Curriculum Vitae

Dr. Bishnu Goswami
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Education

- **2018-2024:**PhD in Zoology, Department of Zoology, University of Burdwan, India. **First one in batch to get the prestigious CSIR-UGC NET JRF National Fellowship.**

- **Supervisor:** Dr. Sarmila Pal, Associate Professor, Department of Zoology, Hoogly Mohsin College, Chinsurah, India.

- **Thesis title**: "Identification of Geospatial Distribution of Mosquito Vectors along with their Breeding Habitats in a rural area Of Purba Bardhaman and Prototypic Application through Informational Technology With Long-Term Multidisciplinary Prospects"

- **2017**:Master of Science(M.Sc.)in Zoology, Department of Zoology, University of Burdwan, India. **Final Semester GPA: 8.87**

- **2015:** Bachelor of Science (B.Sc.)in Zoology, Burdwan Raj College, University of Burdwan, India. **First Class.**

Research and Professional Experience

- Senior Research Fellow (Govt. of India) working on Vector Biology(2020-2023):University of Burdwan

- Former Junior Research Fellow (Govt. of India) working on Vector Biology(2018-2020).

- Qualified CSIR-UGC NET Life Sciences, 2016 June: Qualified with both Lectureship and Junior Research Fellowship.

Certificates

1) Cisco Certified on "Computer Hardware Basics".

2) Economic Democracy: The Cooperative Alternative; by EdinburghX .

3) Introduction to Linux; By LinuxFoundationX.

4) Introduction to Python for data science; By Microsoft.

5) IBM Certified on "Data Science Foundations".

6) IBM Certified on "Deep Learning Essentials".

7) Cisco Certified on "Introduction to Cybersecurity".

8) Cisco Certified on "Engaging Stakeholders for Success".

9) Great Learning Certified on "Project management".

Publications

First author articles only

1. **(Pre-print) "A study on the seasonal distribution of mosquito vectors and a multidimensional approach towards their eradication using perception surveys on mobile software with concepts of AI among college students in Purba Bardhaman, India"**
Bishnu Goswami, Sarmila Pal

2. **Introduction of two new programming tools in Bengali and measurement of their reception among high-school students in Purba Bardhaman, India with the prototypic inclusion of a vector-biology module.**
Bishnu Goswami, Sarmila Pal
Education and Information Technologies (2022): 1-23. Springer-Nature Group (IF: 5.5)

3. **Variation of Vermicompost Quality Produced by Different Earthworm Species using Rural and Urban Garbage.**
Bishnu Goswami, Tanushri Mondal, Nirupama Goswami and JagatpatiTah
International Journal of scientific research (ISSN 2247-8179) IF 3.58

4. **Use of software and extended precision of Finney's table using probit analysis.**

Bishnu Goswami, JagatpatiTah

International journal of scientific research. IF 6.391(2015)

5. **A primary survey for the novel synthesis of methods to combat vector-borne diseases and related long term management**

Bishnu Goswami, Sarmila Pal, Deb Prakash Pahari

Asian Journal of Advances in Research. (Vol 5 Issue 4)

6. **Multi-pronged survey and prototypical information technology application against vector-borne disease in Noakhali, Bangladesh**

Bishnu Goswami, Sarmila Pal, Kapil Ghosh

Uttar Pradesh journal of Zoology (Web of Science+UGC-Care Listed, ISSN: 0256-971X)

7. **Introduction of a new programming tool, bsm, for vector biology and public health and measuring its likability using an online survey**

Bishnu Goswami, Sarmila Pal

International Journal of Entomology Research(Web of Science+UGC-Care Listed, ISSN: 2455-4758)

8. **A correlative study of mosquito breeding habitats in a rural region of West Bengal, India**

Bishnu Goswami, Sarmila Pal

Uttar Pradesh journal of Zoology (Web of Science+UGC-Care Listed, ISSN: 0256-971X)

Some book chapters/books (full list in personal website listed on top)

Book chapter(s)

1	Life as Basic Science: An Overview and Prospects for the Future	**Sustainable basic science: New avenues in vector biology and a novel artificial intelligence paradigm for research in public health.**	Dr. Bishnu Goswami, Prof. Ashis Kumar Panigrahi	ISBN: 978-81-969828-9-8

