

PERSONAL PROFILE:**Name: BANANI BINDHANI****Designation: Assistant Professor (Grade II)****Department: Zoology****E-Mail: bindhanibanani@gmail.com****Mobile (Optional): 8478822525****Website (if any): NA****Date of joining present service: 07.01.2015****Date of joining in service: 07.01.2015****EDUCATIONAL QUALIFICATIONS:**

Pass out Year	Examination	Pass out From	Division/ Rank/ Status
2007	B.Sc.	Lady Brabourne College (C.U.)	I
2009	M.Sc.	Calcutta University	I
2011	B.Ed.	Calcutta University	I
2012	GATE		Qualified
2011	NET-LS	CSIR-UGC	Qualified

2012	NET-LS	CSIR-UGC	Qualified
2019- at present	PhD	West Bengal State University	

COLLEGE SERVED:

College Name	Served From	Served Till
Dinabandhu Andrews College	07.01.2015	At present continue

TEACHING EXPERIENCE:

UG Experience	PG Experience
10 years	10 years

MEMBERS OF DIFFERENT ACADEMIC BODIES:

Sl No.	Academic Bodies
1.	PG board of studies

HONORARY FELLOWSHIP:

Sl No.	Fellowship
1.	Indira Gandhi Fellowship (PhD)

ADMINISTRATIVE DUTIES:

From Date	To Date	Name of Body/ Committee Served
01.08.2015	At present	Kanyasree Committee
01.08.2015	At present	Magazine Committee

TEACHING RESPONSIBILITIES:

Details
Endocrinology, Molecular biology, Animal Behaviour, Genetics, Developmental Biology, Human Evolution, Neuro- Biology

AREA OF RESEARCH AND INTEREST:

Details
<u>Endocrinology, Molecular biology & Bio-chemistry</u>
Area of Specialization: Endocrinology, Molecular biology

RESEARCH ID(S) AND OTHER STATISTICS:

Sl No.	Type of Id	Id Number
1.	Orcid Id:	0000-0003-2204-8702
2.	Scopus Author Id:	
3.	Sciprofile Id:	
4.	Loop profile Id:	
5.	Web of Science Id:	KRO-4971-2024
6.	ResearchGate Score:	
7.	h-index:	
8.	i-10 index:	
9.	Total Impact factor:	

PUBLICATION: RESEARCH PAPERS IN JOURNALS:

Sl No.	Year/ Month	Title	Name of Journal	Volume / Page No.	Authors	ISSN No.	Citation Index (If any)	Impact Factor (If any)
1	March, 2025	Effects of Malathion Organophosphate Exposure on Histology of Salivary Glands of 3rd Instar Larva and Brain of Adult Common Fruit Fly (<i>Drosophila melanogaster</i>)	Journal of applied science & environmental management	J. Appl. Sci. Environ. Manage. Vol. 29 (3) 939-943	1 st & Corresponding author	PRINT ISSN 1119-8362 Electronic ISSN 2659-1499	DOI: https://dx.doi.org/10.4314/jasem.v29i3.32	9.24 [SJIF, 2024]
2	January, 2025	Impact of Bisphenol-A as Endocrine Disruptor on Reproductive Endocrinology, Immune Function and Matrix Metalloproteinases in <i>Mus musculus</i>	South Asian Journal of Experimental Biology	Vol. 14, Issue 5 Page 202-211	Corresponding author	ISSN: 2230-9799	DOI: 10.38150/sajeb.14(5).p202-211	6.225 [SJIF, 2020]

3	November, 2024	Estimation of Amylase Enzyme Levels in <i>Drosophila melanogaster</i> Exposure to Malathion Organophosphate Poisoning	Journal of applied science & environmental management	Vol. 28 (11) 3691-3694	1 st & Corresponding author	PRINT ISSN 1119-8362 Electronic ISSN 2659-1499	DOI: https://dx.doi.org/10.4314/jasem.v28i11.25	9.24 [SJIF, 2024]
4	June, 2024	Effect of Malathion on Catalase Enzyme and Acetylcholinesterase Activity in Adult Flies and 3rd Instar Larvae of <i>Drosophila melanogaster</i>	Journal of applied science & environmental management	Vol. 28 (6) 1907-1912	1 st & Corresponding author	PRINT ISSN 1119-8362 Electronic ISSN 2659-1499	DOI: https://dx.doi.org/10.4314/jasem.v28i6.32	7.95 [SJIF, 2020]
5	June, 2024	Effect Of Cadmium On Immune System, Ros And Reproductive Hormone And On Expression Of Matrix Metalloproteinase Of Albino Mice	CIBTech Journal of Zoology	Vol.13, pp.182-199/Banani et al.	1 st Author	ISSN: 2319-3883	http://www.cibtech.org/cjz.htm	
6	September, 2023	Effect of Malathion	South Asian Journal of	Vol. 13, Issue 4	1 st Author	ISSN: 2230-9799	DOI: 10.38150/sajeb.13(4).p269-276	6.225 [SJIF, 2020]

