

## **Biodata**

- 1. Name:** Dr. Priyanki Sharma
- 2. Sex:** Female
- 3. Date of birth:** 01/05/1983
- 4. Nationality:** Indian
- 5. Address for correspondence:** Department of Zoology  
Nowgong College (Autonomous)  
Nagaon, Assam  
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- 7. E-mail address:** [priyanki65696@gmail.com](mailto:priyanki65696@gmail.com)
- 8. Academic qualifications:** MSc., M.Phil., PhD

### **Educational qualification:**

1999 HSLC First division , S.E.B.A.

2001 HSSLC First division, A.H.S.E.C.

2004 B.Sc. FirstClass with 4th rank in University with Distinction, (Zoology Honours), Gauhati University, Assam.

2006 M.Sc. First Class with 3rd rank (Zoology, Specialization in Physiology and biochemistry), Gauhati University, Assam.

2008 M.Phil in Zoology with first class from Department of Zoology, Gauhati University

2018 Ph.D from Gauhati University on the topic “ Studies on diversity of six strains of eri silk worm strains *Samiaricini* Donovan based on biomolecular markers” under the guidance of Professor Jogen Chandra Kalita of Department of Zoology of Gauhati University.

### **Professional experience:**

**Teaching:** 15 years of undergraduate and senior secondary teaching; 8 years of Postgraduate teaching.

### **Other Qualifications:**

- Qualified State Level Eligibility Test for Lectureship (SLET) in Life Sciences for North Eastern States -2010
- Secured 1st class 3rd rank in the M.Sc. Zoology Exam conducted by Gauhati University, 2006 and 1<sup>st</sup> class 4<sup>th</sup> Rank in BSc. Zoology from Gauhati University in 2004.
- 6months Certificate course of Computer Application.
- Diploma in Computer application and certificate course in Tally
- Certificate on ICT training programme organized by IIT,Guwahati

### **Publications:**

1. P.Sharma, J.C.Kalita "Estrogenic effects of Bisphenol A and Octylphenol on reproductive health of male albino mice."2013 *International journal of pharmaceuticals & biological archives*,4(1),188-194.ISSN 0976-3333.
2. P.Sharma, J.C .Kalita "A Comparative Study on six strains of Eri silk worm (Samiaricini; Donovan) based on morphological traits." 2013. *Global Journal of Biosciences and Biotechnology*,2(4),506-511.ISSN 2278-9103.
3. P.Sharma, J.C.Kalita "Estrogenic effect of Biphenol-A and Octylphenol on Serum Cholesterol level of Albino mice." 2014. *International journal of Pharmacology and Toxicology*. 4(1),57-61, ISSN-e-2249-7668,print 2249-7676.
4. P.Sharma, "A study of the chemicals present in our daily used products and their effects on Human health."2014. *Sonari College Academic and research journal*,3,135-143.ISSN 2321-015X
5. P.Sharma, J.C.Kalita "Comparative study on tensile properties of silk fibres of different erisilkworm strains, *Samia ricini*(Donovan),2017. *NeBio*, an international journal of Environment and Biodiversity.Vol.8No.2.June .,121-123.
6. P.Sharma,J.C.KalitaHaemolymph protein estimationin six different strains of eri silk worm,*Samiaricini* (Donovan).2017.*Journal of Entomology and Zoology studies*.Vol 5,Issue (2)677-680.
7. P.Sharma,J.C.Kalita, Compative study on the rearing performance of six strains of eri silkworm Samiaricini (Donovan) in four different seasons. *IOSR journal of Pharmacy and Biological Sciences* Volume 12(3),p-13-18.2319-7676.
8. P.Sharma, Najmakhatun,RupamBuglary. Ethnozoological study of medicinal use of animals and their products among the indigenous people of Karbi tribe of KarbiAnglong ,Assam, India (2022) .*Uttar Pradesh Journal of Zoology*.Volume 43,issue 10 Page:31-44.
9. Comparative analysis of the effects of cold storage conditions on the proximate composition ,vitamin and mineralcontent of the freshwater Fish species, *Labeo rohita* (Hamilton,1822)., *Indian Hydrobiology*, 2(2):387-394,2024.
10. Effects of malathion toxicity on the haematological , genotoxic and histological parameters of *Clarius batracus* (Linnaeus,1758),*Journal of Aquatic biology and fisheries* (2024) 12(1) Pp 78-82.
11. Comparative analysis of proximate , amino acid and mineral content of two fresh water Fish

species, *Wallago attu* and *Heteropneustes fossilis* and their quality restorations with the use of Additives during cold preservation. Egyptian Journal of Aquatic biology and fisheries, Zoology Department , Faculty of science, Ain Shams University, Cairo, Egypt ISSN1110-6131,Vol.28(5) 1173-11198(2024).

12. Comparative evaluation of change in organoleptic, proximate and vitamin content of Freshwater Fish species, *Heteropneustes fossilis* at various duration of Low temperature preservation. *Environment and Ecology* 42(3B):1449-1457,july-september2024.ISSN-0420.

13. Detection of Heavy metal accumulation and potential health risk assessment of selected fish species from kolong river, Assam, India. *Toxicology international* 31(4): 657-667: 2024.

