

Personal Profile

- a) **Name:** MRS. APARNITA NANDI ROY
- b) **Qualification:** M.Sc. (Visva-Bharti University), M.Phil. (Burdwan University)
- c) **Designation:** SACT-II
- d) **Specialization:** Environmental Biology
- e) **Date of Birth:** 19/11/1973
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- h) **Residential Address:** C/O Suvrangu Roy
Rilly Apartment
Sanghatipally, Guskara
P.O. Guskara, District: Purba Bardhaman
Pin: 713128.
- i) **Date of Joining in the College:** July 21, 2006
- j) **Period of Service in other College/Institution:** Part time lecturer in Bolpur College from 1998 to 2000. Part time lecturer in Guskara Mahavidyalaya from 1999 to 2001
- k) **Total Teaching Service:** 14 ½ Years
- l) **Courses Taught:** B.Sc. (Honours & General)

m) **Subjects Taught:** Zoology, Environmental Studies & Nutrition (Honours)

n) **Academics:**

Examinations Passed	Institutions	Board/ University	Year of passing	Subject	Percentage of Marks	Division/ Class	Remark
Secondary	Provabati Balika Vidyalaya, Mogra; Hooghly	W.B. Board of Secondary Examination	1990	Bengali;English; Phy. Sc.;L. Sc. Math-Hist-Geog- W. Ed-Phy.Ed & Biol (Add. Sub)	72.4%	I	1. Letter Marks in Mathematics, Life Sciences.
Higher Secondary	S.B. College Bagati; Mogra Dt: Hooghly	W.B. Council of Higher Secondary Education	1992	Bengali; English; Physics; Chemistry; Biology; Mathematics	61.2%	I	
B. Sc.	Visva-Bharti University	Visva-Bharti	1995	Major Subject Zoology (Life Sciences) Minor Subject Chemistry, Physics	67.1%	I	1. Rank: 4th 2. Distinction in Minor Subjects
M. Sc	Visva-Bharti University	Visva-Bharti	1997	Zoology (Specialisation: Environmental Biology)	67%	I	Rank: 2nd
M. Phil	Entomology Research Laboratory, Department of Zoology	Burdwan University	1999	Zoology	76%	I	Rank: 3rd

o) **M.Phil. Subject: Zoology**

Title of the Dissertation: Digestive Enzymes in three species of insects- a preliminary study.

Work Station: Entomology Research Laboratory; Department of Zoology.

Registration: Burdwan University

Year of Award: January, 1999.

Brief Summary:

In this investigation attempts have been made to study the distribution and activity of digestive enzymes amylase, protease, and lipase in three different insects.

Three Hemimetabolous insects viz. *Periplaneta americana* (Order: Dictyoptera), *Oxya chinensis* (Order: Orthoptera) and *Pantala flavescens* (Order: Odonata) with different feeding habits were selected for the study. The first one was omnivorous, the second one was herbivorous while the third one was carnivorous.

The activity of all the enzymes were at the highest level in the midgut of the three insects. The activity in most cases with respect to enzymes under study was higher in the foregut than in the hindgut.

Probable reasons for the variation in the activity in different gut fractions in insects under study have been suggested.

p) **Co-curricular and Extra-Curricular Activity:**

- (i) Internal Examiner of the Zoology Practical Examination of The University of Burdwan.
- (ii) Examiner of Zoology (Honours and General) of The University of Burdwan (project and theory)
- (iii) Examiner of Environmental Studies Examination of The University of Burdwan (project and theory)
- (iv) Organized and participated in the yearly Educational tours for the Zoology students.

q) **Publication:**

Biswas, A., **Nandi Roy, A.**, Banerjee, T., Ghorui, N., Khatun, S., Sen, S. (2017) A preliminary study on the Ecological Health of Aquatic sources of Guskara. *JOIS: The Journal Of Interdisciplinary Study*, Volume-6, 94-96, ISSN: 2395-325X

r) **Webinars attended:**

1. **International Web-conference on “Climate change and human health”** organized by Tufanganj Mahavidyalaya and Ananda Chandra college, held on 7th August,2020.
2. **One Day International Webinar on “COVID-19 and recent trends in global health and health care”** organized by Department of Life sciences in association with IQAC, Hooghly Women’s College held on 30th July,2020.
3. **“Awareness programme on Plight of Asian and African Elephants”** organized by Durgapur Wildlife Information and Nature Guide Society (WINGS) and Guskara Mahavidyalaya held on 12th August,2020.

4. **International Webinar on “The Eve of World Conservation Day”** organized by IQAC, Department of Zoology and Department of Botany, Guskara Mahavidyalaya and Hariharpur Friends of Environment, Arambagh, West Bengal, held on 28th July,2020.

5. **One Day State level webinar on “Elephant: Lord of Jungle; Conflicts, threats and conservation”** organized by Department of Zoology, Shree Chaitanya college, Habra, West Bengal, held on 12th August,2020.

6. **One Day national level webinar on “Photography as a successful tool for creating awareness and conservation of Nature”** organized by IQAC, Department of Zoology, Suri Vidyasagar College in collaboration with IQAC Shambhunath College, Labpur, held on 12th September,2020.

s) **Member of the Organizing Committee:**

1. Joint Convener of the **“Awareness Programme on Plight of Asian and African Elephants”** on the occasion of World Elephant Day organized by IQAC and Department of Zoology, Guskara Mahavidyalaya in collaboration with the Durgapur Wildlife Information and Nature Guide Society (WINGS) on 12th August,2020.

2. Organizing committee Member of the International Webinar on **“International Venture on the eve of World Nature Conservation Day”** organized by IQAC, Department of Zoology and Botany, Guskara Mahavidyalaya in collaboration with the Friends of Environment, 28th July,2020.