

## Faculty Profile

**Name:** Dr. Somerita Panda  
**Designation:** Assistant Professor  
**Department:** Zoology  
**Affiliation:** Kaliachak College, Sultanganj, Malda  
**Date of Joining:** 08.11.2019  
**Experience:** 1.5 Years  
**Personal Contacts:**  
**Residence:** 3/250 & 4 Bhupatinagar, P.O. Tengunia  
P.S.- Contai Dist: East Medinipur Pin: 721401, West Bengal  
Email ID: [someritapanda@gmail.com](mailto:someritapanda@gmail.com)  
Phone No. : +91- 8583957526



### 1. Academic Qualification

Examinations	Subjects	Board/University	Year of Passing
Madhyamik	Science	W.B.B.S.E	2001
Higher Secondary	Science	W.B.C.H.S.E	2004
B.Sc (HONS)	Zoology	Vidyasagar University	2007
M.Sc	Zoology ( <b>Spl.Paper: Ecology</b> )	Vidyasagar University	2009
PhD	Zoology Thesis Title: “Studies of some parasitic and bacterial diseases of carps with emphasis on control measures.”	University of Kalyani, Kalyani. W.B	The Ph.D degree has been awarded in 25 <sup>th</sup> February’2014 in accordance with the provisions of UGC Regulation’2009 under the guidance of Prof. P.K.Bandyopadhyay.

### 2. Specialization

1. Parasitology
2. Ecology

### 3. Working Experience:

1. Started Career as a University Research Scholar in the DST funded project at University of Kalyani, Department of Zoology under the guidance of Late Prof. P.K. Bandyopadhyay from 2010- 2014.
2. Worked as a Contractual PG Faculty in PG Department of Zoology at Tamralipta Mahavidyalaya, Tamruk, East Medinipur from 2014 upto Sept. 2019.
3. Currently joined as an Assistant Professor at Department of Zoology in **Kaliachak College, 08<sup>th</sup> Nov 2019.**

### 4. Publications:

- S.Banerjee, J.Chakraborty, S.Panda and P.K.Bandyopadhyay. (2011) “Antibacterial effects of some locally available plant extracts against some fish pathogenic bacteria”. Proceedings of 22<sup>nd</sup> National Congress of Parasitology, The University of Kalyani. 265-270.
- Somerita Panda\*, P. K. Bandyopadhyay and S. N. Chatterjee. (2013)“Characterization of *Pseudomonas aeruginosa* PB112 (JN996498) isolated from infected *Labeo bata* (Hamilton) by 16S rRNA gene sequence analysis and fatty acid methyl ester (FAME) analysis”. African Journal of Biotechnology. 12(4): 400-405.
- Somerita Panda\* and P. K. Bandyopadhyay. (2013) “Chemical information from GC-MS studies of methanolic leaf extract of *Andrographis paniculata* and *Datura metel* and their antibacterial activity against isolated *Pseudomonas aeruginosa*”. International Journal of Pharma and Biosciences. 4(1): 909 – 915.
- Sukanta Majumder, Somerita Panda and P.K. Bandyopadhyay. (2013) “Effect of temperature on the prevalence of different parasites in *Cirrhinus mrigala* Hamilton of West Bengal” Journal of Parasitic Diseases (Springer). DOI 10.1007/s12639-013-0295-4.
- Sukanta Majumder, Somerita Panda, Subarna Ghosh and P.K. Bandyopadhyay. (2013) “Description

of a new species of *Myxobolus* Butschli, 1882 from the *Cirrhinus mrigala* Hamilton, 1822 an edible fish of India” Journal of Parasitic Diseases (Springer). DOI 10.1007/s12639-013-0369-3.

- Subarna Ghosh, Somerita Panda and P.K.Bandyopadhyay (2014) Phytochemical screening and in-vitro antimicrobial activities of *Nyctanthes arbortristis* Linn and *Euphorbia hirta* against three pathogenic bacteria. Proc. Nat. Con. Chal. Bio. Reso .Mang ISBN 978-81-927762-0-0 (1):194-202.
- Somerita Panda, Subarna Ghosh, Probir Kumar Bandyopadhyay (2015) Description of myxozoan parasite *Myxobolus* sp.n PKB2014 from an edible fish, with emphasis on its molecular characterization. Molecular Biology Research Communications;4(4):207-216

#### **Seminar and Workshop Participated:**

- 22<sup>nd</sup> National Congress of Parasitology, The University of Kalyani. 30<sup>th</sup> Oct-1<sup>st</sup> Nov, 2010.
- National symposium on challenges in biodiversity conservation and sustenance. University of Allahabad (A Central University). 17<sup>th</sup>-18<sup>th</sup> March, 2012.
- National Conference on Challenges in Biodiversity and Resource Management. The University of Kalyani, 25-26 February, 2013.
- UGC Sponsored national seminar on Wetland Bio-Resource Management: Problems and Prospects, Tamralipta Mahavidyalaya, 26<sup>th</sup> and 27<sup>th</sup> February, 2016.
- One day National Seminar & Periodic Lecture on Philosophy in Nation Building: at Kaliachak College, Malda, 7<sup>th</sup> March 2020.

#### **Webinar Participated:**

- Two day international webinar 15<sup>th</sup> to 16<sup>th</sup> Sept. 2020 on “SUSTAINABLE BIODIVERSITY FOR SUSTAINABLE LIVELIHOOD” organized by The Department of Botany and Zoology with IQAC, Raghunathpur College.
- One day International webinar on Pedagogical Inventions Research Scenario in COVID -19 Periods and Beyond, organized by Kaliachak College, Malda, 22<sup>nd</sup> June, 2020.

#### **Technical Supportive Skills:**

- Biophysical technique like [uv- spectrophotometry](#). Determination of different enzyme activity spectrophotometrically.
- Hematological techniques like Total and Differential blood cell count, PCV, ESR.
- Estimation of Total protein concentration and different enzymes and blood glucose and cholesterol content.
- Spectrophotometric and titration methods to analyse water and soil quality parameters.
- Different [microbial plating techniques](#) to maintain and detect bacteria culture.
- Efficiently maintained human pathogenic strains of *Aeromonas* sp. , *Pseudomonas* sp. and *Vibrio* sp.
- Different microscopic methods like electron microscopy, phase contrast microscopy, compound microscopy.
- Also have knowledge in [chromatography](#) etc.
- Hands on experience in UV-vis spectrophotometer, medium speed and cooling ultracentrifuge, phase contrast and compound microscope, BOD shaking incubator, Thin layer chromatography and GC-Mass spectrometry.

#### **Training Attended:**

- Course work for the training programme on Methods of Water quality monitoring and management of water pollution, organized by Saviours and Friend of Environment (SAFE), and Environmental Monitoring and Awareness centre, Kolkata on 20<sup>th</sup> May to 22<sup>nd</sup> May 2021 through online mode.

#### **Short-Term Course Attended**

- Online training programme on theme online teaching/ learning/ evaluation organized by Centre for Academic leadership and education management (CALEM) at the UGC HRDC, Aligarh Muslim University, Aligarh from 24<sup>th</sup> March 2021 to 31<sup>st</sup> March 2021.