


Personal Profile

Name	DR CHANDRANATH CHATTERJEE	
Designation	Associate Professor of Zoology	
Date of birth	14.01.1975	
Educational qualification	M.Sc., Ph.D.	
Permanent address	M-63, Kururia Main Road; Durgapur-713203	
Contact number	9434189708	
E-mail	chandranath@bankurachristiancollege.in	
Date of joining this institution	16.07.2003	
Past services	NIL	
Areas of teaching	Molecular Biology, Biophysics, Classical Zoology, Cytogenetics	
Vidwan Portal ID	240924	
ORCID ID		
Google Scholar ID		
Research Gate ID		

FACULTY DEVELOPMENT PROGRAMME

Sl. No.	Course	Sponsoring Agency	Institutions	Date
1.	Orientation Programme	University Grants Commission	Academic Staff College, University of Burdwan	29.01.2005 – 25.02.2005
2.	16 th Refresher Course in Environmental Science,	University Grants Commission	Academic Staff College, University of Burdwan	22.08.2009 – 11.09.2009
3	3 rd Refresher Course in Life Sciences	University Grants Commission	Academic Staff College, University of Burdwan	06.08.2011 – 26.08.2011
4.	Summer School	University Grants Commission	UGC-HRDC, Utkal University, Bhubaneswar	23.06.2015 – 13.07.2015

Sl. No.	TITLE	PUBLISHED BY
1.	Sexual Dimorphism in Enzyme Activity Pattern of <i>Canis lupus chanco</i> (Tibetan Wolf)	<i>Trans. Zool. Soc. East India</i> , 5(1): 37-38 (2001). ISSN – 0972-1762
2.	Sperm Polymorphism in Amphibia – A Fluorescence Activated Cell Sorting Study.	<i>Bulletin of Pure and Applied Sciences</i> . Vol. 21A (No. 2) pp. 63-66 (2002) ISSN – 0970-0765
3.	Biodiversity : A multidisciplinary approach for conservation.	<i>Trans. Zool. Soc. East India</i> Vol. 9(1&2); pp-05-08 (2005). ISSN – 0972-1762
4.	Sperm Ultrastructure- A Phylogenetic tool in Amphibia.	<i>Wesleyan Journal of Research</i> , Vol. 1: 91-97 (2008) ISSN – 0975-1386
5.	Medicinal application of Snake Venom.	<i>Wesleyan Journal of Research</i> Vol- 2(i) : 59-61 (2009) ISSN – 0975-1386
6.	Ecosystems and Human well-being	<i>Journal for Environment and Sociobiology</i> Vol. 8(1); 25-42 (2011) ISSN - 0973-0834
7.	Diversity of nematodes inhabiting some major crop plants in India with a note on their biocontrol	<i>Journal for Environment and Sociobiology</i> , Vol. 8 (1); pp 103-107 (2011) ISSN - 0973-0834

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8. Human civilization- A threat to global amphibian diversity *Journal for Environment and Sociobiology*, Vol. 8 (1); pp 141-147 (2011)
ISSN - 0973-0834
9. Synthetic Chemical Pesticides and their effects on Birds *Research Journal of Environmental Toxicology* 5(2) pp 81-96 (2011)
ISSN – 1819-3420
10. Sperm DNA-A Phylogenetic Tool in Anuran Taxonomy *Wesleyan Journal of Research* Vol.7, No. 1; pp 177-189 {2014}
ISSN – 0975-1386
11. Impact of Jainism on Environmental Sustainability *Jain Journal* Vol. XLIX, No. 1-4; pp 41-51 (2015)
ISSN – 0021-4043
12. Seasonal Variation in Soil Mite Population at Different Locations of Bankura Town. *Wesleyan Journal of Research* Vol.8.1; pp 24-31 {2015}
ISSN – 0975-1386
13. Modulation of immune response by Organophosphate pesticides: Mammals as potential model *Proceedings of Zoological society*. Vol 72; pp 13-24 (2019)
ISSN – 0373-5893
14. Wild Life Hunting by Indigenous People of Bankura District, West Bengal, India *Wesleyan Journal of Research* Vol.11.1; pp 29-61 {2019}
ISSN – 0975-1386
15. Indigenous Practices in Pest Management in North East India : A *Wesleyan Journal of Research* Vol.11.1; pp 21-25 {2019}
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BOOKS / BOOK CHAPTERS / MONOGRAPHS

Sl. No.	TITLE	PUBLISHED BY
1.	Gonadal Differentiation Pattern of Himalayan Toad, <i>Bufo himalayanus</i> (Gunther) Anura, Amphibia – An Ultrastructural Study	<i>Recent Advances in Animal Science Research : vol-I</i> ; Orion Press International (2001) ISBN – 81-88094-01-3
2.	Sperm Ultrastructure and Phylogeny of Bufonidae (Anura: Amphibia)	<i>Recent Advances in Animal Science Research: vol-III</i> ; Orion Press International pp340-355 (2004). ISBN – 81-88094-02-6
3.	Whole mount Electron microscopy of Amphibian Testis.	<i>Recent Advances in Animal Science Research: vol-III</i> ; Orion Press International pp 437-442 (2004). ISBN – 81-88094-02-6
4.	Fine structure of spermatozoa of Himalayan Toad, <i>Bufo himalayanus</i> (Anura: Amphibia).	<i>Recent Advances in Animal Science Research :vol-III</i> ; Orion Press International pp 461-464 (2004). ISBN – 81-88094-02-6
5.	Thalassemia – A qualitative hemoglobinopathy	<i>Environmental issues and challenges, Vol. 3</i> UGC Academic Staff College BU pp 115-120 (2010)
6.	Study of Amphibian Sperm under Light and Electron Microscope	<i>Contemporary Laboratory and Field Experiments in Zoology</i> ; pp 86-88 (2015) ISBN – 978-81-8211-128-8

