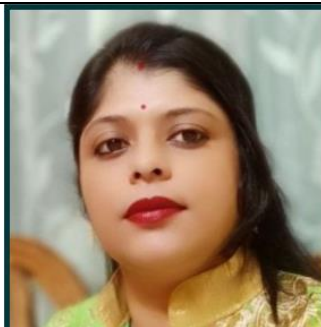


# RESUME

**DR. RAKTIMA BANDYOPADHYAY**  
**STATE-AIDED COLLEGE TEACHER**  
**AKPC MAHAVIDYALAYA**  
**BENGAI, HOOGHLY**  
**WESTBENGAL, INDIA**  
**Email:** [raktima.bioinformatics@gmail.com](mailto:raktima.bioinformatics@gmail.com)



## **ACADEMIC QUALIFICATIONS:**

**M.Sc. in Nutrition -1st Class**  
**M.Sc. in Bioinformatics-1<sup>st</sup> Class**

**Ph.D in Science -University of GourBanga (2020).**

**Title of Ph.D thesis:**

**NUTRITIONAL STATUS AND MICROBIOLOGICAL PROFILING OF FOODS AND BELONGINGS OF CHILDREN IN SOME RURAL AREAS OF WEST BENGAL, INDIA**

## **SPECIALIZATION AND RESEARCH FIELD:**

**Nutrition, Food-Microbiology and Public-Health**

## **Experience Profile (Both Academic & Research):**

<b>Name of the Employer</b>	<b>Teaching Experience</b>	<b>Present Designation</b>
<b>AKPC Mahavidyalaya</b>	<b>More than 10 years [16.07.2012 to till now]</b>	<b>State-Aided College Teacher</b>

**Served as Guest-Lecturer in the Department of “Bio-Medical Laboratory Science & Management” of Vidyasagar University for One Year**

## **TRAINING COURSES COMPLETED:**

<b>INSTITUTION</b>	<b>TOPIC OF WORK</b>	<b>YEAR</b>
<b>Indian Institute of Technology (IIT), Kharagpur, Kolkata Campus, West Bengal</b>	<b>Statistical Modeling</b>	<b>2010</b>
<b>University of North Bengal</b>	<b>Workshop on Bioinformatics</b>	<b>2010</b>
<b>Indian Institute of Technology (IIT), Kharagpur</b>	<b>Bioinformatics in Genomics and Proteomics</b>	<b>2010</b>

<b>Subhasree Biotech, Kolkata</b>	<b>Practical Training on Microbiology</b>	<b>2009</b>
<b>Subhasree Biotech, Kolkata</b>	<b>Industrial Training on Bioinformatics</b>	<b>2009</b>

**LIST OF PUBLICATIONS:**

1. Soumendranath Chatterjee, Priyanka Mukhopadhyay, **Raktima Bandyopadhyay**, Paltu Dhal, Debraj Biswal, Prabir Kumar Bandyopadhyay (2016). Molecular characterization and phylogenetic analysis of *Plasmodium vivax*, *Plasmodium falciparum*, *Plasmodium ovale*, *Plasmodium malariae* and *Plasmodium cynomolgi*. *Journal of Parasitic Diseases (Springer)*. DOI:10.1007/s12639-016-0783-4, 0971-7196.
2. Soumendranath Chatterjee SN, Swapan Kumar Rudra, Syed Afrin Azmi, **Raktima Bandyopadhyay** (2017). Phylogenetic study based on 28S rRNA gene sequencing of *Wuchereria bancrofti* isolated from the filaria endemic areas of Bankura district, West Bengal, India. *Journal of Parasitic Diseases (Springer)*: 41:981- 986. doi:10.1007/s12639-017-0922-6(I.F:0.75)
3. **Raktima Bandyopadhyay**, Syed Afrin Azmi, Soumendranath Chatterjee and Shyamapada Mandal (2017). Molecular Characterization and Antibiotic Resistance of Bacteria Isolated from Food Samples from Hooghly District of West Bengal State, India. *Acta Scientific Pharmaceutical Sciences*. 1.5: 13-18.
4. **Raktima Bandyopadhyay**, Syed Afrin Azmi, Soumendranath Chatterjee and Shyamapada Mandal (2018). Bacteriological analysis of children's bottle water and dishwashing water samples in West Bengal State, India. *European Journal of Biomedical and Pharmaceutical Sciences*. 5(5): 593-597
5. **Raktima Bandyopadhyay**, Sucharita Ghosh, Soumendranath Chatterjee and Shyamapada Mandal (2019). Bacteriological profiling of toys and clothes of children from children's day care centre of Tarakeswar, Hooghly West Bengal, India. *Bioscience Biotechnology Research Communication*.12(1): 99-107
6. Sucharita Ghosh, Arnab Chatterjee, Syed Afrin Azmi, **Raktima Bandyopadhyay**, Surajit Das, Nimai Chandra Saha and Soumendranath Chatterjee (2019). Factors influencing larvicidal activity of Bacillus thuringiensis against filarial vector *Culex quinquefasciatus*. *Asian Journal of Microbiology, Biotechnology and Environmental Science (Global Science Publications)*. 21(2): 239-245
7. Ananda Khamaru, Ishita Saha, **Raktima Bandyopadhyay**, Amar Nath Chakraborty, Sunil Karforma and Soumendranath Chatterjee (2020). Taxonomy of medically important bacterial species through intelligent neural network: a soft computing-based approach. *Bioscience Biotechnology Research Communication*.13 (2): 787-796

8. Ananda Khamaru, Sunil Karforma, Soumendranath Chatterjee, Ishita Saha, **Raktima Bandyopadhyay** (2020). Intelligent Neural Network for Bacteria Classification: An Innovation in Artificial Neural Network. *International Journal of Scientific & Technology Research*. 9(01): 4-11

### **Participated and presented papers at Seminars / Conferences:**

1. **Presented paper** at “**National Level Seminar on Current Research on Biological and Biomedical Science**”, Organised by Department of Zoology, University of GourBanga, held on 9<sup>th</sup> February, 2016
2. **Presented paper** at “**State Level Seminar on Community Nutrition and Health : 21<sup>st</sup> Century Perspective**”, Organised by Department of Nutrition, MUC Women`s College, Burdwan held on 4<sup>th</sup> February, 2017
3. **Presented paper** at “**National Seminar on “Biological Sciences for Human Welfare: Teaching and Research in Modern Perspective**” organised by Department of Zoology, Berhampore Girls` College and sponsored by Department of Higher Education, Science and Technology and Biotechnology (Govt. of West Bengal) held from 29<sup>th</sup> and 30<sup>th</sup> September, 2018.
4. **Presented paper** at “**National Level Seminar on Non-communicable Disease and its Prevention: Challenge with Nutraceutical**”, Organised by Department of Nutrition, MUC Women`s College, Burdwan held on 28<sup>th</sup> February, 2018

### **Acted as Resource Persons**

1. Acted as **Resource person** in the workshop on “**Basic Biological Techniques**” held on Tarakeswar Degree College on 17<sup>th</sup> & 18<sup>th</sup> January, 2015
2. Acted as **Resource person** in the workshop on “**Basic Biochemistry**” held on Tarakeswar Degree College on 9<sup>th</sup> & 10<sup>th</sup> August, 2014

### **Organised Two-Day International Level Webinar:**

Served as **Organizing Secretary** of “**Two-Day International Level Webinar on “Environment, Nutrition and Disease Management**” organized by **Department of Nutrition, AKPC Mahavidyalaya** on 26<sup>th</sup> & 27<sup>th</sup> September, 2020.