		(Organophosphate) on Expression of Matrix Metalloproteinases , Blood Cell Count and Reproductive Hormones as well as Ros Level of Male Rat	Experimental Biology	Page 269-276				
7	August, 2023	Assessment of Toxicological Effect of Organophosphate, Malathion, on Matrix Metalloproteinase-1 and Matrix Metalloproteinase-2 in 3rd Instar Larvae of <i>Drosophila melanogaster</i>	Journal of applied science & environmental management	J. Appl. Sci. Environ. Manage. Vol. 27 (8) 1849-1855	1 st & Corresponding author	PRINT ISSN 1119-8362	DOI: https://dx.doi.org/10.4314/jasem.v27i8.31	7.95 [SJIF, 2020]
8	July, 2023	Melatonin – Therapeutic Role And Future In Reproductive Health	International Journal of Research and Analytical Reviews	Volume 10, Issue 3	3 rd & Corresponding author	E-ISSN 2348-1269, P- ISSN 2349-5138	www.ijrar.org	NA
9	September, 2022	Effect of Sublethal Concentration of Malathion Insecticide on Innate Immune	Journal of applied science & environmental management	Vol. 26 (9) 1591-1596	1 st & Corresponding author	PRINT ISSN 1119-8362 Electronic ISSN 2659-	DOI: https://dx.doi.org/10.4314/jasem.v26i9.19	7.95 [SJIF, 2020]

		System, Immune Function and Hemocytes of Adult <i>Drosophila melanogaster</i>				1502		
10	September, 2022	Progestin as an Inhibitor of Premature Ovulation through LH Suppression in IVF	Journal of Endocrinology and Reproduction	Vol 26(3), 153-161	2 nd & Corresponding author	ISSN (Print): 0971-6580 ISSN (Online): 0976-5131	DOI: 10.18311/jer/2022/30705	1.05
11	August, 2021	Understanding the physiological roles of Matrix metalloproteinase in fruit fly (<i>Drosophila</i>)	Archives of insect biochemistry and physiology	Arch Insect Biochem Physiol. 2021;e21849.	1 st & Corresponding author	e21849	DOI: 10.1002/arch.21849	2.454
12	November, 2020	Altered expressions of DNA methyltransferases in biomass using rural women in West Bengal	Journal of Indian Associations For Environmental Management (CSIR)	Vol. 40 No.2 (2020)	1 st & Corresponding author	ISSN NO. - Print: 0970-8480 ISSN No. Online:2582-4228		0.96
13	December, 2015	Changes in RANKL and osteoprotegerin expression after chronic exposure to indoor air pollution as a result of cooking	Journal of Applied Toxicology	J. Appl. Toxicol. 2016; 36: 969–976	3 rd author out of 4 authors	Copyright © 2015 John Wiley & Sons, Ltd	DOI: 10.1002/jat.3275	3.628

		with biomass fuel						
14	May, 2014	Chronic low-level arsenic exposure reduces lung function in male population without skin lesions	International Journal of Public Health	Volume 59, Number 4	2 nd author out of 8 authors	ISSN 1661-8556	DOI 10.1007/s00038-014-0567-5	3.465
15	September 2014	Increased oxidative DNA damage and decreased expression of base excision repair proteins in airway epithelial cells of women who cook with biomass fuels	Environmental Toxicology and Pharmacology	Volume 38, Issue 2, Pages 341-352	2 nd author out of 4 authors	Epub 2014 Jul 3	DOI: 10.1016/j.etap.2014.06.010	5.785
16	December 2014	Chronic Low Level Arsenic Exposure Inflicts Pulmonary and Systemic Inflammation	Journal of Cancer Science & Therapy	Volume 6(3) 062-069 (2014) - 062	3 rd author out of 7 authors	ISSN: 1948-5956	DOI: 10.4172/1948-5956.1000250	1.331
17	December 2014	Platelet hyperactivity, neurobehavioral symptoms and depression among Indian women chronically exposed to low level of arsenic	Neurotoxicology	Volume 45, Pages 159-167	2 nd author out of 5 authors	Epub 2014 Oct 28	DOI: 10.1016/j.neuro.2014.10.011	4.398

