATIVE SCIENCE**,

ENGINEERING & TECHNOLOGY, Vol. 1 Issue 5, July 2014. www.ijiset.com ISSN 2348 – 7968, (Authors: Debnarayan Saha & Abhijit Mazumdar).

34. Incidence of mentum deformity of chironomid larvae (Diptera: Chironomidae) prevalent in rice agroecosystem of Hooghly district, West Bengal: A sign of pesticide induced stress? **THE BIOSCAN**, 9(3): 1117-1122, ISSN 0973 – 7049 (Authors: Debnarayan Saha).
35. Biting midges in the *Culicoides shortti* species-group (Ceratopogonidae: Diptera) from India, **MITT. INTERNAT. ENTOMOL. VER. FRANKFURT A.M.** ISSN 1019-2808 Band 39.Heft 1/2 Seiten 61 – 70 15. Juli 2014, (Co-author: Mou Nandi).
36. An assessment of the relative abundance of normal and parasitized white leafhopper *Cofana spectra* (Homoptera: Cicadellidae) affecting the paddy plants in West Bengal, India, **INTERNATIONAL JOURNAL OF TROPICAL INSECT SCIENCE, Cambridge University Press**, Vol. 34, No. 1, pp. 14–21, 2014 doi:10.1017/S1742758413000386 (Authors: Sangita Mitra, Rupa Harsha, Niladri Hazra). ISSN: 1742-7584
37. Estimation of Fitness of Normal and Stylopized Paddy Pest, White Leafhopper *Cofana spectra* (Distant) (Hemiptera: Cicadellidae), in West Bengal, India through Correlation of Life History Traits, **INTERNATIONAL JOURNAL OF INSECT SCIENCE, Libertas Academia**, 6:33-41 (Authors: Sangita Mitra, Rupa Harsha, Niladri Hazra). ISSN: 1179-5433
38. Revision of the subgenus *Diphaomyia* Vargas of *Culicoides* Latreille from India with description of a new species (Diptera: Ceratopogonidae), **ZOOTAXA** 3793(4): 465–474, ISSN 1175-5326 (print edition), IF 0.974 (co-author: Mou Nandi).
39. *Monopelopia mongpuense* sp. n., a phytotelmata midge from sub-Himalayan region of India (Diptera: Chironomidae: Tanypodinae), **ZOOTAXA** 3802 (1): 122–130, ISSN 1175-5326 (print edition), IF 0.974 (Authors: Nilotpol Paul, Niladri Hazra).
40. A new species of *Palpomyia* Meigen (Diptera: Ceratopogonidae) described in all life stages from Shillong plateau, India, **ZOOTAXA** 3755 (4): 368–378, ISSN 1175-5326 (print edition), IF 0.974, (Authors: Nilotpol Paul, Rupa Harsha).
41. Prevalence and Age Grading of *Culicoides* spp. (Diptera: Ceratopogonidae), Potent Vectors of Bluetongue Disease of Farm Animals in Bikaner, Rajasthan, **PROCEEDINGS OF ZOOLOGICAL SOCIETY, KOLKATA** DOI 10.1007/s12595-014-0110-y (Co-author: Rupa Harsha).

42. Pathological changes in Mermithid nematode infected *Stictochironomus polystictus* (Kieffer) (Diptera, Chironomidae, Chironominae), **PROCEEDINGS OF ZOOLOGICAL SOCIETY, KOLKATA**. 67(2): 153-157. (Co-author: G. Bhattacharya, N. Hazra).