14. Qualitative detection of formaldehyde in challani fish obtained from selected fish markets of Nagaon, Assam, *Discover environment. India*(2024) 2:26

Sequences submitted to Genbank and accession numbers received: total six

**Dr. Priyanki Sharma (Seminar/conference)**

1. Paper presented on National seminar organized by the Deptt. of Botany, Nowgong College, Assam on 9th-10th December 2013 (Title: Scientific discernment: An indispensable condition to minimize the ill effects of environmental chemicals).
2. Presented on the National seminar organized by the Deptt. Of Botany, Morigaon college, Assam on 27th-28th June 2014. Topic title: The pest control measures adopted by the small and big Tea gardens and their effects on the tea laborers: A study on the tea gardens of Sonari, Sivasagar.
3. Presented on International conference on Disease biology and Therapeutics organized by Institute of Advanced Study in Science and Technology (IASST), Guwahati on 3rd and 5th December 2014. Topic: An Exploration of some medicinal plants used by the people of Chutia ethnic group of Moran of Sivasagar District (Assam).
4. Presented on National seminar organized by Moran Mahila Mahavidyalaya, Moran, Sivasagar on 23rd- 25th August 2014. Topic title: Growing reproductive health problems among the women of different reproductive age groups-a study carried in different areas of Nagaon district.
5. Presented on National seminar organized by the Deptt. Of Botany, Morigaon college, Morigaon on 27th-28th June 2014. Topic title: Cultivation of short term MAP crops in rice fields of Assam, India.
6. Morphophysical characterization of cocoons of different strains of eri silkworm *Samia ricini* (Donovan) Integrated Approach in Zoological Research" organized by Zoology department, G.U and ZSA from 30-31st March, 2018.
6. Two week Faculty Development programme on ICT tools for classroom teaching organized by E&ICT Academy, IIT Guwahati from 6-21 September, 2017, E&ICT Academy, IIT Guwahati.
7. Presented paper on National seminar organized by Department of Zoology, ADP college on the " A Comparative study of moths of six strains of eri silk worm *Samia ricini* (Donovan) based on their morphometrics."
8. Presented Paper on international conference organized by Hojai college in collaboration with Indian Institute of Entrepreneurship and supported by Assam tourism development corporation on the topic Eri silk worm, *Samia ricini* (Donovan) strains : their potentiality and future prospects in Assam (2020)
9. Paper presented on International Conference on "Integrated Approaches towards Sustainable Management of Environment for Safe Food, Nutrition and Improved Health" Organized by Department of Ecological Studies and International Centre for Ecological Engineering & Department of Food and Nutrition University of Kalyani in collaboration with Kochi University (Japan), Institute of Hydrobiology of the NAS of Ukraine (Ukraine), Universiti Sains Malaysia (Malaysia) and Hanoi University (Vietnam) Date: December 15 to 17, 2021 on the topic A STUDY ON BEHAVIOURAL RESPONSES AND EVALUATION

Of

GENOTOXICITY ON THE FRESHWATER FISH *Channapunctatus* (BLOCH) ON EXPOSURE TO SUBLETHAL CONCENTRATION OF PROFENOFOS.

9. Presented paper on National seminar on Recent advances in Biological Science : biodiversity and human welfare organized by department of Zoology, Darrang College, Tezpur in collaboration with Zoological society of Assam and IQAC Darrang college on the topic A pilot study on food adulteration practices and its awareness among people in Nagaon, Assam on November 18<sup>th</sup> to November 19<sup>th</sup>, 2023.

**FDP, Orientation programme and Refresher course attended:**

Name of the course	Place	Duration From –To	Sponsoring Agency
UGC-sponsored Orientation programme (OP-120)	HRDC- Gauhati University	31 <sup>st</sup> July to 20 <sup>th</sup> August, 2019	UGC-MHRD
Refresher course on life sciences	HRDC- Gauhati University	15 <sup>th</sup> March to 28 <sup>th</sup> March 2021	UGC-MHRD
ICT tools for classroom Teaching	Nowgong College	6 <sup>th</sup> Sept to 21 <sup>st</sup> Sept 2017	E and ICT academy, IIT Guwahati supported by Ministry of Electronics and information technology, Govt of India
One week faculty development programme on mentoring pedagogy and teaching techniques for higher Education.	Online	One week from 8 <sup>th</sup> to 15 <sup>th</sup> June 2020	Organized by E and ICT academy, IIT Guwahati
FDP on Electronic publishing tools for E-learning	Online	2 <sup>nd</sup> June (one day)	Conducted by ICT academy
Two day workshop on ICT based pedagogy	Nowgong College	13 <sup>th</sup> and 14 <sup>th</sup> August, 2020	Organized by IQAC Nowgong college in collaboration with Teaching learning centre, Tezpur University.

## **Book Chapters:**

1. Genetic Diversity among six strains of eri silk worm *Samia ricini* Donovan based on 16S ribosomal RNA (16S rRNA) gene sequences. Kaleidoscope, Chief Editors: Dr. Jogen Chandra Kalita and Shyamanta Chakraborty. Published by AAN\_A creative Line, Guwahati. ISBN: 978-81-938937-3-9
  2. Hazardous chemicals of our environment. *Society and Environment*. ISBN-978-81-924066-6-4.
  3. A study on traditional therapeutic use of plant and animal based medicine used by Tiwa community of village Barkola of Nagaon, Assam. Traditional knowledge. Pp: 136- ISBN: 978-81-19414-94-9.
4. Membership:
1. Life Member, Assam Science Society.
  2. Life Member, Zoological Society of Assam

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