PUBLICATION: BOOK CHAPTERS:

Sl No.	Year/ Month	Book Title	Chapter Title	Editor/ Author	Publisher	ISSN/ ISBN No.
1	February, 2023	COVID – 19 Pandemic and its Impact on Biodiversity	Positive Effect of Sex Hormones in COVID-19 Female Patients	2 nd & Corresponding Author	Red Shine Publication PVT. LTD.	ISBN: 978-93-94727-93-9

PRE-PUBLICATION REVIEW (Role as Reviewer/ Editor):

Sl No.	Publication Details
1.	Role as Reviewer: Uttar Pradesh Journal Of Zoology Certificate No: MBIMPH/PR/Cert/3663/BAN, Date: 15-Jun-2024
2.	Role as Reviewer: Asian Journal of Advanced Research and Reports Certificate No: PRAJARR119925BAN, Date: 25.07.2024

INVITED TALK(S)/ LECTURE(S):

Sl No.	Date	Title	Organised By
1	22.02.2024	Nucleus- SEM1 ZOOM CC-1	Victoria Institution

ORAL/ POSTER PRESENTATION(S):

Sl No.	Date	Title	Title of Conference	Organised By
1	18 th – 19 th December, 2018	Altered Expression of DNA Methyltransferases in Biomass	3rd Regional Science and Technology Congress (South	Bidhannagar College and- Science and Technology and

		using rural women in West Bengal	Region)	Biotechnology, Govt. of West Bengal (Regional level)
2	19 th January, 2018	Altered Expression of DNA Methyltransferases in Biomass using rural women in West Bengal	Micro-Biotechnology for Environment and Cancer Management	Ramkrishna Mission Vivekananda Centenary College (International level)
3	22 nd September , 2016	Alteration in Ribosomal Biosynthesis due to exposure of Biomass Fuel	From Molecules to Ecosystem- A Zoological Perspective	Ramkrishna Mission Vivekananda Centenary College (National level)

CONFERENCES/ SEMINARS/ SYMPOSIUM/WORKSHOPS ORGANIZED:

Sl No.	Start Date	End Date	Title	Organised By	Remarks/ Role
1	7 th February 2021	7 th February 2021	Gender Sensitization (State Level Webinar)	Kanyasree Committee, Dinabandhu Andrews College	Programme Convener
2	12 th February 2021	12 th February 2021	A Tour of Cosmos (State Level Webinar)	Department of Geography, Dinabandhu Andrews College	Programme Coordinator
3	30 th July 2020	30 th July 2020	Health science & Human Diseases (International Webinar)	Department of Zoology, Dinabandhu Andrews College	Programme Convener

SCHOLARSHIP/ AWARD/ FELICITATIONS:

Sl No.	Year/ Month	Details of Awards
1	2018	4th Rank holder and award win at 3rd Regional Science and Technology Congress (South Region), organized by Bidhannagar College and Science and Technology and Biotechnology, Govt. of West Bengal

DETAILS OF RC/ OP/ STC/ FDP:

Sl No.	Name of the Programme	Title of the Programme	Organised By	From Date	To Date	Duration
1	NEP (STC)	NEP 2020 ORIENTATION & SENSITIZATION PROGRAMME [Malaviya Mission Teacher Training Programme (MM-TTP) of University Grants Commission (UGC)]	Burdwan University	3rd June 2024	12th June 2024	10 days
2	RC	Refresher Course in Environment Science	Burdwan University	20th August 2022	2nd September 2022	2 weeks
3	FDP	Advanced Concepts For Developing Moocs	Ramanujan College, University of Delhi	2nd July 2020	17th July 2020	2 weeks
4	RC	Refresher Course in Natural and Biosciences	Burdwan University	24th November 2020	07th December 2020	2 weeks
5	OP	UGC- Sponsored Orientation Programme	Jadavpur University	5th February 2018	6th March 2018	4 weeks