2013

43. International Training Programme on Bluetongue Vector Identification (Meeting Book), 1st to 5th July, 2013, Organized by The Pirbright Institute, UK, India Bluetongue Vector Network & Tamil Nadu Veterinary and Animal Sciences University Vaccine Research Centre – Viral Vaccines, Centre for Animal Health Studies, Chennai-600 051 India, BBSRC, UK & ICAR, India, 1-51.
44. Deformities of *Chironomus* sp. larvae (Diptera: Chironomidae) as indicator of pollution stress in rice fields of Hooghly District, West Bengal, **JOURNAL OF TODAY'S BIOLOGICAL SCIENCES: RESEARCH & REVIEW (JTBSRR)** Open access ISSN 2320-1444 (Online) Vol. 2, Issue 2, page 44-54, December 30, 2013 JTBSRR Available on: www.jtbsrr.in (Co-author: Debnarayan Saha).
45. Records of the genus *Paramerina* (Diptera: Chironomidae: Tanypodinae) from eastern Himalaya and Satpura Hill regions of India, **NEOTROPICAL ENTOMOLOGY [ENTOMOLOGICAL SOCIETY OF BRAZIL, SPRINGER]** 2013, 42(5): 498-504, IF 0.875 (Authors: N.Paul, N.Hazra) DOI 10.1007/s13744-013-0149-x.
46. Assignment of species to *Culicoides* (Hoffmania) (Diptera: Ceratopogonidae) with addition of a new Indian species, **INTERNATIONAL JOURNAL OF DIPTEROLOGICAL RESEARCH, RUSSIA**, 24 (1): 47-56. (Co-author: M. Nandi).
47. Pathological changes in Mermithid nematode infected *Stictochironomus polystictus* (Diptera, Chironomidae, Chironominae), **PROCEEDINGS OF ZOOLOGICAL SOCIETY, Kolkata**, 67(2): 153-157, DOI 10.1007/s1259-013-0083-2. Springer.
48. Fragmentation of polytene chromosomes of *Chironomus striatepennis* (Kieffer) as a mark of heavy metal toxicity in aquatic habitats - **THE BIOSCAN** 8(3):1075-1078 (Supplement on Toxicology) (Authors: T.Midya, P.Sarkar & S.Bhaduri).
49. Variable tolerance of the chironomid species to heavy metal toxicity in nature as manifested through polymorphism of polytene chromosomes - **THE ECOSCAN**, Special issue, IV:33-38, ISSN: 0974-0376, (Authors: T.Midya, P.Sarkar & S.Bhaduri).

2012

50. Biting midges of the genus *Leehelea* Debenham (Diptera: Ceratopogonidae) in India - **ZOOTAXA [MAGNOLIA PRESS, NEW ZEALAND]**, 3399:53-60, 2012 (Authors: M.Nandi & P.K.Chaudhuri), **IF 0.974**

51. Four new species of the genus *Kiefferulus* Goegthbuer, 1922 (Diptera: Chironomidae) from Darjeeling Himalayas, India, **FAR EASTERN ENTOMOLOGIST [RUSSIAN ENTOMOLOGICAL SOCIETY, VLADIVOSTOK, RUSSIA]**, Vol. 253 October 2012: 1-23 (ISSN 1026 – 051X, (Co-author: Nirmalya Das).

2011

52. **AUTHORS OF FLY NAMES** A preliminary list of all authors who have proposed Diptera names at the family-level or below edited by Neal L. Evenhuis - **BISHOP MUSEUM TECHNICAL REPORT NO. 51** Published by Bishop Museum 1525 Bernice Street Honolulu, Hawaii 96817
53. Chironomid flies of the genus *Glyptotendipes* Kieffer (Diptera: Chironomidae) from India with a short account of their biology - **AQUATIC INSECTS [INTERNATIONAL JOURNAL OF FRESHWATER ENTOMOLOGY, TAYLOR & FRANCIS]** (Co-author: U. Majumdar). Vol.33, No.3, September 2011: 253-272. IF 0.496.
54. A new species of the Genus *Malayaxenos* Kifune, 1981 (Strepsiptera: Corioxenidae) from India - **FAR EASTERN ENTOMOLOGIST, [RUSSIAN ENTOMOLOGICAL SOCIETY, VLADIVOSTOK, RUSSIA]**. 229: 7-10; ISSN 1026-051X (Co-author: S.Mitra).
55. Morphological deformities of Chironomid larvae (Diptera: Chironomidae) occurring in rice fields of Hooghly district, West Bengal, Environmental Pollution and its Impact on Human Health ISBN-978-93-80663-60-9 Proc. of the UGC spnd. Nat. Sem. Organized by Zoology Dept., R.R.R. Mahavidyalaya, Radhanagar, Nangulpara, Hooghly, W.B., India on 22-23.12.2011 (Authors: D.N. Saha, N.Paul, M. Nandi) *Conference paper*.

2010

56. Two new biting midges of *Brachypogon* Kieffer (Diptera: Ceratopogonidae) from India -**POLISH JOURNAL OF ENTOMOLOGY, BYDGOSZCZ**, 79: 455 - 461 (Authors: Das, N. & Chaudhuri, P.K.).
57. Blood sucking midges of *Leptoconops* (*Holoconops* Kieffer) (Diptera: Ceratopogonidae) from India - **ZOOTAXA, [MAGNOLIA PRESS, NEW ZEALAND]** 2619: 49-55; ISSN:1175-5334. (Authors: Saha, N.C. & Chaudhuri, P.K.) **IF 0.853**
58. Association of Exoenzyme- producing Bacteria with Chironomid larvae (Diptera: Chironomidae) in relation to the feeding habit - **ENTOMOLOGIA GENERALIS, [JOURNAL OF GENERAL AND APPLIED ENTOMOLOGY, E.SCHWEIZERBART SCIENCE PUBLISHER, STUTTGART]** 32 (3): 227-235 (Authors: Basu, A., Ghosh, K., & Hazra,N.) ISSN: 0171-8177. **IF 0.167**
59. A new species of the genus *Cladotanytarsus* Kieffer, 1921 (Diptera, Chironomidae) from India with short notes on ist biology, *Far Eastern Entomology*, Number 211: 1-

