

Faculty Profile Format

1. Personal Details:

- a. Name of the Faculty: **Dr. Biplab Bhowmik**
Academic Degrees: **M.Sc., Ph.D.**
- b. Department: **Zoology**
- c. Designation: **Associate Professor**
- d. Email id: **panchakotbb@gmail.com**
- e. Courses Taught: **Zoology**
- f. Area of Research Interests: **Parasitology**
- g. Teaching Experience [substantive post only]: **≈4 years**
- h. Administrative Experience:
 1. Served as a Departmental Head from **01.06.2019 to 30.11.2021.**
 2. Member of executive council
 3. Member of faculty council, Science
 4. Member of tender committee, DHWU
 5. Court member, DHWU



2. Research Publications [Last 5 Years]: Date of joining in this University on 1st June 2019 (Publication June 2019 onwards)

Serial No.	Title of the Research Paper	Level [international/national/state]	ISBN/ISSN	Name of the Publishing Agency	Year of Publication
1.	A Mononuclear Nickel (II) Complex: Synthesis, X-ray Structure, Spectroscopic Characterization and Anti-tumour Activity.	National	Advanced Chemicobiology Research ISSN: 2810-9414(Print) 2810-9422	Universal Wiser Publisher	2021
2.	A novel taxonomical description of five new species of acephaline gregarines (Protozoa: Apicomplexa: Gregarinomorpha) of the genus <i>Monocystis</i> Stein, 1848 from earthworms of west Bengal, India	National	ISSN: 0256-971X (P) UPJOZ, 42(20): 128-145	MB International Publishing House	2021
3.	Nematicidal	National	ISSN: 0256-971X	MB	2021

	efficiency of some ethnomedicinal plants against <i>Meloidogyne incognita</i> : a review		(P) UPJOZ, 42(24): 1021-1029	International Publishing House	
4.	Role of earthworms as potent bioindicator of soil pollution: A Review	National	ISSN: 0971765X	EM International	2022
5.	Freshwater fish parasite diversity in West Bengal – A review	National	ISSN: 0971765X	EM International	2023
6.	Impact of mosquito gut microbiota on propagating pathogenic infections	National	ISSN: 0256-971X (P) UPJOZ, 42(24): 1021-1029	MB International Publishing House	2023
7.	Application of Biofertilizers in Polyculture: A way towards sustainability	International	ISBN: 987-81-957954-2-0	International Academic Publishing House	2022
8.	Ethno-medicinal properties of some selected holy plants of West Bengal, India.	International	ISBN: 978-81-957954-1-3	International Academic Publishing House	2022

3. Research papers presented in conferences/seminars [Last 5 years]:

Serial No	Title of the Paper Presented	Title of the seminar/ conference	Level [international/national/state]	Name of the organiser	Date
1.	Therapeutic uses of Sanguivorous Arthropods	Insects as food and medicine for human and livestock	International	Achhruram Memorial College, Jhalda	17 th July 2019
2.	Served as chairperson	Snake, snake bite and snake charming: Myth, Reality and Challenges	International	Achhruram Memorial College, Jhalda	4 th December, 2019
3.	Participation	Advances in Chemical Sciences	International	Diamond Harbour Women's University, Sarisha	14 th , 21 st and 24 th September, 2020
4.	A treatise on free radical in	Current trends in Chemistry	International	Diamond Harbour	10 th January,

	the basis of human life (poster)	(ISCTC- 2020)		Women's University, Sarisha	2020
5.	Structure and biology of two endoparasitic aseptate gregarines (Protozoa: Apicomplexa: Eugregarinida) from earthworms (Annelida: Oligochaeta) of West Bengal (poster)	Advancements in the Diagnosis and Sustainable Control of Parasitic Diseases	National	Tamil Nadu Veterinary and Animal Sciences University, Chennai	10 th – 12 th November , 2022
6.	Isolation and identification of major parasitic fauna from estuarine fishes of West Bengal, their control by combination of bioactive molecules and metal nanoparticles (oral)	Advancements in the Diagnosis and Sustainable Control of Parasitic Diseases	National	Tamil Nadu Veterinary and Animal Sciences University, Chennai	10 th -12 th November , 2022
7.	Application of nanoparticles against parasites of fishes as a novel tool of disease control (oral)	Chemistry in daily life	International	Diamond Harbour Women's University, Sarisha	24 th November , 2022
8.	Behavioural response of earthworm as a tool for studying soil pollution (poster)	Chemistry in daily life	International	Diamond Harbour Women's University, Sarisha	24 th November , 2022
9.	Served as convenor	National symposium on Evolution of	National	Diamond Harbour Women's	25 th November , 2022

		<i>Homo sapiens</i> : Through the looking glass of ancient DNA		University, Sarisha	
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4. Research Projects: NIL

Serial No.	Title of the Research Project(s)	Funding Agency	Date of Award	Duration of the Project	Research Grants Amount	Status of the Project

5. E-learning material, if any: NIL

Course Details	Name of the Institution	Date/year of uploading	Quadrant I, II, III, IV	Link

6. Research Supervision (Ph.D.)

Serial No.	Name of the student	Research Topic	Name of the institution	Date of Registration	Year of Award of the Degree
1.	Chayanika Roy	Parasitology	DHWU	18.10.2022	
2.	Bipasa Dey	Parasitology	DHWU	18.10.2022	

7. Programmes Conducted / Organised as Convener / Organising Secretary at DHWU [Last Five Years]

Serial No.	Date	Name of the Programme	Sponsored By	Acted as
1.		International Webinar on Challenges and Prospects of Cancer therapeutics	Department of zoology, DHWU	Organising secretary
2.		National symposium on Evolution of <i>Homo sapiens</i> : Through the looking glass of ancient DNA	INSA, Kolkata chapter in collaboration with Diamond Harbour Women's University	Convener

8. Other Relevant Information, if any:

Serial No.	Achievements / Awards	Assignment Details [Membership of Professional Bodies/Editorial Board/BOS/BORS etc.]
		<ol style="list-style-type: none"> 1. Member PGBOS, DHWU 2. Member BORS, DHWU 3. Internal RAC member, DHWU 4. Centre In-Charge for Ecology and Biodiversity from 25.07.2022 (For a period of next two years) 5. Acted as Reviewer of Journal of Parasitic Diseases, Springer

Date: 12/04/2023