Books

1	51 Tips to crack NET Life Science (JRF), published December 2016	Bishnu Goswami	ISBN-13: 978-1520246161;ISBN-10: 1520246161
2	Fundamental strategies for NET LIFE SCIENCES: Innovative ideas, discussions and secrets.	Bishnu Goswami, Dr.Nirupama Goswami	ISBN-10: 1977026540 ISBN-13: 978-1977026545
3	Progressive Web Apps for Social Development	Bishnu Goswami, Rohin Chatterjee	ISBN-10: 1096165880 ISBN-13: 978-1096165880
4	BongoJontro: Dual Language Edition	Bishnu Goswami	ASIN: B07VNZXJQS
5	Computing India: Our journey to make coding accessible to the masses	Bishnu Goswami	ISBN-13: 979-8441302890

Conference Presentations

1) Variation of Vermicompost Quality Produced by Different Earthworm Species using Rural and Urban Garbage.
Bishnu Goswami. Nirupama Goswami and Jagatpati Tah
International Journal of scientific research (ISSN 2247-8179) IF 3.58

2) Development of awareness for conserving natural flora special emphasis with the medicinal plants and their proper commercial utilization in Indian sub-continent.
Bishnu Goswami
Poster, World Science Congress 2015

3) BScript- A new interface software for quick development.
Bishnu Goswami
International Science Congress association Abstract book. (8th and 9th Dec, 2015)

4) Innocuous encryption using images.
Bishnu Goswami
Poster, World Science Congress 2016

5) Use of software and extended precision of Finney's table using probit analysis.
Bishnu Goswami, JagatpatiTah
International journal of scientific research. IF 6.391(2015)

6) Transgenic Fish
National Conference on Advances of Life Sciences and Radiation Biology, the University of Burdwan(joint)

7) Automated Questionnaire Using Fischer-Yates Shuffle
Poster, International Science Seminar, organized byBurdwan Raj College and Indian Chemical Society

8) Affordable Hardware and Approachable Software in ICT for development.
Poster, 2nd regional Science and Technology Congress, West Bengal

9) Inventory Manager-Autonomous Technology for Laboratories.
Poster in Shyamsundar college seminar "Science: Past, Present and Future"

10) Interfacing technological systems in software for affordable public health solutions.
Oral Presentation in "International Conference on Frontiers in Biological, Environmental and Medical Sciences, Burdwan 2018".

11)BBTech- A beginner oriented coding tool for Biotechnology.
Poster in the international conference "Biotechnology: A paradigm shift in Health and Agriculture", organized in Adamas University.

12) Progressive Web Apps and Web Assembly in the Biology of Tomorrow.
In the Golden Jubilee International Conference on Trends in Zoology, 2019.

13) The relevance of some ancient dominant texts in modern biodiversity management
Oral Presentation in the 'Seventeenth Annual Conference of Bharata Vidya Charcha Kendra', 2019.

14) C-Pterido: A prototypic software platform for Pteridophytic identification using external keys.
In the International Conference on 'Next Generation Pteridology: The Indian Perspective", 2019.

15) Culture, society and politics: Is there a new colonial period?
In the ICSSR sponsored National Conference on Culture, society and Politics: Colonial and post-colonial period, 2020.

16)Further developments of C-Pterido
In the XVI Conference of the Indian Fern Society, 2022

17)The use of Bongojontro for budding researchers in chemistry
In the Virtual Conference on Chemistry and its applications, endorsed by IUPAC, by University of Mauritius 2022

18)   Evolving scopes of Information Technology and social inclusion for vector-borne disease elimination
Oral presentation in 2-day national seminar "Popular and Basic Sciences: A quest towards foundation of science" organized by Sarat Centenary college, Dhaniakhali, Hoogly, W.B, 2022.

19) Ferns against the deadliest of man's enemies: Creating a geospatial dashboard

Oral presentation in 3-day national XVII Annual conference of The Indian Fern Society being organized by Mansarovar Global University.

20) Mitigating crisis and enhancing sustainability through the equitable framework of the Bongojontro software
Poster presentation in the 3-day international seminar entitled "9th International Conference on Environment and Ecology" held in the University of Burdwan, 2023.

21) Betel leaves: Greater roles in public health and climate change preparedness.
  Oral presentation in 3-day national conference organized by the Ladakh University in collaboration with AYUSH