10 ISSN 1026-051X June 2010, (Authors: U. Majumdar, A. Mazumdar and P.K. Chaudhuri).

2009

60. Biting flies of the genus *Homohoelea* of India. (Diptera: Ceratopogonidae) - **FOLIA HEYROVSKYANA SERIES A, CZECH REPUBLIC** 16(4): 91 -106 ISSN:1801-7142. (Authors: Ghosh,S., Dasgupta,S.K. & Chaudhuri,P.K.).
61. New insectivorous midges of the genus *Nilobezzia* Kiffer from India (Diptera: Ceratopogonidae: Sphaeromini) - **ENTOMOLOGIST'S MONTHLY MAGAZINE, PEMBERLEY BOOKS (SINCE 1864), UK**, 145: 131 - 151 ISSN 0013-8908, (Authors: Chaudhuri, P.K. & Dasgupta, S.K.)
62. Five new species of the genus *Sphaeromyias* Curtis (Diptera: Ceratopogonidae) from India - **JOURNAL OF ASIA-PACIFIC ENTOMOLOGY, KOREA** 12: 285 - 292. ISSN: 1226-8615. ELSEVIER (Authors: Saha, N C & Chaudhuri P K), IF 0.875.
63. Predaceous biting midges of the genus *Bezzia* Kieffer (Diptera: Ceratopogonidae) from India - **FAR EASTERN ENTOMOLOGIST, RUSSIA**. 203: 1 -17 (Authors: Saha N C & Chaudhuri P K) ISSN:1026-051X.
64. Indian Species of the Genus *Dasyhelea* Kieffer (Diptera: Ceratopogonidae) - **INTERNATIONAL JOURNAL OF DIPTEROLOGICAL RESEARCH, RUSSIA, 20** (4): 191-201 ISSN: 1021-1020, (Co-author: Chaudhuri P K)
65. 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, RUSSIA**, 20: 145 - 156, ISSN: 1021-1020 (Authors: U Mazumdar, A Mazumdar & P K Chaudhuri).

2008

66. Biting midges of the genus *Palpomyia* Meigen (Diptera: Ceratopogonidae) in India - **BONNER ZOOLOGISCHE BEITRAGE, GERMANY**, 56 (1/2) 43-48, ISSN: 0006-7172, (Authors: S K Dasgupta, A Mazumdar & P K Chaudhuri).
67. Post-embryonic development of *Einfeldia arcuta* Sp.N (Diptera: Chironomidae) of the Eastern Himalayas of India with a note on its biology - **GEOBIOS, INDIA**, 35: 281 - 285 (Authors: U Mazumdar & Abhijit Mazumdar).
68. Population survey & control of Chironomidae (Diptera) in wetlands in northeast Florida, USA - **FLORIDA ENTOMOLOGIST, USA**, ISBN 0015-4040, Florida Entomological Society, 91(3): 446 - 452. (Authors: A Ali, Lobinske, R J Leckel, N Carandang). IF 1.069.

69. Species composition, relative abundance, spatial diversity and heterogeneity of Chironomid midges (Diptera: Chironomidae) of the springs of Darjeeling-Sikkim Himalayas of India - **ENVIRONMENT & ECOLOGY, INDIA**, 26 (2A): 907 - 914. ISSN:0970-0420 (Authors: Hazra. N & Mazumdar,U).

2007

70. A new species of the genus *Paratendipes* Keiffer (Diptera: Chironomidae) of Arunachal Pradesh, India - **PROCEEDINGS OF THE ZOOLOGICAL SOCIETY, CALCUTTA**, Springer, ISSN: 0373-5893 (print version) 60(2): 49 - 51. (Authors: U Mazumdar & Abhijit Mazumdar).

71. *Parapsectra firmistyla*, a new species recorded firstly from the orient (Diptera: Chironomidae) - **ANNALS OF ENTOMOLOGY, INDIA**, 25 (1-2): 61-63, ISSN: 0970-3721. (Authors: U Mazumdar & A Mazumdar).

2006

72. Assessment of impact of heavy metals on the communities and morphological deformities of Chironomidae larvae in the river Damodar (India, West Bengal) - **SUPPLEMENTA AD ACTA HYDROBIOLOGICA, POLAND** 8, 21 - 32. (Authors: G Bhattacharya, A K Sadhu, U Mazumdar, P K Chaudhuri, & A Ali)

2005

73. New species of predaceous midges of the Genus *Alluaudomyia* Kieffer 1913 (Insecta, Diptera, Ceratopogonidae) from the coastal region of West Bengal, India - **ZOOSYSTEMA [MUSÉUM NATIONAL D'HISTOIRE NATURELLE FRANCE]** 27(1): 115 -122. (Authors: Sinha,S.,& Chaudhuri, P.K.), IF 0.638.