POPULAR ARTICLES

Sl. No.	TITLE	PUBLISHED BY
1	The Mystery of Sex	BCC Annual Magazine , 2002.
2	Poisonous Dart Frog- The amazing Amphibia	BCC Annual Magazine , 2003
3.	Damodar Pollution and its Impact	Proceedings of UGC sponsored seminar – ‘Impact of Civilization on Environment’ published from Jhargram Raj College, 2004.
4.	Anti-Aging Treatment	BCC Annual Magazine, 2004.
5.	Green House Gas Effect	BCC Annual Magazine, 2005
6.	The Dirty Dozen	BCC Annual Magazine, 2007
7.	Bio-monitoring of air pollution	BCC Annual Magazine, 2009
8.	Oil Eating Bacteria	BCC Annual Magazine, 2010
9.	Effect of Global Warming on Wild Life	BCC Annual Magazine, 2011
10.	Carbon Trading – a new Horizon in Indian Economy	Eco Focus , BCC News Letter 2012
11.	Anti-freeze Protein	Eco Focus , BCC News Letter 2013-14
12	Bioluminescence	Eco Focus , BCC News Letter 2014-15

PAPER PRESENTATION/ PARTICIPATION: CONFERENCES/SEMINARS /SYMPOSIA /WORKSHOPS

Title of the Seminar/Conference/Workshop	Title of the Paper	Sponsoring Agency	Name of the Host Institution	Date(s)
International Seminar on “Modern Trends in Biological Sciences”	Lichens as Bio-indicator of Air Pollution	Raja N.L. Khan College, Midnapore	Raja N.L. Khan College, Midnapore	24.10.2009
1 st Regional Science & Technology		DST-WB	Bankura	07.11.2016

Congress		Govt.	Christian College	
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RESEARCH PROJECTS

- Name of the Research Project: Minor Research Project - “Light and Electron microscopic study of the Pineal organ in two species (*Bufo sp.* and *Rhacophorus sp.*)
- Funded by: University Grants Commission
- Amount sanctioned: 50,000/-
- Memo No. and Date: F.PSW- 089/06-07 **Co investigator**
- Date of Completion:

RESEARCH GUIDANCE

NIL

AWARD / RECOGNITION / MEMBER OF BOARD OF STUDIES / ACADEMIC ACTIVITIES

- (i) Worked as Asst. Co-ordinator of NetajiSubhas Open University, Bankura Christian College Study Centre, Bankura from April 2005 to March 2011
- (ii) In-Charge of Dept of Physiology from Feb. 2010 to Sept. 2011
- (iii) Worked as Assistant Secretary, Teachers Council, Bankura Christian College from August 2006 to July 2010
- (iv) Worked as Secretary, Teachers Council, Bankura Christian College from August 2010 to July 2012
- (v) Governing Body Member of Bankura Christian College, Bankura from May 2014 to April 2017.
- (vi) Working as Coordinator, Bankura Christian College Study Centre under Directorate of Distance Education, Vidyasagar University since 2015
- (vii) Governing Body Member (Nominee of West Bengal State Council of Higher Education) of Panchmura Mahavidyalaya, Bankura from 2018 to 2022
- (viii) Governing Body Member (Teacher representative) , Bankura Christian College from 2021 to 2024

COMMUNITY WORK / SOCIAL ACTIVITY

1. Life member of (a) Zoological Society of Eastern India; Burdwan, West Bengal
(b) Zoological Association , Burdwan, West Bengal.

ANY OTHER

- Awarded with fellowship of Zoological Society of Eastern India on 2002
- Organized the UGC Sponsored State Level Seminar on “Modern Trends in Ecotoxicological Research and Human Welfare.” on Sep. 25th and 26th, 2006, on behalf of Dept of Zoology, Bankura Christian College.
- Organized UGC Sponsored National Level Seminar on “Ethnozoology and Human Welfare” on Sep. 26th and 27th, 2008, on behalf of Dept of Zoology, Bankura Christian College.
- Organized UGC Sponsored National Level Seminar on “Biodiversity Conservation Scenario in India” on Sep. 24th and 25th, 2010, on behalf of Dept of Zoology, Bankura Christian College.
- Organized UGC Sponsored National Level Seminar on “Promoting Biocontrol Agencies for Human Well-being” on Jan.11th and 12th.2012, on behalf of Dept of Zoology, Bankura Christian College.
- Organized One day National Seminar on “Traditional Knowledge and Practice in Eastern India” on 15.03.18, sponsored by Department of Higher Education, Science and Technology and Biotechnology, Govt. of west Bengal, as Organizing Secretary on behalf of Bankura Christian College.