



**Partha Sarathi Nandi**

**Assistant Professor of  
Zoology**

**Academic Qualifications:** M.Sc.

1.

**Contact Address:**

*Group leader: Entomology and Applied Entomology*

*Department of Zoology*

*Raiganj University,*

*Dist-Uttar Dinajpur,*

*State-West Bengal-733134, India*

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**Research Interest:**

*In era of research cuts and at the cross road s of Biology with Chemistry and Physics, my group is especially devoted to:*

- *Pest ecology and biology study with special emphasis on mango pest.*
- *To study the natural enemies of orchard pest like mango.*
- *Host –plant insect interaction and analyzing the biochemical basis of cultivar resistance against pest like mealy bug and fruit fly.*
- *Standarising the available IPM practices to curb orchard pest of mango.*

**Specialization:** ENTOMOLOGY AND PEST MANAGEMENT.

**Fellowships:**

1. National scholarship for being first class first in B.Sc Zoology (H). in University of North Bengal .
2. National scholarship for being first class first in M.Sc Zoology University of North Bengal.

**Award (s):**

1. CSIR-UGC-NET JRF, June 2002
2. SLET-2003.(West Bengal).

**Teaching Experience:**

1. Assistant Professor (03.02.2015 to till date) in the Department of Zoology, Raiganj University, Raiganj, West Bengal, India.
2. Assistant Professor (28.02.2007 to 03.02.2015) in the Department of Zoology, Raiganj college(University College),N.B.U.West Bengal India.
3. As a Asst.Prof , in the Department of Zoology,A.B.N Seal college,Coochbehar,West Bengal,India(for the academic year 2006-2007 ).

**Research Experience:** 4 yrs ,Acted as JRF in Molecular parasitology laboratory for 11 months in Indian Institute of Chemical Biology,(CSIR LAB) ,West Bengal ,India.

**Research Guiding Experience:**Nil.

**Ph.D. Scholars:**NIL.

**Post-Doctoral – Research Associate:**

**Completed Research Projects:**Nil

**Ongoing Project :** nil.

**Previous & Present Employment:**

**Administrative Experience:**

1. Acted as with the U.G. board of studies (Department of Zoology University ,University of

North Bengal.

2. Associated with both U.G and P.G. board of studies as an internal member, Department of Zoology, Raiganj University.
3. .Associated as a member of Dissection monitoring committee and animal ethical committee,Raiganj University.
4. Acted as Head of the Department,Zoology,Raiganj college from 2010-12.

**Financial Assistances from following Organisations for attending International Conferences in abroad:Nil.**

**Publications: 07**

**Books:**

**Research Papers: 07**

**Patents: NIL.**

**Technical Report: -NIL.**

**Advisory Editor: -NIL.**

**Special Lectures: NIL.**

**Keynote Addresses: NIL.**

**Country Visited: -NIL**

**Editorial Board Member:NIL..**

**Reviewer of the following Books and Journals: NIL**

**Jury Member: -NIL.**

**LIST OF PUBLICATIONS:**

1. Sarkar,A. ,Chakraborty,K., Nandi P.S 2017. Description, Bionomics and Bio-rational Control of Mango Mealy Bug, Drosicha mangiferae Glover (Coccidae: Hemiptera) at Malda, West Bengal. I.J.S.N., 2017; 5(1): xx-xx (accepted). ISSN-229-6441. 2015
2. Nandi, P.S. & Chakraborty, K. (2015). Effect of temperature ramping on the mortality of mango mealy bug, Droschia mangiferae under laboratory conditions. J. Entomol. Zool. Stud. 3(3):469-474.ISSN:2349-6800.
3. Chakraborty,K., Nandi P.S.,Sarkar,A. 2015. Incidence of mango mealy bug,

Drosicha Mangiferae (Coccidae: Hemiptera) in the agro-climatic conditions of the upper gangetic plain of West Bengal, India. I.J.S.N., VOL.6 (4) : 568-575.ISSN-229-6441.

4. Rath,P.C.,Chakraborty,K.,\*Nandi,P.S.Moitra,M.N.2015. Field Efficacy of some new insecticides against rice stem borer and gundhi bug in irrigated rice ecology.Int.J.Pla.Ani and Env.Sci.Vol,5: 94-96. ISSN-2231-4490. 2014
5. Nandi.P.S.2014. Multi drug resistance in Staphylococcus aureus: Current status and combined antibiotic therapy as the emerging option of treatment. Indian J. Soc. Nat. Sci. 3: 124-148. ISSN 2277-6117.
6. Roy,G.C.,Chakraborty ,K., Nandy,P.S.,Moitra,M.N.2014. Pros and Cons of Curcumin as Bioactive PhytoCompound for Effective Management of Insect Pests .American Scientific Research Journal for Engineering, Technology, and Sciences (ASRJETS) (2014) Volume 7, No 1, pp 31-43. ISSN (Print) 2313-4410, ISSN (Online) 2313-4402. 2011
7. Nandi,P.S.,Chakraborty, K.2011.Juvenoids and anti-juvenoids as third generation pesticide to control Lepidopteran field crop pests.Ind. Str. Res.J.Vol.1:537-549.ISSN:2230-7850.

**Patent (s): 00.**

**Conference/Seminar/Organisation:**

**Publication in International/ national academic seminar/ Conference/ Workshop:**

1. Secretary- in the national seminar on 26th March, 2017 organized by department of Zoology.
2. Presented five papers in the Dept of Zoology, Botany, Chemistry, , Microbiology in the national seminars held in 20016-17.
3. Presented paper on the international seminar organized by Raiganj University and Geography Department,Raiganj University.
- 4.Presented a paper on macrofaunal diversity of Vizag sea shore at Surendranath Mahavidyalaya,Raigangj.