74. Antennal deformities of chironomid larvae and their use in biomonitoring of the heavy metal pollutants in the river Damodar of West Bengal, India - **ENVIRONMENTAL MONITORING AND ASSESSMENT, USA**, Springer, 108: 67 - 84. (Authors: Bhattacharyay, G., Sadhu,A.K., & Chaudhuri,P.K.), IF 1.592.

2004

75. Deformity of mentum of chironomid larva as potential water quality indicator of heavy metal pollutants of river Damodar - **ANNALS OF ENTOMOLOGY, INDIA**, 22(1-2): 31 - 38, ISSN: 0970-3721, (Authors: G Bhattacharyay, & A K Sadhu).

76. A catalogue of strepsipteran species (Insecta) of India - **PROCEEDINGS OF THE ZOOLOGICAL SOCIETY, CALCUTTA**, 57(1): 43-46. (Authors: A Mazumdar P K Chaudhuri, P. K.).

2003

77. Biting midges of the genus *Atrichopogon* Kieffer (Diptera: Ceratopogonidae) from India - **TIJDSCHRIFT VOOR ENTOMOLOGIE, THE NETHERLANDS**, 146: 259 - 296. ISSN: 0040-7496, (Authors: M Bose, S K Dasgupta, & P K Chaudhuri).
78. Biting midges of the genus *Forcipomyia* Meigen (Diptera: Ceratopogonidae) from West Bengal, India - **THE JAPANESE JOURNAL OF SYSTEMATIC ENTOMOLOGY, JAPAN** 9(1): 75 - 80. (Authors: S Sinha & P K Chaudhuri).
79. Biting midges of the genus *Bezzia* Kieffer (Diptera: Ceratopogonidae) from the coastal areas of West Bengal, India - **BANGLADESH JOURNAL OF ZOOLOGY, BANGLADESH** 31(1): 23-39. (Authors: Sinha, S. Dasgupta, S.K. & Chaudhuri, P.K.).

2000

80. New species of *Cladotanytarsus* Kieffer from the Deltaic region of West Bengal, India (Diptera: Chironomidae) - **ORIENTAL INSECTS, USA**, 34:193 -202. ISSN 0030-5316 (Print), 2157-8745 (Online), (Authors- Hazra, N. & Chaudhuri, P.K.)

1998

81. Additions to *Tanytarsus* species from mangrove ecosystem of West Bengal, India (Diptera: Chironomidae). **ORIENTAL INSECTS, USA**, 32: 219-238 ISSN 0030-5316 (Print), 2157-8745 (Online), (Authors- Chaudhuri, P.K. & Hazra, N.).

1997

82. Record of Two Orthoclad genera in the mangrove ecosystem of West Bengal, India (Diptera: Chironomidae) - **JOURNAL OF BENGAL NATURAL HISTORY SOCIETY, INDIA, new series**, 16 (I): 35 - 42, (Authors - Hazra, N. & Chaudhuri, P.K.)

1996

83. Morphology of *Stictochironomus polystictus* (Kieffer) from India (Diptera: Chironomidae) - **POLSKIE PISMO. ENTOMOLOGICZNE, WROCLAW**, 65: 319 -326, (Authors - Bhattacharyay, S. & Chaudhuri, P.K.).

1995

84. Larval population of chironomids (Diptera) in two principal rice growing seasons in West Bengal - **JOURNAL OF BENGAL NATURAL HISTORY SOCIETY, INDIA new series**, 14 (2): 15 - 28, (Authors - Chattopadhyay, S. & Chaudhuri, P.K.)

1994

85. Notes on the genus *Rheotanytarsus* Thienemann et Bause (Diptera, Chironomidae) with descriptions of two new species from India - **RUSSIAN ENTOMOLOGICAL JOURNAL, RUSSIA**, 3(1-2): 151 - 158. (Authors- Chaudhuri, P.K. & Datta, T.)
86. On two new species of the genus *Endochironomus* Kieffer (Diptera: Chironomidae) from the Himalaya, West Bengal, India - **STUDIA DIPTEROLOGICA, GERMANY**, 1(2): 253 - 258 (Authors- Datta, T. & Chaudhuri, P.K.).

