

Faculty Profile Format

1. Personal Details:

- a. Name of the Faculty: Priya Roy
- b. Academic Degrees: M.Sc., Ph.D.
- c. Department: Zoology
- d. Designation: Assistant Professor
- e. Email id: roypriya.zoo@dhuw.ac.in/ royprya12@gmail.com
- f. Courses Taught: M.Sc.
- g. Area of Research Interests: Vector Biology
- h. Teaching Experience [substantive post only]: 4 years
- i. Administrative Experience: Nil



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.	Exploration of antifilarial activity of gold nanoparticle against human and bovine filarial parasites: A nanomedicinal mechanistic approach	International	ISSN 0927-7765.	Elsevier	2018
2.	Highly Sensitive Ratiometric Chemosensor and Biomarker for Cyanide Ions in the Aqueous Medium	International	2470-1343	American Chemical Society	2018
3.	A New Lysosome-Targetable Turn-On Fluorogenic Probe for Carbon Monoxide Imaging in Living Cells	International	0003-2700 (print) 1520-6882 (web)	American Chemical Society	2018
4.	Development of novel anti filarial agents using carbamo (dithioperoxo) thioate derivatives	International	ISSN 2772-4174	Elsevier	2018
5.	A Highly Selective Fluorescence Turn-On Probe for the Sensing and Bioimaging of Hypochlorite Anion in Aqueous Media	International	Online ISSN:2365-6549	Wiley Online Library	2018
6.	Influence of autophagy, apoptosis and their interplay in filaricidal activity of C cinnamoyl glycosides	International	0031-1820 (Print), 1469-8161 (Online)	Cambridge Core	2019
7.	Ethno-medicinal properties	International	978-81-	International	2022

	of some selected holy plants of West Bengal, India.		957954-1-3	Academic Publishing House	
8.	Impact of Mosquito Gut Microbiota on Propagating Pathogenic Infections	National	0256-971X (P)	Uttar Pradesh Journal of Zoology (MB International Media and Publishing House.)	2023

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.	A comprehensive study of ROS mediated filaricidal and mosquitocidal activities of silver nanoparticles	International Conference On "Chemistry in Daily Life" (ICCDL-2022)	International	Dept. of Chemistry, DHWU	24.11.2022

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

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 on Challenges and Prospects of Cancer Therapeutics	Department of Zoology, DHWU	Convener
2.	25/11/2022	One Day National Symposium on Evolution of Homo sapiens: Through the looking-glass of ancient DNA	INSA-Kolkata Chapter in collaboration with Dept. of Zoology, DHWU	Member

8. Other Relevant Information, if any:

Serial No.	Achievements / Awards	Assignment Details [Membership of Professional Bodies/Editorial Board/BOS/BORS etc.]
		1. Member PGBOS, DHWU 2. Member BORS, DHWU 3. Internal RAC member, DHWU

Date: 18.04.2023