

# Faculty Profile

## 1. Personal Details:

- a. Name of the Faculty: Dr. Shantanabha Das
- b. Academic Degrees: M.Sc., Ph.D.
- c. Department: Zoology
- d. Designation: Assistant Professor
- e. Email id: shantanabha2008@gmail.com
- f. Courses Taught: M. Sc.
- g. Area of Research Interests: Immunology & Molecular Parasitology -
  - Vaccinology
  - Immunotherapy
  - T cell and B cell biology
  - Host-pathogen interaction
- h. Teaching Experience:
  - July, 2019 - Till date - Assistant Professor in Department of Zoology, DHWU, West Bengal, India
  - February, 2015 – July, 2019 - Assistant Professor in West Bengal Education Services, Department of Higher Education, Govt. of West Bengal
- i. Administrative Experience: Officiating Coordinator, Department of Botany, DHWU (July 2020 – November 2022)



## 2. Research Publications [Last 5 Years]:

Serial No.	Title of the Research Paper	Level [international/national/state]	ISBN/ISSN	Name of the Publishing Agency	Year of Publication
1	Antimony resistance mechanism in genetically different clinical isolates of Indian Kala-azar patients	International	2235-2988	Frontiers in Cellular and Infection Microbiology	2022
2	Modulation of Splenic B	International	2076-0817	Pathogens	2021

	Cell Subsets during Experimental <i>Leishmania donovani</i> Infection in BALB/c Mice.				
3	Short-Course Treatment With Imipramine Entrapped in Squalene Liposomes Results in Sterile Cure of Experimental Visceral Leishmaniasis Induced by Antimony Resistant <i>Leishmania donovani</i> With Increased Efficacy.	International	2235-2988	Frontiers in Cellular and Infection Microbiology	2020

### 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	Modulation of Host Lymphocyte Subsets by Pentavalent Antimony Sensitive and Resistant	National Seminar on Advancement of Biology in the 21st Century	National	Department of Zoology, Visva Bharati	February 28-29, 2020

	<i>Leishmania donovani</i> Parasites				

#### 4. Research Projects:

Serial No.	Title of the Research Project(s)	Funding Agency	Date of Award	Duration of the Project	Research Grants Amount	Status of the Project
1	Preclinical assessment of combination treatment with specialized pro-resolving lipid mediators (SPMs) and established plant-derived anti-oxidant compounds in alleviating severe inflammation	SERB	January 2022	2 yrs	Rs. 32 lakh	ongoing

#### 5. E-learning material, if any:

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

#### 6. Research Supervision (Ph.D./M.Phil.)

Serial No.	Name of the student	Research Topic	Name of the institution	Date of Registration	Year of Award of the Degree

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

Serial No.	Date	Name of the Programme	Sponsored By	
1.	29.09.2020	One Day International Webinar - Challenges and Prospects of Cancer Therapeutics		Convener
2.	25.11.2022	One Day National Symposium on Evolution of <i>Homo Sapiens</i> : Through the looking-glass of ancient DNA	Indian National Science Academy (INSA) – Kolkata Chapter	Member of Organizing Committee

#### 8. Other Relevant Information, if any:

Serial No.	Achievements / Awards	Assignment Details [Membership of Professional Bodies/Editorial Board/BOS/BORS etc.]
1.	Member of BOS	Member of BOS, Dept. of Zoology, DHWU
2.	Member of BORS	Member of BORS, Dept. of Zoology, DHWU

**Date: 12.04.2023**