1992

87. Life stages of *Tanytarsus* Van der Wulp with description of a new species from India.(Diptera: Chironomidae) - **DEUTSCHE ENTOMOLOGISCHE ZEITSCHRIFT., GERMANY**, Wiley-VCH, 39(4-5):381-396. (Authors- Chaudhuri, P.K. & Ali, A.).
88. *Cladotanytarsus* Kieffer (Diptera, Chironomidae) from India with description of three new species - **REVISTA BRASILEIRA DE ENTOMOLOGIA, BRAZIL**, 3(3): 671 - 684. (Authors- Datta, T. & Chaudhuri, P.K.)
89. Taxonomic studies on *Tanytarsus* van der Wulp (Diptera: Chironomidae) in India - **ORIENTAL INSECTS, USA**, 26: 39 - 66. (Authors- Datta, T. & Chaudhuri, P.K.).
90. Indian Species of Genus *Paratanytarsus* Thienemann and Bause (Diptera: Chironomidae) - **AQUATIC INSECTS - INTERNATIONAL JOURNAL OF FRESHWATER ENTOMOLOGY, UK**, 14(3): 129 -135 (Authors- Datta, T. & Chaudhuri, P.K.).

1991

91. Life stages and biology of *Chironomus samoensis* Edwards (Diptera: Chironomidae) - **PROCEEDING OF THE NATIONAL ACADEMY OF SCIENCE, INDIA** 61(B)III: 291-301, (Authors- Chattopadhyay, S. & Chaudhuri, P.K.)
-

Supervision of Ph.D	
Ph.D awarded	13
Ph.D thesis submitted	01
No. of fellows working at present	05

Research

Ph.D. Awarded

2021

1. *Title of the thesis:* Studies on adult of *Culicoides* spp. (Diptera: Ceratopogonidae) in relation to farm animals with special emphasis on host preference and host seeking behaviour. *Name of the candidate:* Shuddhasattwa Maitra Mazumdar, registration w.e.f. 08.02.2016.
2. *Title of the thesis:* Hypothalamo-hypophyseal complex of *Ompok bimaculatus* (Bloch) with special reference to gonadal maturation and inducement of breeding. *Name of the candidate:* Mr. Mainak Banerjee (Jt. Supervisor with Prof. P. Chakraborty), registration w.e.f. 08.02.2016.

2019

3. *Title of the thesis:* Studies on predaceous midges, *Alluaudomyia* Kieffer and *Stilobezzia* Kieffer, Ceratopogonini (Diptera: Ceratopogonidae) from West Bengal, India. *Name of the candidate:* Mr. Sudipta Sarkar.

2018

4. *Title of the thesis:* Community structure and diversity of Chironomine midges (Diptera: Chironomidae) in the paddy fields of West Bengal. *Name of the candidate:* Mr. Atanu Ghosh.

2016

5. *Title of the thesis:* Bionomics of *Culicoides* sp. (Diptera: Ceratopogonidae) affecting livestock of West Bengal, India. *Name of the candidate:* Ms. Rupa Harsha.
6. *Title of the thesis:* Biosystematic studies of the subfamily Tanypodinae (Diptera: Chironomidae) from the Eastern Himalaya, India. *Name of the candidate:* Mr. Nilotpol Paul.

2015

7. *Title of the thesis:* Morphological deformities of Chironomid larvae (Diptera: Chironomidae) occurring in rice agro-ecosystem of Gangetic West Bengal. *Name of the candidate:* Mr. Debnarayan Saha.

2014

8. *Title of the thesis:* Studies on the Polymorphic organization of the polytene chromosomes of some species of *Chironomus* (Diptera: Chironomidae). *Name of the candidate:* Mr. Prantap Sarkar.

9. *Title of the thesis:* Revision of the Indian species of the genus *Culicoides* Latreille, 1809 (Diptera: Ceratopogonidae). *Name of the candidate:* Ms. Mou Nandi.
10. *Title of the thesis:* Systematics and biology of two Chironomine genera *Chironomus* Meigen and *Kiefferulus* Goetghebuer from eastern Himalaya (Diptera: Chironomidae). *Name of the candidate:* Mr. Nirmalya Das.

2010

11. *Title of the thesis:* Effects of Strepsipteran Parasitoids (Insecta: Strepsiptera) on Hoppers (Hemiptera: Cicadellidae) Injurious to paddy plants of West Bengal, India. 120pp. The University of Burdwan. *Name of the candidate:* Ms. Sangita Mitra.

2007

12. *Title of the thesis:* Systematic of Biting Midges of the Tribes Palpomyiini Enderlein and Sphaeromiini Newman (Diptera: Ceratopogonidae) of West Bengal, India. 115pp.+Vplates. The University of Burdwan. *Name of the candidate:* Mr. Deshbandhu Sai.

2006

13. *Title of the thesis:* Systematics and Biology of the Subfamily Chironominae (Diptera: Chironomidae) of Eastern India. 194pp. The University of Burdwan. *Name of the candidate:* Mr. Uttaran Majumdar.

Ph.D. registered

1. *Title of the thesis:* Study exploring the effects of organophosphate insecticide, acephate on reproduction of *Drosophila melanogaster*. *Name of the candidate:* Moutushi Mandi (Jt. Supervisor Dr Sumedha Roy), registration w.e.f. 08.12.2016. submitted
2. *Title of the thesis:* Investigation of the factors affecting Pre and Post oviposition in *Culicoides* spp. (Diptera: Ceratopogonidae) of veterinary importance. *Name of the candidate:* Paramita Banerjee, registration w.e.f. 25. 07.2018.
3. *Title of the thesis:* Studies on biological activity and host-vector interactions of some adult *Culicoides* spp. (Diptera: Ceratopogonidae) associated with livestock in West Bengal, India. *Name of the candidate:* Biswajit Mondal, registration w.e.f. 27. 07.2018.
4. *Title of the thesis:* Investigation on microclimate variables influencing biological activities of *Culicoides* spp. (Diptera: Ceratopogonidae) with emphasis on host preference. *Name of the candidate:* Surajit Kar, registration w.e.f. 21. 05.2019.
5. *Title of the thesis:* An appraisal on haemolytic gut bacteria in *Culicoides* spp. (Diptera: Ceratopogonidae) having medico – veterinary importance. *Name of the candidate:* Ankita Sarkar, registration w.e.f. 22. 05.2019

M. Phil. Awarded**2004**

1. *Title of thesis:* Preliminary observations of Morphology and some Ecological factors of Chironomids associated with Paddies of Burdwan University Crop Research Farm. The University of Burdwan. *Name of the candidate:* Sikha Mandal.

2005

2. *Title of thesis:* Study of Morphology and Polytene Chromosomes *Glyptotendipes barbipes* (Staeger) from India (Diptera: Chironomidae). 22pp. The University of Burdwan. *Name of the candidate:* Soumi Nandi.

2010

3. *Title of thesis:* Effect of Temperature and food on the development period of *Glyptotendipes barbipes* (Staeger), an abundant pond-dwelling Chironomid. 79pp. The University of Burdwan. *Name of the candidate:* Saramita De (Chakravarti).

GENE BANK SUBMISSIONS

- 2013** LOCUS KC831584 1558 bp DNA linear BCT 17-JUL-2013
DEFINITION *Bacillus pumilus* strain CU1A 16S ribosomal RNA gene, partial sequence.
ACCESSION [KC831584](#)
VERSION KC831584.1
SOURCE *Bacillus pumilus*
ORGANISM [Bacillus pumilus](#)
Bacteria; Firmicutes; Bacilli; Bacillales; Bacillaceae;
Bacillus.
REFERENCE 1 (bases 1 to 1558)
AUTHORS Harsha,R., Pan,B., Ghosh,K. and Mazumdar,A.
TITLE Blood digesting bacteria isolated from *Culicoides* sp.
(Diptera:Ceratopogonidae)
JOURNAL Unpublished
REFERENCE 2 (bases 1 to 1558)
AUTHORS Harsha,R., Pan,B., Ghosh,K. and Mazumdar,A.
TITLE Direct Submission
JOURNAL Submitted (23-MAR-2013) Zoology, The University of Burdwan,
Golapbag, Burdwan, West Bengal 713104, India
-
- 2013** LOCUS KC831585 1584 bp DNA linear BCT 17-JUL-2013
DEFINITION *Bacillus pumilus* strain CU1B 16S ribosomal RNA gene, partial sequence.
ACCESSION [KC831585](#)
AUTHORS Harsha,R., Pan,B., Ghosh,K. and Mazumdar,A.
TITLE Isolation of blood digesting bacteria from *Culicoides* sp.
(Diptera:Ceratopogonidae)
JOURNAL Unpublished
REFERENCE 2 (bases 1 to 1584)
AUTHORS Harsha,R., Pan,B., Ghosh,K. and Mazumdar,A.
TITLE Direct Submission
JOURNAL Submitted (23-MAR-2013) Zoology, The University of Burdwan,
Golapbag, Burdwan, West Bengal 713104, India
-
- 2013** LOCUS KC831586 1590 bp DNA linear BCT 17-JUL-2013
DEFINITION *Bacillus licheniformis* strain CU2B 16S ribosomal RNA gene, partial sequence.
ACCESSION [KC831586](#)
VERSION KC831586.1
SOURCE *Bacillus licheniformis*
ORGANISM [Bacillus licheniformis](#)
Bacteria; Firmicutes; Bacilli; Bacillales; Bacillaceae;
Bacillus.
REFERENCE 1 (bases 1 to 1590)
AUTHORS Pan,B., Harsha,R., Ghosh,K. and Mazumdar,A.
TITLE Blood utilizing bacteria isolated from *Culicoides* sp.
(Diptera: Ceratopogonidae)
JOURNAL Unpublished
REFERENCE 2 (bases 1 to 1590)
JOURNAL Submitted (23-MAR-2013) Zoology, The University of Burdwan,
Golapbag, Burdwan, West Bengal 713104, India

Culicoides species with accession number of submitted sequence of COX1 and ITS1 gene

Sl.no.	Species	Accession no.	Gene
1.	<i>C. actoni</i>	ON806541	ITS1
2.	<i>C. anophelis</i>	ON806539	ITS1
3.	<i>C. fulvus</i>	ON806534	ITS1
4.	<i>C. imicola</i>	ON806542	ITS1
5.	<i>C. innoxius</i>	ON806540	ITS1
6.	<i>C. oxystoma</i>	ON806535	ITS1
7.	<i>C. oxystoma</i>	ON806536	ITS1
8.	<i>C. palpifer</i>	ON806538	ITS1
9.	<i>C. peregrinus</i>	ON806533	ITS1
10.	<i>C. shortti</i>	ON806537	ITS1

Sl.no.	Species	Accession no.	Gene
1.	<i>C. actoni</i>	OK413632	COX1
2.	<i>C. actoni</i>	OK413633	COX1
3.	<i>C. actoni</i>	OK413634	COX1
4.	<i>C. anophelis</i>	OK413630	COX1
5.	<i>C. anophelis</i>	OK413631	COX1
6.	<i>C. fulvus</i>	OK413613	COX1
7.	<i>C. fulvus</i>	OK413614	COX1
8.	<i>C. hegeneri</i>	OK413627	COX1
9.	<i>C. hegeneri</i>	OK413628	COX1
10.	<i>C. hegeneri</i>	OK413629	COX1
11.	<i>C. huffi</i>	OK413635	COX1
12.	<i>C. innoxius</i>	OK413619	COX1
13.	<i>C. innoxius</i>	OK413620	COX1
14.	<i>C. innoxius</i>	OK413621	COX1
15.	<i>C. oxystoma</i>	OK413618	COX1
16.	<i>C. palpifer</i>	OK413622	COX1
17.	<i>C. palpifer</i>	OK413623	COX1
18.	<i>C. palpifer</i>	OK413624	COX1
19.	<i>C. peregrinus</i>	OK413615	COX1
20.	<i>C. peregrinus</i>	OK413616	COX1
21.	<i>C. peregrinus</i>	OK413617	COX1
22.	<i>C. regalis</i>	OP405010	COX1
23.	<i>C. regalis</i>	OP405011	COX1
24.	<i>C. regalis</i>	OP405012	COX1
25.	<i>C. regalis</i>	OP405013	COX1
26.	<i>C. shortti</i>	OK413625	COX1
27.	<i>C. shortti</i>	OK413626	COX1

Research projects

- **1999-2002**

UGC sponsored Minor Research Project entitled “A study of the seasonal variations in Microflora & Microfauna of the river Dikrong river special reference to Coliform bacteria”.

UGC sponsored Major Research Project entitled, “Distribution and diversity of periphytic communities in waterlogged rice fields of Arunachal Pradesh with special emphasis on rice-fish culture”.

UGC sponsored Minor Research Project entitled, “A study of the Chironomidae communities occurring in the rice fields of Arunachal Pradesh (Diptera: Chironomidae).”

- **2002-2012**

Ministry of Environment & Forests, New Delhi sponsored All India Coordinated project on Taxonomy (AICOPTAX) Research Project entitled, “*Taxonomy of Diptera*” funded by Department of Environment & Forest, Govt. of India. (Prof. P. K. Chaudhuri & Dr. A. Mazumdar), [Sanction letter no. J-22018/56/2000-CSC (BC) dated 28 Feb,2002], Duration 2002-2012, Burdwan University center: Rs.41,54,650/-

- **2011-2014**

University Grants Commission sponsored Major Research Project UGC entitled, “*Bionomics of the biting midge (Diptera: Ceratopogonidae) affecting the livestock of West Bengal, India*”. [UGC reference: F.No.39-615/2010 (SR), dated 10th January, 2011, 2011-2014, Rs.9,80,200/-

- **2014 - 2017**

Ministry of Environment Forest & Climate Change, Govt. of India sponsored research project entitled, “*Systematics and Life history Strategies of Strepsipteran Parasitoids (Insecta: Strepsiptera) with Special Emphasis on Stylopisation of Pests of Rice Agro-Ecosystem in West Bengal*” (No.14/13/2012-ERS /RE) (N.Hazra , PI, A. Mazumdar CoPI), Rs. 32,03,751/- 3 yrs.

- **2019 - 2022**

Science and Engineering Research Board - Department of Science & Technology (New Delhi)- Major Research Project entitled, “*Elucidating the species complex of biting midges Culicoides Latreille (Diptera: Ceratopogonidae) of veterinary importance using integrative taxonomy*” (sanction no. CRG/2018/004076), (A Mazumdar, PI & N Hazra CoPI), Rs. 40,30,535/- 3 years, ongoing.

As Resource person

2022 Invited lecture through online mode for the Interdisciplinary Refresher Course in Modern Biology, organized by UGC-Human Resource Development Centre, University of Calcutta, on 17th December 2022 at 10.30am.

2021 Keynote speaker and resource person in the International Lecture Series on Nutrition (July 1-14, 2021) organized by IQAC & Department of Nutrition of Gushkara Mahavidyalaya.

- Invited Lecture on 'Trapping and sampling of insect vectors' in a DST sponsored workshop on Techniques in research for insects of medical importance under SSR, 19 & 20 March, 2021, organized by Department of Life Sciences, Dibrugarh University; <https://youtube/IRgPYiOaenw>
- Resource person and delivered online lecture on "Role of synthetic Biology in sustainable development" in the 1st Faculty Induction Programme, organized by the UGC-HRDC resource Development Centre, Univ of Burdwan on 20.02.202.

2020 Plenary talk on "Insect inspired processes and products – a new era in Biomimetics" in the National seminar on "Advancement of Biology in the 21st century" organized by the Department of Zoology, Visva-Bharati University in collaboration with the Zoological Society, Kolkata, 28th-29 February 2020

- Chaired a technical/poster session in National Seminar on Advancement of Biology in the 21st Century, 28-29 February, 2020 organized by Department of Zoology, Visva-Bharati University and The Zoological Society, Kolkata.

2019 Reviewer of the 4th Regional Science & Technology Congress (western Region) held on 09-10 December, 2019 jointly organized by the University of Burdwan and Department of Science & Technology, Govt of WB.

2018 As resource person and delivered lecture on *Unwanted harvest: An introspection* at 112th Orientation Programme at the HRDC, Golapbag, Burdwan University on 18.12.2018

- As resource person and delivered lecture on XXXXX at 110th Orientation Programme at the HRDC, Golapbag, Burdwan University on 18.12.2018
- Chairperson in International Symposium on Human Genetics: Population and Disease and Workshop on Thalassemia, 24-25 August, 2018 organized by the Department of Zoology, The University of Burdwan.
- Participated in One-Day Workshop on the Digital Initiatives for Higher Education under Swayam, July 9, 2018, organised by Digital Learning Monitoring Cell, The University of Burdwan.

2017

- Talk on “Agriculture: Trapped in a treadmill” at Two days National Seminar (January 5-6, 2017) on “Spare the nature: make the Earth Green” organized by Department of Zoology, Sonamukhi College & Bankura Sammilani College.
- Invited Speaker and presented a paper entitled “Bionomics of Culicoides spp. (Diptera: Ceratopogonidae), potent vectors of Bluetongue disease affecting the livestock” in National Seminar on Exploring the Modern Approach in Biological Science: From Genome to Organism (Chapter-II), February 21-22, 2017, organized by Department of Zoology, Sidho-Kanho-Birsa University
- Chaired a session in Scientific Session in National Conference on Advances of Life Sciences and Radiation Biology, 17-18 February, 2017 organized by the Department of Zoology, The University of Burdwan.

2016 Invited speech on “Bionomics and population management of midges (Diptera: Chironomidae)” on 22 December, 2016, first reunion Celebration, Department of Zoology, Bankura Christian College.

- Invited lecture, “A tale of tear and blood” at refresher course, Academic Staff College, Burdwan University
- Invited lecture, “Taxonomic impediments” at refresher course, Academic Staff College, Burdwan University

2015 Invited lecture, “Unwanted Harvest” at Hooghly Women’s College

Acted as resource person in the **Workshop on Bluetongue Vector Identification** conducted jointly by Tamil Nadu Veterinary and Animal Sciences University and India Council of Agricultural Research at All India Network Program on Bluetongue (TANUVAS Centre), Vaccine Research Centre during 2nd to 6th November 2015.

Research Outcome: UV Light Trap for small Dipteran Flies: Fabrication, Installation and maintenance by The USIC, The University of Burdwan; Research and design by Nilotpol Paul, Rupa Harsha and Abhijit Mazumdar, showcased at **Workshop on Bluetongue Vector Identification** conducted jointly by Tamil Nadu Veterinary and Animal Sciences University and India Council of Agricultural Research at All India Network Program on Bluetongue (TANUVAS Centre), Vaccine Research Centre during 2nd to 6th November 2015
